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# **argo-models**

***Release 2.4.3-post0***

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## API REFERENCE

This page contains auto-generated API reference documentation<sup>1</sup>.

### 1.1 argo

argo namespaced package

#### 1.1.1 Subpackages

##### 1.1.1.1 `argo.models`

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

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##### 1.1.1.1.1 Submodules

###### 1.1.1.1.1.1 `argo.models.cronv1alpha1_create_cron_workflow_request`

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

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###### 1.1.1.1.1.2 Module Contents

**class** `argo.models.cronv1alpha1_create_cron_workflow_request.Cronv1alpha1CreateCronWorkflowRequest`

Bases: `object`

---

<sup>1</sup> Created with `sphinx-autoapi`

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

Cronv1alpha1CreateCronWorkflowRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property create\_options** (*self*)

Gets the create\_options of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

**Returns** The create\_options of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

**Return type** `kubernetes.client.models.V1CreateOptions`

**property cron\_workflow** (*self*)

Gets the cron\_workflow of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

**Returns** The cron\_workflow of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

**Return type** *V1alpha1CronWorkflow*

**property namespace** (*self*)

Gets the namespace of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

**Returns** The namespace of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

**Return type** `str`

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.3 `argo.models.cronv1alpha1_lint_cron_workflow_request`

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

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#### 1.1.1.1.1.4 Module Contents

**class** `argo.models.cronv1alpha1_lint_cron_workflow_request.Cronv1alpha1LintCronWorkflowRequest`

Bases: `object`

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

Cronv1alpha1LintCronWorkflowRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**



**property** `cron_workflow` (*self*)

Gets the cron\_workflow of this Cronv1alpha1LintCronWorkflowRequest. # noqa: E501

**Returns** The cron\_workflow of this Cronv1alpha1LintCronWorkflowRequest. # noqa: E501

**Return type** *V1alpha1CronWorkflow*

**property** `namespace` (*self*)

Gets the namespace of this Cronv1alpha1LintCronWorkflowRequest. # noqa: E501

**Returns** The namespace of this Cronv1alpha1LintCronWorkflowRequest. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.5 argo.models.cronv1alpha1\_update\_cron\_workflow\_request

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.6 Module Contents

**class** argo.models.cronv1alpha1\_update\_cron\_workflow\_request.Cronv1alpha1UpdateCronWorkflowRequest

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

Cronv1alpha1UpdateCronWorkflowRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** `cron_workflow` (*self*)

Gets the cron\_workflow of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

**Returns** The cron\_workflow of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

**Return type** *V1alpha1CronWorkflow*

**property** `name` (*self*)

Gets the name of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

**Returns** The name of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

**Return type** str

**property namespace** (*self*)

Gets the namespace of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

**Returns** The namespace of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.7 argo.models.google\_protobuf\_any

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

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#### 1.1.1.1.1.8 Module Contents

```
class argo.models.google_protobuf_any.GoogleProtobufAny (type_url=None,  
                                                         value=None,          lo-  
                                                         cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

GoogleProtobufAny - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property type\_url** (*self*)

Gets the type\_url of this GoogleProtobufAny. # noqa: E501

**Returns** The type\_url of this GoogleProtobufAny. # noqa: E501

**Return type** str

**property value** (*self*)

Gets the value of this GoogleProtobufAny. # noqa: E501

**Returns** The value of this GoogleProtobufAny. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model



**to\_dict** (*self*)  
Returns the model properties as a dict

**to\_str** (*self*)  
Returns the string representation of the model

#### 1.1.1.1.11 argo.models.k8s\_io\_api\_policy\_v1beta1\_pod\_disruption\_budget\_spec

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

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#### 1.1.1.1.12 Module Contents

**class** argo.models.k8s\_io\_api\_policy\_v1beta1\_pod\_disruption\_budget\_spec.**K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec**

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property max\_unavailable** (*self*)

Gets the max\_unavailable of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

**Returns** The max\_unavailable of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

**Return type** kubernetes.client.models.V1IntOrString

**property min\_available** (*self*)

Gets the min\_available of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

**Returns** The min\_available of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

**Return type** kubernetes.client.models.V1IntOrString

**property selector** (*self*)

Gets the selector of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

**Returns** The selector of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

**Return type** kubernetes.client.models.V1LabelSelector

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)  
Returns the string representation of the model

#### 1.1.1.1.13 argo.models.v1alpha1\_archive\_strategy

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

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#### 1.1.1.1.14 Module Contents

```
class argo.models.v1alpha1_archive_strategy.V1alpha1ArchiveStrategy (_none=None,
                                                                    tar=None,
                                                                    lo-
                                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ArchiveStrategy - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property tar** (*self*)  
Gets the tar of this V1alpha1ArchiveStrategy. # noqa: E501  
TarStrategy will tar and gzip the file or directory when saving # noqa: E501  
**Returns** The tar of this V1alpha1ArchiveStrategy. # noqa: E501  
**Return type** object

**to\_dict** (*self*)  
Returns the model properties as a dict

**to\_str** (*self*)  
Returns the string representation of the model

#### 1.1.1.1.15 argo.models.v1alpha1\_arguments

Argo

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#### 1.1.1.1.16 Module Contents

```
class argo.models.v1alpha1_arguments.V1alpha1Arguments (artifacts=None,          pa-
                                                         rameters=None,          lo-
                                                         cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Arguments - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property artifacts** (*self*)

Gets the artifacts of this V1alpha1Arguments. # noqa: E501

Artifacts is the list of artifacts to pass to the template or workflow # noqa: E501

**Returns** The artifacts of this V1alpha1Arguments. # noqa: E501

**Return type** list[V1alpha1Artifact]

**property parameters** (*self*)

Gets the parameters of this V1alpha1Arguments. # noqa: E501

Parameters is the list of parameters to pass to the template or workflow # noqa: E501

**Returns** The parameters of this V1alpha1Arguments. # noqa: E501

**Return type** list[V1alpha1Parameter]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.17 argo.models.v1alpha1\_artifact

Argo

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### 1.1.1.1.18 Module Contents

```
class argo.models.v1alpha1_artifact.V1alpha1Artifact (archive=None,
                                                    archive_logs=None,    arti-
                                                    factory=None,    _from=None,
                                                    git=None, global_name=None,
                                                    hdfs=None,      http=None,
                                                    mode=None,      name=None,
                                                    optional=None,  path=None,
                                                    raw=None,      s3=None,    lo-
                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Artifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property archive** (*self*)

Gets the archive of this V1alpha1Artifact. # noqa: E501

**Returns** The archive of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1ArchiveStrategy*

**property archive\_logs** (*self*)

Gets the archive\_logs of this V1alpha1Artifact. # noqa: E501

ArchiveLogs indicates if the container logs should be archived # noqa: E501

**Returns** The archive\_logs of this V1alpha1Artifact. # noqa: E501

**Return type** bool

**property artifactory** (*self*)

Gets the artifactory of this V1alpha1Artifact. # noqa: E501

**Returns** The artifactory of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1ArtifactoryArtifact*

**property git** (*self*)

Gets the git of this V1alpha1Artifact. # noqa: E501

**Returns** The git of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1GitArtifact*

**property global\_name** (*self*)

Gets the global\_name of this V1alpha1Artifact. # noqa: E501

GlobalName exports an output artifact to the global scope, making it available as '{{work-flow.outputs.artifacts.XXXX}}' and in workflow.status.outputs.artifacts # noqa: E501

**Returns** The global\_name of this V1alpha1Artifact. # noqa: E501

**Return type** str

**property hdfs** (*self*)

Gets the hdfs of this V1alpha1Artifact. # noqa: E501

**Returns** The hdfs of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1HDFSArtifact*

**property http** (*self*)

Gets the http of this V1alpha1Artifact. # noqa: E501

**Returns** The http of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1HTTPArtifact*

**property mode** (*self*)

Gets the mode of this V1alpha1Artifact. # noqa: E501

mode bits to use on this file, must be a value between 0 and 0777 set when loading input artifacts. # noqa: E501

**Returns** The mode of this V1alpha1Artifact. # noqa: E501

**Return type** int

**property name** (*self*)

Gets the name of this V1alpha1Artifact. # noqa: E501

name of the artifact. must be unique within a template's inputs/outputs. # noqa: E501

**Returns** The name of this V1alpha1Artifact. # noqa: E501

**Return type** str

**property optional** (*self*)

Gets the optional of this V1alpha1Artifact. # noqa: E501

Make Artifacts optional, if Artifacts doesn't generate or exist # noqa: E501

**Returns** The optional of this V1alpha1Artifact. # noqa: E501

**Return type** bool

**property path** (*self*)

Gets the path of this V1alpha1Artifact. # noqa: E501

Path is the container path to the artifact # noqa: E501

**Returns** The path of this V1alpha1Artifact. # noqa: E501

**Return type** str

**property raw** (*self*)

Gets the raw of this V1alpha1Artifact. # noqa: E501

**Returns** The raw of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1RawArtifact*

**property s3** (*self*)

Gets the s3 of this V1alpha1Artifact. # noqa: E501

**Returns** The s3 of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1S3Artifact*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model



#### 1.1.1.1.19 argo.models.v1alpha1\_artifact\_location

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.20 Module Contents

```

class argo.models.v1alpha1_artifact_location.V1alpha1ArtifactLocation (archive_logs=None,
                                                                    arti-
                                                                    fac-
                                                                    tory=None,
                                                                    git=None,
                                                                    hdfs=None,
                                                                    http=None,
                                                                    raw=None,
                                                                    s3=None,
                                                                    lo-
                                                                    cal_vars_configuration=None

```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ArtifactLocation - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property archive\_logs** (*self*)

Gets the archive\_logs of this V1alpha1ArtifactLocation. # noqa: E501

ArchiveLogs indicates if the container logs should be archived # noqa: E501

**Returns** The archive\_logs of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** bool

**property artifactory** (*self*)

Gets the artifactory of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The artifactory of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1ArtifactoryArtifact*

**property git** (*self*)

Gets the git of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The git of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1GitArtifact*

**property hdfs** (*self*)

Gets the hdfs of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The hdfs of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1HDFSArtifact*

**property** `http(self)`

Gets the http of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The http of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1HTTPArtifact*

**property** `raw(self)`

Gets the raw of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The raw of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1RawArtifact*

**property** `s3(self)`

Gets the s3 of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The s3 of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1S3Artifact*

**to\_dict** `(self)`

Returns the model properties as a dict

**to\_str** `(self)`

Returns the string representation of the model

#### 1.1.1.1.1.21 `argo.models.v1alpha1_artifact_repository_ref`

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.22 Module Contents

**class** `argo.models.v1alpha1_artifact_repository_ref.V1alpha1ArtifactRepositoryRef` (*config\_map=None, key=None, local\_var\_name=None, local\_vars\_conf=None*)

Bases: `object`

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ArtifactRepositoryRef - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** `config_map(self)`

Gets the config\_map of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Returns** The config\_map of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Return type** `str`

**property** `key(self)`

Gets the key of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Returns** The key of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.23 argo.models.v1alpha1\_artifactory\_artifact

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.24 Module Contents

```
class argo.models.v1alpha1_artifactory_artifact.V1alpha1ArtifactoryArtifact (password_secret=None,
                                                                    url=None,
                                                                    user-
                                                                    name_secret=None,
                                                                    lo-
                                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ArtifactoryArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property password\_secret** (*self*)

Gets the password\_secret of this V1alpha1ArtifactoryArtifact. # noqa: E501

**Returns** The password\_secret of this V1alpha1ArtifactoryArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property url** (*self*)

Gets the url of this V1alpha1ArtifactoryArtifact. # noqa: E501

URL of the artifact # noqa: E501

**Returns** The url of this V1alpha1ArtifactoryArtifact. # noqa: E501

**Return type** str

**property username\_secret** (*self*)

Gets the username\_secret of this V1alpha1ArtifactoryArtifact. # noqa: E501

**Returns** The username\_secret of this V1alpha1ArtifactoryArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**to\_dict** (*self*)  
Returns the model properties as a dict

**to\_str** (*self*)  
Returns the string representation of the model

#### 1.1.1.1.1.25 argo.models.v1alpha1\_artifactory\_auth

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.26 Module Contents

```
class argo.models.v1alpha1_artifactory_auth.V1alpha1ArtifactoryAuth (password_secret=None,
                                                                    user-
                                                                    name_secret=None,
                                                                    lo-
                                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ArtifactoryAuth - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property password\_secret** (*self*)  
Gets the password\_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

**Returns** The password\_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property username\_secret** (*self*)  
Gets the username\_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

**Returns** The username\_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**to\_dict** (*self*)  
Returns the model properties as a dict

**to\_str** (*self*)  
Returns the string representation of the model

#### 1.1.1.1.27 `argo.models.v1alpha1_backoff`

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.28 Module Contents

```
class argo.models.v1alpha1_backoff.V1alpha1Backoff (duration=None,      factor=None,
                                                    max_duration=None,          lo-
                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Backoff - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property duration** (*self*)

Gets the duration of this V1alpha1Backoff. # noqa: E501

**Returns** The duration of this V1alpha1Backoff. # noqa: E501

**Return type** str

**property factor** (*self*)

Gets the factor of this V1alpha1Backoff. # noqa: E501

**Returns** The factor of this V1alpha1Backoff. # noqa: E501

**Return type** int

**property max\_duration** (*self*)

Gets the max\_duration of this V1alpha1Backoff. # noqa: E501

**Returns** The max\_duration of this V1alpha1Backoff. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.29 argo.models.v1alpha1\_condition

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.30 Module Contents

```
class argo.models.v1alpha1_condition.V1alpha1Condition (status=None,  
                                                         type=None,                lo-  
                                                         cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Condition - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property status** (*self*)

Gets the status of this V1alpha1Condition. # noqa: E501

**Returns** The status of this V1alpha1Condition. # noqa: E501

**Return type** str

**property type** (*self*)

Gets the type of this V1alpha1Condition. # noqa: E501

**Returns** The type of this V1alpha1Condition. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.31 argo.models.v1alpha1\_continue\_on

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.1.32 Module Contents

```
class argo.models.v1alpha1_continue_on.V1alpha1ContinueOn (error=None,
                                                         failed=None,      lo-
                                                         cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ContinueOn - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property error** (*self*)

Gets the error of this V1alpha1ContinueOn. # noqa: E501

**Returns** The error of this V1alpha1ContinueOn. # noqa: E501

**Return type** bool

**property failed** (*self*)

Gets the failed of this V1alpha1ContinueOn. # noqa: E501

**Returns** The failed of this V1alpha1ContinueOn. # noqa: E501

**Return type** bool

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

### 1.1.1.1.1.33 argo.models.v1alpha1\_counter

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.1.34 Module Contents

```
class argo.models.v1alpha1_counter.V1alpha1Counter (value=None,
                                                         local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Counter - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property value** (*self*)

Gets the value of this V1alpha1Counter. # noqa: E501

**Returns** The value of this V1alpha1Counter. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.35 argo.models.v1alpha1\_cron\_workflow

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.36 Module Contents

```
class argo.models.v1alpha1_cron_workflow.V1alpha1CronWorkflow (metadata=None,  
                                                             spec=None,  
                                                             status=None, lo-  
                                                             cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1CronWorkflow - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property metadata** (*self*)

Gets the metadata of this V1alpha1CronWorkflow. # noqa: E501

**Returns** The metadata of this V1alpha1CronWorkflow. # noqa: E501

**Return type** kubernetes.client.models.V1ObjectMeta

**property spec** (*self*)

Gets the spec of this V1alpha1CronWorkflow. # noqa: E501

**Returns** The spec of this V1alpha1CronWorkflow. # noqa: E501

**Return type** V1alpha1CronWorkflowSpec

**property status** (*self*)

Gets the status of this V1alpha1CronWorkflow. # noqa: E501

**Returns** The status of this V1alpha1CronWorkflow. # noqa: E501

**Return type** V1alpha1CronWorkflowStatus

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model



#### 1.1.1.1.1.37 argo.models.v1alpha1\_cron\_workflow\_list

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.38 Module Contents

```
class argo.models.v1alpha1_cron_workflow_list.V1alpha1CronWorkflowList (items=None,
                                                                    meta-
                                                                    data=None,
                                                                    lo-
                                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1CronWorkflowList - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property items** (*self*)

Gets the items of this V1alpha1CronWorkflowList. # noqa: E501

**Returns** The items of this V1alpha1CronWorkflowList. # noqa: E501

**Return type** list[V1alpha1CronWorkflow]

**property metadata** (*self*)

Gets the metadata of this V1alpha1CronWorkflowList. # noqa: E501

**Returns** The metadata of this V1alpha1CronWorkflowList. # noqa: E501

**Return type** kubernetes.client.models.V1ListMeta

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.39 argo.models.v1alpha1\_cron\_workflow\_spec

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.40 Module Contents

```
class argo.models.v1alpha1_cron_workflow_spec.V1alpha1CronWorkflowSpec (concurrency_policy=None,  
                                                                    failed_jobs_history_limit=None,  
                                                                    schedule=None,  
                                                                    starting_deadline_seconds=None,  
                                                                    success_jobs_history_limit=None,  
                                                                    suspend=None,  
                                                                    time_zone=None,  
                                                                    workflow_meta=None,  
                                                                    workflow_spec=None,  
                                                                    workflow_template_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1CronWorkflowSpec - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property concurrency\_policy** (*self*)

Gets the concurrency\_policy of this V1alpha1CronWorkflowSpec. # noqa: E501

**Returns** The concurrency\_policy of this V1alpha1CronWorkflowSpec. # noqa: E501

**Return type** str

**property failed\_jobs\_history\_limit** (*self*)

Gets the failed\_jobs\_history\_limit of this V1alpha1CronWorkflowSpec. # noqa: E501

**Returns** The failed\_jobs\_history\_limit of this V1alpha1CronWorkflowSpec. # noqa: E501

**Return type** int

**property schedule** (*self*)

Gets the schedule of this V1alpha1CronWorkflowSpec. # noqa: E501

**Returns** The schedule of this V1alpha1CronWorkflowSpec. # noqa: E501

**Return type** str

**property starting\_deadline\_seconds** (*self*)

Gets the starting\_deadline\_seconds of this V1alpha1CronWorkflowSpec. # noqa: E501

StartingDeadlineSeconds is the K8s-style deadline that will limit the time a CronWorkflow will be run after its original scheduled time if it is missed. # noqa: E501

**Returns** The starting\_deadline\_seconds of this V1alpha1CronWorkflowSpec. # noqa: E501

**Return type** str

**property successful\_jobs\_history\_limit** (*self*)

Gets the successful\_jobs\_history\_limit of this V1alpha1CronWorkflowSpec. # noqa: E501

**Returns** The successful\_jobs\_history\_limit of this V1alpha1CronWorkflowSpec. # noqa: E501

**Return type** int

**property suspend** (*self*)

Gets the suspend of this V1alpha1CronWorkflowSpec. # noqa: E501

**Returns** The suspend of this V1alpha1CronWorkflowSpec. # noqa: E501

**Return type** bool

**property timezone** (*self*)

Gets the timezone of this V1alpha1CronWorkflowSpec. # noqa: E501

Timezone is the timezone against which the cron schedule will be calculated, e.g. "Asia/Tokyo". Default is machine's local time. # noqa: E501

**Returns** The timezone of this V1alpha1CronWorkflowSpec. # noqa: E501

**Return type** str

**property workflow\_meta** (*self*)

Gets the workflow\_meta of this V1alpha1CronWorkflowSpec. # noqa: E501

**Returns** The workflow\_meta of this V1alpha1CronWorkflowSpec. # noqa: E501

**Return type** kubernetes.client.models.V1ObjectMeta

**property workflow\_spec** (*self*)

Gets the workflow\_spec of this V1alpha1CronWorkflowSpec. # noqa: E501

**Returns** The workflow\_spec of this V1alpha1CronWorkflowSpec. # noqa: E501

**Return type** *V1alpha1WorkflowSpec*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**1.1.1.1.41 argo.models.v1alpha1\_cron\_workflow\_status**

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.42 Module Contents

```
class argo.models.v1alpha1_cron_workflow_status.V1alpha1CronWorkflowStatus (active=None,  
last_scheduled_time=None,  
lo-  
cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1CronWorkflowStatus - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property active** (*self*)

Gets the active of this V1alpha1CronWorkflowStatus. # noqa: E501

**Returns** The active of this V1alpha1CronWorkflowStatus. # noqa: E501

**Return type** list[kubernetes.client.models.V1ObjectReference]

**property last\_scheduled\_time** (*self*)

Gets the last\_scheduled\_time of this V1alpha1CronWorkflowStatus. # noqa: E501

**Returns** The last\_scheduled\_time of this V1alpha1CronWorkflowStatus. # noqa: E501

**Return type** kubernetes.client.models.V1Time

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.43 argo.models.v1alpha1\_dag\_task

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.44 Module Contents

```
class argo.models.v1alpha1_dag_task.V1alpha1DAGTask (arguments=None, con-  
tinue_on=None, dependen-  
cies=None, name=None,  
template=None, tem-  
plate_ref=None, when=None,  
with_items=None,  
with_param=None,  
with_sequence=None, lo-  
cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1DAGTask - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property arguments** (*self*)

Gets the arguments of this V1alpha1DAGTask. # noqa: E501

**Returns** The arguments of this V1alpha1DAGTask. # noqa: E501

**Return type** *V1alpha1Arguments*

**property continue\_on** (*self*)

Gets the continue\_on of this V1alpha1DAGTask. # noqa: E501

**Returns** The continue\_on of this V1alpha1DAGTask. # noqa: E501

**Return type** *V1alpha1ContinueOn*

**property dependencies** (*self*)

Gets the dependencies of this V1alpha1DAGTask. # noqa: E501

Dependencies are name of other targets which this depends on # noqa: E501

**Returns** The dependencies of this V1alpha1DAGTask. # noqa: E501

**Return type** list[str]

**property name** (*self*)

Gets the name of this V1alpha1DAGTask. # noqa: E501

Name is the name of the target # noqa: E501

**Returns** The name of this V1alpha1DAGTask. # noqa: E501

**Return type** str

**property template** (*self*)

Gets the template of this V1alpha1DAGTask. # noqa: E501

Name of template to execute # noqa: E501

**Returns** The template of this V1alpha1DAGTask. # noqa: E501

**Return type** str

**property template\_ref** (*self*)

Gets the template\_ref of this V1alpha1DAGTask. # noqa: E501

**Returns** The template\_ref of this V1alpha1DAGTask. # noqa: E501

**Return type** *V1alpha1TemplateRef*

**property when** (*self*)

Gets the when of this V1alpha1DAGTask. # noqa: E501

When is an expression in which the task should conditionally execute # noqa: E501

**Returns** The when of this V1alpha1DAGTask. # noqa: E501

**Return type** str

**property with\_items** (*self*)

Gets the with\_items of this V1alpha1DAGTask. # noqa: E501

WithItems expands a task into multiple parallel tasks from the items in the list # noqa: E501

**Returns** The with\_items of this V1alpha1DAGTask. # noqa: E501

**Return type** list[str]

**property with\_param** (*self*)

Gets the with\_param of this V1alpha1DAGTask. # noqa: E501

WithParam expands a task into multiple parallel tasks from the value in the parameter, which is expected to be a JSON list. # noqa: E501

**Returns** The with\_param of this V1alpha1DAGTask. # noqa: E501

**Return type** str

**property with\_sequence** (*self*)

Gets the with\_sequence of this V1alpha1DAGTask. # noqa: E501

**Returns** The with\_sequence of this V1alpha1DAGTask. # noqa: E501

**Return type** *V1alpha1Sequence*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.45 argo.models.v1alpha1\_dag\_template

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.46 Module Contents

```
class argo.models.v1alpha1_dag_template.V1alpha1DAGTemplate (fail_fast=None,  
                                                         target=None,  
                                                         tasks=None,      lo-  
                                                         cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1DAGTemplate - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property fail\_fast** (*self*)

Gets the fail\_fast of this V1alpha1DAGTemplate. # noqa: E501

This flag is for DAG logic. The DAG logic has a built-in “fail fast” feature to stop scheduling new steps, as soon as it detects that one of the DAG nodes is failed. Then it waits until all DAG nodes are completed before failing the DAG itself. The FailFast flag default is true, if set to false, it will allow a DAG to run all branches of the DAG to completion (either success or failure), regardless of the failed outcomes of branches in the DAG. More info and example about this feature at <https://github.com/argoproj/argo/issues/1442> #noqa: E501

**Returns** The fail\_fast of this V1alpha1DAGTemplate. #noqa: E501

**Return type** bool

**property target** (*self*)

Gets the target of this V1alpha1DAGTemplate. #noqa: E501

Target are one or more names of targets to execute in a DAG #noqa: E501

**Returns** The target of this V1alpha1DAGTemplate. #noqa: E501

**Return type** str

**property tasks** (*self*)

Gets the tasks of this V1alpha1DAGTemplate. #noqa: E501

Tasks are a list of DAG tasks #noqa: E501

**Returns** The tasks of this V1alpha1DAGTemplate. #noqa: E501

**Return type** list[V1alpha1DAGTask]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.47 argo.models.v1alpha1\_executor\_config

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) #noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.48 Module Contents

```
class argo.models.v1alpha1_executor_config.V1alpha1ExecutorConfig(service_account_name=None,
                                                                    lo-
                                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ExecutorConfig - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property service\_account\_name** (*self*)

Gets the service\_account\_name of this V1alpha1ExecutorConfig. # noqa: E501

ServiceAccountName specifies the service account name of the executor container. # noqa: E501

**Returns** The service\_account\_name of this V1alpha1ExecutorConfig. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.49 argo.models.v1alpha1\_gauge

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.50 Module Contents

**class** argo.models.v1alpha1\_gauge.V1alpha1Gauge (*realtime=None, value=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Gauge - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property realtime** (*self*)

Gets the realtime of this V1alpha1Gauge. # noqa: E501

**Returns** The realtime of this V1alpha1Gauge. # noqa: E501

**Return type** bool

**property value** (*self*)

Gets the value of this V1alpha1Gauge. # noqa: E501

**Returns** The value of this V1alpha1Gauge. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model



#### 1.1.1.1.1.51 argo.models.v1alpha1\_git\_artifact

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.52 Module Contents

```

class argo.models.v1alpha1_git_artifact.V1alpha1GitArtifact (depth=None,
                                                             fetch=None, insecure_ignore_host_key=None,
                                                             pass_word_secret=None,
                                                             repo=None, revision=None,
                                                             ssh_private_key_secret=None,
                                                             user_name_secret=None,
                                                             local_vars_configuration=None)

```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1GitArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property depth** (*self*)

Gets the depth of this V1alpha1GitArtifact. # noqa: E501

Depth specifies clones/fetches should be shallow and include the given number of commits from the branch tip # noqa: E501

**Returns** The depth of this V1alpha1GitArtifact. # noqa: E501

**Return type** int

**property fetch** (*self*)

Gets the fetch of this V1alpha1GitArtifact. # noqa: E501

Fetch specifies a number of refs that should be fetched before checkout # noqa: E501

**Returns** The fetch of this V1alpha1GitArtifact. # noqa: E501

**Return type** list[str]

**property insecure\_ignore\_host\_key** (*self*)

Gets the insecure\_ignore\_host\_key of this V1alpha1GitArtifact. # noqa: E501

InsecureIgnoreHostKey disables SSH strict host key checking during git clone # noqa: E501

**Returns** The insecure\_ignore\_host\_key of this V1alpha1GitArtifact. # noqa: E501

**Return type** bool

**property password\_secret** (*self*)

Gets the password\_secret of this V1alpha1GitArtifact. # noqa: E501

**Returns** The password\_secret of this V1alpha1GitArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property repo** (*self*)

Gets the repo of this V1alpha1GitArtifact. # noqa: E501

Repo is the git repository # noqa: E501

**Returns** The repo of this V1alpha1GitArtifact. # noqa: E501

**Return type** str

**property revision** (*self*)

Gets the revision of this V1alpha1GitArtifact. # noqa: E501

Revision is the git commit, tag, branch to checkout # noqa: E501

**Returns** The revision of this V1alpha1GitArtifact. # noqa: E501

**Return type** str

**property ssh\_private\_key\_secret** (*self*)

Gets the ssh\_private\_key\_secret of this V1alpha1GitArtifact. # noqa: E501

**Returns** The ssh\_private\_key\_secret of this V1alpha1GitArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property username\_secret** (*self*)

Gets the username\_secret of this V1alpha1GitArtifact. # noqa: E501

**Returns** The username\_secret of this V1alpha1GitArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.53 argo.models.v1alpha1\_hdfs\_artifact

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.1.54 Module Contents

```
class argo.models.v1alpha1_hdfs_artifact.V1alpha1HDFSArtifact (addresses=None,
                                                             force=None,
                                                             hdfs_user=None,
                                                             krb_c_cache_secret=None,
                                                             krb_config_config_map=None,
                                                             krb_keytab_secret=None,
                                                             krb_realm=None,
                                                             krb_service_principal_name=None,
                                                             krb_username=None,
                                                             path=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1HDFSArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property addresses** (*self*)

Gets the addresses of this V1alpha1HDFSArtifact. # noqa: E501

Addresses is accessible addresses of HDFS name nodes # noqa: E501

**Returns** The addresses of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** list[str]

**property force** (*self*)

Gets the force of this V1alpha1HDFSArtifact. # noqa: E501

Force copies a file forcibly even if it exists (default: false) # noqa: E501

**Returns** The force of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** bool

**property hdfs\_user** (*self*)

Gets the hdfs\_user of this V1alpha1HDFSArtifact. # noqa: E501

HDFSUser is the user to access HDFS file system. It is ignored if either ccache or keytab is used. # noqa: E501

**Returns** The hdfs\_user of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** str

**property krb\_c\_cache\_secret** (*self*)

Gets the krb\_c\_cache\_secret of this V1alpha1HDFSArtifact. # noqa: E501

**Returns** The krb\_c\_cache\_secret of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property krb\_config\_config\_map** (*self*)

Gets the krb\_config\_config\_map of this V1alpha1HDFSArtifact. # noqa: E501

**Returns** The krb\_config\_config\_map of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1ConfigMapKeySelector

**property krb\_keytab\_secret** (*self*)

Gets the krb\_keytab\_secret of this V1alpha1HDFSArtifact. # noqa: E501

**Returns** The krb\_keytab\_secret of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property krb\_realm** (*self*)

Gets the krb\_realm of this V1alpha1HDFSArtifact. # noqa: E501

KrbRealm is the Kerberos realm used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The krb\_realm of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** str

**property krb\_service\_principal\_name** (*self*)

Gets the krb\_service\_principal\_name of this V1alpha1HDFSArtifact. # noqa: E501

KrbServicePrincipalName is the principal name of Kerberos service It must be set if either ccache or keytab is used. # noqa: E501

**Returns** The krb\_service\_principal\_name of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** str

**property krb\_username** (*self*)

Gets the krb\_username of this V1alpha1HDFSArtifact. # noqa: E501

KrbUsername is the Kerberos username used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The krb\_username of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** str

**property path** (*self*)

Gets the path of this V1alpha1HDFSArtifact. # noqa: E501

Path is a file path in HDFS # noqa: E501

**Returns** The path of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.155 argo.models.v1alpha1\_hdfs\_config

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.1.56 Module Contents

```
class argo.models.v1alpha1_hdfs_config.V1alpha1HDFSConfig(addresses=None,
                                                         hdfs_user=None,
                                                         krb_c_cache_secret=None,
                                                         krb_config_config_map=None,
                                                         krb_keytab_secret=None,
                                                         krb_realm=None,
                                                         krb_service_principal_name=None,
                                                         krb_username=None,
                                                         local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1HDFSConfig - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property addresses** (*self*)

Gets the addresses of this V1alpha1HDFSConfig. # noqa: E501

Addresses is accessible addresses of HDFS name nodes # noqa: E501

**Returns** The addresses of this V1alpha1HDFSConfig. # noqa: E501

**Return type** list[str]

**property hdfs\_user** (*self*)

Gets the hdfs\_user of this V1alpha1HDFSConfig. # noqa: E501

HDFSUser is the user to access HDFS file system. It is ignored if either ccache or keytab is used. # noqa: E501

**Returns** The hdfs\_user of this V1alpha1HDFSConfig. # noqa: E501

**Return type** str

**property krb\_c\_cache\_secret** (*self*)

Gets the krb\_c\_cache\_secret of this V1alpha1HDFSConfig. # noqa: E501

**Returns** The krb\_c\_cache\_secret of this V1alpha1HDFSConfig. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property krb\_config\_config\_map** (*self*)

Gets the krb\_config\_config\_map of this V1alpha1HDFSConfig. # noqa: E501

**Returns** The krb\_config\_config\_map of this V1alpha1HDFSConfig. # noqa: E501

**Return type** kubernetes.client.models.V1ConfigMapKeySelector

**property krb\_keytab\_secret** (*self*)

Gets the krb\_keytab\_secret of this V1alpha1HDFSConfig. # noqa: E501

**Returns** The krb\_keytab\_secret of this V1alpha1HDFSConfig. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property** `krb_realm` (*self*)

Gets the `krb_realm` of this `V1alpha1HDFSConfig`. # noqa: E501

KrbRealm is the Kerberos realm used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The `krb_realm` of this `V1alpha1HDFSConfig`. # noqa: E501

**Return type** `str`

**property** `krb_service_principal_name` (*self*)

Gets the `krb_service_principal_name` of this `V1alpha1HDFSConfig`. # noqa: E501

KrbServicePrincipalName is the principal name of Kerberos service It must be set if either ccache or keytab is used. # noqa: E501

**Returns** The `krb_service_principal_name` of this `V1alpha1HDFSConfig`. # noqa: E501

**Return type** `str`

**property** `krb_username` (*self*)

Gets the `krb_username` of this `V1alpha1HDFSConfig`. # noqa: E501

KrbUsername is the Kerberos username used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The `krb_username` of this `V1alpha1HDFSConfig`. # noqa: E501

**Return type** `str`

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.57 `argo.models.v1alpha1_hdfs_krb_config`

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.58 Module Contents

```
class argo.models.v1alpha1_hdfs_krb_config.V1alpha1HDFSkrbConfig(krb_c_cache_secret=None,
                                                                krb_config_config_map=None,
                                                                krb_keytab_secret=None,
                                                                krb_realm=None,
                                                                krb_service_principal_name=None,
                                                                krb_username=None,
                                                                lo-
                                                                cal_vars_configuration=None)
```

Bases: `object`

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1HDFSkrbConfig - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property krb\_c\_cache\_secret** (*self*)

Gets the krb\_c\_cache\_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

**Returns** The krb\_c\_cache\_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property krb\_config\_config\_map** (*self*)

Gets the krb\_config\_config\_map of this V1alpha1HDFSKrbConfig. # noqa: E501

**Returns** The krb\_config\_config\_map of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** kubernetes.client.models.V1ConfigMapKeySelector

**property krb\_keytab\_secret** (*self*)

Gets the krb\_keytab\_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

**Returns** The krb\_keytab\_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property krb\_realm** (*self*)

Gets the krb\_realm of this V1alpha1HDFSKrbConfig. # noqa: E501

KrbRealm is the Kerberos realm used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The krb\_realm of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** str

**property krb\_service\_principal\_name** (*self*)

Gets the krb\_service\_principal\_name of this V1alpha1HDFSKrbConfig. # noqa: E501

KrbServicePrincipalName is the principal name of Kerberos service It must be set if either ccache or keytab is used. # noqa: E501

**Returns** The krb\_service\_principal\_name of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** str

**property krb\_username** (*self*)

Gets the krb\_username of this V1alpha1HDFSKrbConfig. # noqa: E501

KrbUsername is the Kerberos username used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The krb\_username of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.59 argo.models.v1alpha1\_histogram

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.60 Module Contents

```
class argo.models.v1alpha1_histogram.V1alpha1Histogram (buckets=None,  
                                                         value=None,           lo-  
                                                         cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Histogram - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property buckets** (*self*)

Gets the buckets of this V1alpha1Histogram. # noqa: E501

**Returns** The buckets of this V1alpha1Histogram. # noqa: E501

**Return type** list[float]

**property value** (*self*)

Gets the value of this V1alpha1Histogram. # noqa: E501

**Returns** The value of this V1alpha1Histogram. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.61 argo.models.v1alpha1\_http\_artifact

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>



### 1.1.1.1.1.62 Module Contents

**class** argo.models.v1alpha1\_http\_artifact.V1alpha1HTTPArtifact (*url=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1HTTPArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property url** (*self*)

Gets the url of this V1alpha1HTTPArtifact. # noqa: E501

URL of the artifact # noqa: E501

**Returns** The url of this V1alpha1HTTPArtifact. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

### 1.1.1.1.1.63 argo.models.v1alpha1\_info\_response

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.1.64 Module Contents

**class** argo.models.v1alpha1\_info\_response.V1alpha1InfoResponse (*links=None, managed\_namespace=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1InfoResponse - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property links** (*self*)

Gets the links of this V1alpha1InfoResponse. # noqa: E501

**Returns** The links of this V1alpha1InfoResponse. # noqa: E501

**Return type** list[*V1alpha1Link*]

**property managed\_namespace** (*self*)

Gets the managed\_namespace of this V1alpha1InfoResponse. # noqa: E501

**Returns** The managed\_namespace of this V1alpha1InfoResponse. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.65 argo.models.v1alpha1\_inputs

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.66 Module Contents

**class** argo.models.v1alpha1\_inputs.V1alpha1Inputs (*artifacts=None, parameters=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Inputs - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property artifacts** (*self*)

Gets the artifacts of this V1alpha1Inputs. # noqa: E501

Artifact are a list of artifacts passed as inputs # noqa: E501

**Returns** The artifacts of this V1alpha1Inputs. # noqa: E501

**Return type** list[*V1alpha1Artifact*]

**property parameters** (*self*)

Gets the parameters of this V1alpha1Inputs. # noqa: E501

Parameters are a list of parameters passed as inputs # noqa: E501

**Returns** The parameters of this V1alpha1Inputs. # noqa: E501

**Return type** list[*V1alpha1Parameter*]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.67 argo.models.v1alpha1\_item

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.68 Module Contents

```
class argo.models.v1alpha1_item.V1alpha1Item(bool_val=None, list_val=None,  
                                              map_val=None, num_val=None,  
                                              str_val=None, type=None, lo-  
                                              cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Item - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property bool\_val** (*self*)

Gets the bool\_val of this V1alpha1Item. # noqa: E501

**Returns** The bool\_val of this V1alpha1Item. # noqa: E501

**Return type** bool

**property list\_val** (*self*)

Gets the list\_val of this V1alpha1Item. # noqa: E501

**Returns** The list\_val of this V1alpha1Item. # noqa: E501

**Return type** list[V1alpha1ItemValue]

**property map\_val** (*self*)

Gets the map\_val of this V1alpha1Item. # noqa: E501

**Returns** The map\_val of this V1alpha1Item. # noqa: E501

**Return type** dict(str, V1alpha1ItemValue)

**property num\_val** (*self*)

Gets the num\_val of this V1alpha1Item. # noqa: E501

**Returns** The num\_val of this V1alpha1Item. # noqa: E501

**Return type** str

**property str\_val** (*self*)

Gets the str\_val of this V1alpha1Item. # noqa: E501

**Returns** The str\_val of this V1alpha1Item. # noqa: E501

**Return type** str

**property type** (*self*)

Gets the type of this V1alpha1Item. # noqa: E501

**Returns** The type of this V1alpha1Item. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.69 argo.models.v1alpha1\_item\_value

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.70 Module Contents

```
class argo.models.v1alpha1_item_value.V1alpha1ItemValue (bool_val=None,  
                                                         list_val=None,  
                                                         map_val=None,  
                                                         num_val=None,  
                                                         str_val=None,  
                                                         type=None,           lo-  
                                                         cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ItemValue - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property bool\_val** (*self*)

Gets the bool\_val of this V1alpha1ItemValue. # noqa: E501

**Returns** The bool\_val of this V1alpha1ItemValue. # noqa: E501

**Return type** bool

**property list\_val** (*self*)

Gets the list\_val of this V1alpha1ItemValue. # noqa: E501

**Returns** The list\_val of this V1alpha1ItemValue. # noqa: E501

**Return type** list[str]

**property map\_val** (*self*)

Gets the map\_val of this V1alpha1ItemValue. # noqa: E501

**Returns** The map\_val of this V1alpha1ItemValue. # noqa: E501

**Return type** dict(str, str)

**property num\_val** (*self*)

Gets the num\_val of this V1alpha1ItemValue. # noqa: E501

**Returns** The num\_val of this V1alpha1ItemValue. # noqa: E501

**Return type** str

**property str\_val** (*self*)

Gets the str\_val of this V1alpha1ItemValue. # noqa: E501

**Returns** The str\_val of this V1alpha1ItemValue. # noqa: E501

**Return type** str

**property type** (*self*)

Gets the type of this V1alpha1ItemValue. # noqa: E501

**Returns** The type of this V1alpha1ItemValue. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.71 argo.models.v1alpha1\_link

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.72 Module Contents

**class** argo.models.v1alpha1\_link.V1alpha1Link (*name=None, scope=None, url=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Link - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property name** (*self*)

Gets the name of this V1alpha1Link. # noqa: E501

**Returns** The name of this V1alpha1Link. # noqa: E501

**Return type** str

**property scope** (*self*)

Gets the scope of this V1alpha1Link. # noqa: E501

**Returns** The scope of this V1alpha1Link. # noqa: E501

**Return type** str

**property url** (*self*)

Gets the url of this V1alpha1Link. # noqa: E501

The URL. May contain “\${metadata.namespace}” and “\${metadata.name}”. # noqa: E501

**Returns** The url of this V1alpha1Link. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.73 argo.models.v1alpha1\_log\_entry

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.74 Module Contents

```
class argo.models.v1alpha1_log_entry.V1alpha1LogEntry (content=None,
                                                    pod_name=None,          lo-
                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1LogEntry - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property content** (*self*)

Gets the content of this V1alpha1LogEntry. # noqa: E501

**Returns** The content of this V1alpha1LogEntry. # noqa: E501

**Return type** str

**property pod\_name** (*self*)

Gets the pod\_name of this V1alpha1LogEntry. # noqa: E501

**Returns** The pod\_name of this V1alpha1LogEntry. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.75 argo.models.v1alpha1\_metadata

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.76 Module Contents

```
class argo.models.v1alpha1_metadata.V1alpha1Metadata (annotations=None,
                                                    labels=None,          lo-
                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Metadata - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property annotations** (*self*)

Gets the annotations of this V1alpha1Metadata. # noqa: E501

**Returns** The annotations of this V1alpha1Metadata. # noqa: E501

**Return type** dict(str, str)

**property labels** (*self*)

Gets the labels of this V1alpha1Metadata. # noqa: E501

**Returns** The labels of this V1alpha1Metadata. # noqa: E501

**Return type** dict(str, str)

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.77 argo.models.v1alpha1\_metric\_label

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.78 Module Contents

```
class argo.models.v1alpha1_metric_label.V1alpha1MetricLabel (key=None,
                                                             value=None,      lo-
                                                             cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1MetricLabel - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property key** (*self*)

Gets the key of this V1alpha1MetricLabel. # noqa: E501

**Returns** The key of this V1alpha1MetricLabel. # noqa: E501

**Return type** str

**property value** (*self*)

Gets the value of this V1alpha1MetricLabel. # noqa: E501

**Returns** The value of this V1alpha1MetricLabel. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.79 argo.models.v1alpha1\_metrics

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.80 Module Contents

```
class argo.models.v1alpha1_metrics.V1alpha1Metrics (prometheus=None,
                                                       local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Metrics - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property prometheus** (*self*)

Gets the prometheus of this V1alpha1Metrics. # noqa: E501



**Returns** The prometheus of this V1alpha1Metrics. # noqa: E501

**Return type** list[V1alpha1Prometheus]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.81 argo.models.v1alpha1\_node\_status

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.82 Module Contents

```
class argo.models.v1alpha1_node_status.V1alpha1NodeStatus (boundary_id=None,
                                                            children=None,    dae-
                                                            moned=None,    dis-
                                                            play_name=None,
                                                            finished_at=None,
                                                            id=None, inputs=None,
                                                            message=None,
                                                            name=None,    out-
                                                            bound_nodes=None,
                                                            outputs=None,
                                                            phase=None,
                                                            pod_ip=None,
                                                            started_at=None,
                                                            stored_template_id=None,
                                                            template_name=None,
                                                            template_ref=None,
                                                            template_scope=None,
                                                            type=None,    work-
                                                            flow_template_name=None,
                                                            lo-
                                                            cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1NodeStatus - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** **boundary\_id** (*self*)

Gets the boundary\_id of this V1alpha1NodeStatus. # noqa: E501

BoundaryID indicates the node ID of the associated template root node in which this node belongs to # noqa: E501

**Returns** The boundary\_id of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property children** (*self*)

Gets the children of this V1alpha1NodeStatus. # noqa: E501

Children is a list of child node IDs # noqa: E501

**Returns** The children of this V1alpha1NodeStatus. # noqa: E501

**Return type** list[str]

**property daemoned** (*self*)

Gets the daemoned of this V1alpha1NodeStatus. # noqa: E501

Daemoned tracks whether or not this node was daemoned and need to be terminated # noqa: E501

**Returns** The daemoned of this V1alpha1NodeStatus. # noqa: E501

**Return type** bool

**property display\_name** (*self*)

Gets the display\_name of this V1alpha1NodeStatus. # noqa: E501

DisplayName is a human readable representation of the node. Unique within a template boundary # noqa: E501

**Returns** The display\_name of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property finished\_at** (*self*)

Gets the finished\_at of this V1alpha1NodeStatus. # noqa: E501

**Returns** The finished\_at of this V1alpha1NodeStatus. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1Time

**property id** (*self*)

Gets the id of this V1alpha1NodeStatus. # noqa: E501

ID is a unique identifier of a node within the workflow It is implemented as a hash of the node name, which makes the ID deterministic # noqa: E501

**Returns** The id of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property inputs** (*self*)

Gets the inputs of this V1alpha1NodeStatus. # noqa: E501

**Returns** The inputs of this V1alpha1NodeStatus. # noqa: E501

**Return type** *V1alpha1Inputs*

**property message** (*self*)

Gets the message of this V1alpha1NodeStatus. # noqa: E501

A human readable message indicating details about why the node is in this condition. # noqa: E501

**Returns** The message of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property name** (*self*)

Gets the name of this V1alpha1NodeStatus. # noqa: E501

Name is unique name in the node tree used to generate the node ID # noqa: E501

**Returns** The name of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property outbound\_nodes** (*self*)

Gets the outbound\_nodes of this V1alpha1NodeStatus. # noqa: E501

OutboundNodes tracks the node IDs which are considered “outbound” nodes to a template invocation. For every invocation of a template, there are nodes which we considered as “outbound”. Essentially, these are last nodes in the execution sequence to run, before the template is considered completed. These nodes are then connected as parents to a following step. In the case of single pod steps (i.e. container, script, resource templates), this list will be nil since the pod itself is already considered the “outbound” node. In the case of DAGs, outbound nodes are the “target” tasks (tasks with no children). In the case of steps, outbound nodes are all the containers involved in the last step group. NOTE: since templates are composable, the list of outbound nodes are carried upwards when a DAG/steps template invokes another DAG/steps template. In other words, the outbound nodes of a template, will be a superset of the outbound nodes of its last children. # noqa: E501

**Returns** The outbound\_nodes of this V1alpha1NodeStatus. # noqa: E501

**Return type** list[str]

**property outputs** (*self*)

Gets the outputs of this V1alpha1NodeStatus. # noqa: E501

**Returns** The outputs of this V1alpha1NodeStatus. # noqa: E501

**Return type** *V1alpha1Outputs*

**property phase** (*self*)

Gets the phase of this V1alpha1NodeStatus. # noqa: E501

Phase a simple, high-level summary of where the node is in its lifecycle. Can be used as a state machine. # noqa: E501

**Returns** The phase of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property pod\_ip** (*self*)

Gets the pod\_ip of this V1alpha1NodeStatus. # noqa: E501

PodIP captures the IP of the pod for daemoned steps # noqa: E501

**Returns** The pod\_ip of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property started\_at** (*self*)

Gets the started\_at of this V1alpha1NodeStatus. # noqa: E501

**Returns** The started\_at of this V1alpha1NodeStatus. # noqa: E501

**Return type** *IoK8sApimachineryPkgApisMetaV1Time*

**property stored\_template\_id** (*self*)

Gets the stored\_template\_id of this V1alpha1NodeStatus. # noqa: E501

StoredTemplateID is the ID of stored template. DEPRECATED: This value is not used anymore. # noqa: E501

**Returns** The stored\_template\_id of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property template\_name** (*self*)

Gets the template\_name of this V1alpha1NodeStatus. # noqa: E501

TemplateName is the template name which this node corresponds to. Not applicable to virtual nodes (e.g. Retry, StepGroup) # noqa: E501

**Returns** The template\_name of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property template\_ref** (*self*)

Gets the template\_ref of this V1alpha1NodeStatus. # noqa: E501

**Returns** The template\_ref of this V1alpha1NodeStatus. # noqa: E501

**Return type** *V1alpha1TemplateRef*

**property template\_scope** (*self*)

Gets the template\_scope of this V1alpha1NodeStatus. # noqa: E501

TemplateScope is the template scope in which the template of this node was retrieved. # noqa: E501

**Returns** The template\_scope of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property type** (*self*)

Gets the type of this V1alpha1NodeStatus. # noqa: E501

Type indicates type of node # noqa: E501

**Returns** The type of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property workflow\_template\_name** (*self*)

Gets the workflow\_template\_name of this V1alpha1NodeStatus. # noqa: E501

WorkflowTemplateName is the WorkflowTemplate resource name on which the resolved template of this node is retrieved. DEPRECATED: This value is not used anymore. # noqa: E501

**Returns** The workflow\_template\_name of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.83 argo.models.v1alpha1\_oss\_artifact

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.84 Module Contents

```
class argo.models.v1alpha1_oss_artifact.V1alpha1OSSArtifact (key=None,
                                                            o_ss_bucket=None,
                                                            lo-
                                                            cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1OSSArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property key** (*self*)

Gets the key of this V1alpha1OSSArtifact. # noqa: E501

**Returns** The key of this V1alpha1OSSArtifact. # noqa: E501

**Return type** str

**property o\_ss\_bucket** (*self*)

Gets the o\_ss\_bucket of this V1alpha1OSSArtifact. # noqa: E501

**Returns** The o\_ss\_bucket of this V1alpha1OSSArtifact. # noqa: E501

**Return type** *V1alpha1OSSBucket*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.85 argo.models.v1alpha1\_oss\_bucket

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.1.86 Module Contents

```
class argo.models.v1alpha1_oss_bucket.V1alpha1OSSBucket (access_key_secret=None,
                                                         bucket=None,          end-
                                                         point=None,          se-
                                                         cret_key_secret=None, lo-
                                                         cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1OSSBucket - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property access\_key\_secret** (*self*)

Gets the access\_key\_secret of this V1alpha1OSSBucket. # noqa: E501

**Returns** The access\_key\_secret of this V1alpha1OSSBucket. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property bucket** (*self*)

Gets the bucket of this V1alpha1OSSBucket. # noqa: E501

**Returns** The bucket of this V1alpha1OSSBucket. # noqa: E501

**Return type** str

**property endpoint** (*self*)

Gets the endpoint of this V1alpha1OSSBucket. # noqa: E501

**Returns** The endpoint of this V1alpha1OSSBucket. # noqa: E501

**Return type** str

**property secret\_key\_secret** (*self*)

Gets the secret\_key\_secret of this V1alpha1OSSBucket. # noqa: E501

**Returns** The secret\_key\_secret of this V1alpha1OSSBucket. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.187 argo.models.v1alpha1\_outputs

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.188 Module Contents

```
class argo.models.v1alpha1_outputs.V1alpha1Outputs (artifacts=None,      param-
                                                    ters=None,  result=None,  lo-
                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Outputs - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property artifacts** (*self*)

Gets the artifacts of this V1alpha1Outputs. # noqa: E501

Artifacts holds the list of output artifacts produced by a step # noqa: E501

**Returns** The artifacts of this V1alpha1Outputs. # noqa: E501

**Return type** list[V1alpha1Artifact]

**property parameters** (*self*)

Gets the parameters of this V1alpha1Outputs. # noqa: E501

Parameters holds the list of output parameters produced by a step # noqa: E501

**Returns** The parameters of this V1alpha1Outputs. # noqa: E501

**Return type** list[V1alpha1Parameter]

**property result** (*self*)

Gets the result of this V1alpha1Outputs. # noqa: E501

Result holds the result (stdout) of a script template # noqa: E501

**Returns** The result of this V1alpha1Outputs. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.189 argo.models.v1alpha1\_parameter

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.190 Module Contents

```
class argo.models.v1alpha1_parameter.V1alpha1Parameter (default=None,  
                                                         global_name=None,  
                                                         name=None, value=None,  
                                                         value_from=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Parameter - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property default** (*self*)

Gets the default of this V1alpha1Parameter. # noqa: E501

Default is the default value to use for an input parameter if a value was not supplied # noqa: E501

**Returns** The default of this V1alpha1Parameter. # noqa: E501

**Return type** str

**property global\_name** (*self*)

Gets the global\_name of this V1alpha1Parameter. # noqa: E501

GlobalName exports an output parameter to the global scope, making it available as '{{work-flow.outputs.parameters.XXXX}}' and in workflow.status.outputs.parameters # noqa: E501

**Returns** The global\_name of this V1alpha1Parameter. # noqa: E501

**Return type** str

**property name** (*self*)

Gets the name of this V1alpha1Parameter. # noqa: E501

Name is the parameter name # noqa: E501

**Returns** The name of this V1alpha1Parameter. # noqa: E501

**Return type** str

**property value** (*self*)

Gets the value of this V1alpha1Parameter. # noqa: E501

Value is the literal value to use for the parameter. If specified in the context of an input parameter, the value takes precedence over any passed values # noqa: E501

**Returns** The value of this V1alpha1Parameter. # noqa: E501



**Return type** str

**property value\_from** (*self*)

Gets the value\_from of this V1alpha1Parameter. # noqa: E501

**Returns** The value\_from of this V1alpha1Parameter. # noqa: E501

**Return type** *V1alpha1ValueFrom*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.91 argo.models.v1alpha1\_pod\_gc

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.92 Module Contents

**class** argo.models.v1alpha1\_pod\_gc.V1alpha1PodGC (*strategy=None*, *local\_vars\_configuration=None*) *lo-*

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1PodGC - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property strategy** (*self*)

Gets the strategy of this V1alpha1PodGC. # noqa: E501

**Returns** The strategy of this V1alpha1PodGC. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.93 argo.models.v1alpha1\_prometheus

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.94 Module Contents

```
class argo.models.v1alpha1_prometheus.V1alpha1Prometheus (counter=None,
                                                         gauge=None,
                                                         help=None,          his-
                                                         togram=None,          la-
                                                         bels=None, name=None,
                                                         when=None,            lo-
                                                         cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Prometheus - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property counter** (*self*)

Gets the counter of this V1alpha1Prometheus. # noqa: E501

**Returns** The counter of this V1alpha1Prometheus. # noqa: E501

**Return type** *V1alpha1Counter*

**property gauge** (*self*)

Gets the gauge of this V1alpha1Prometheus. # noqa: E501

**Returns** The gauge of this V1alpha1Prometheus. # noqa: E501

**Return type** *V1alpha1Gauge*

**property help** (*self*)

Gets the help of this V1alpha1Prometheus. # noqa: E501

**Returns** The help of this V1alpha1Prometheus. # noqa: E501

**Return type** str

**property histogram** (*self*)

Gets the histogram of this V1alpha1Prometheus. # noqa: E501

**Returns** The histogram of this V1alpha1Prometheus. # noqa: E501

**Return type** *V1alpha1Histogram*

**property labels** (*self*)

Gets the labels of this V1alpha1Prometheus. # noqa: E501

**Returns** The labels of this V1alpha1Prometheus. # noqa: E501

**Return type** list[*V1alpha1MetricLabel*]

**property name** (*self*)

Gets the name of this V1alpha1Prometheus. # noqa: E501

**Returns** The name of this V1alpha1Prometheus. # noqa: E501

**Return type** str

**property when** (*self*)

Gets the when of this V1alpha1Prometheus. # noqa: E501

**Returns** The when of this V1alpha1Prometheus. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.95 argo.models.v1alpha1\_raw\_artifact

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.96 Module Contents

**class** argo.models.v1alpha1\_raw\_artifact.V1alpha1RawArtifact (*data=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1RawArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property data** (*self*)

Gets the data of this V1alpha1RawArtifact. # noqa: E501

Data is the string contents of the artifact # noqa: E501

**Returns** The data of this V1alpha1RawArtifact. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.97 argo.models.v1alpha1\_resource\_template

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.98 Module Contents

```
class argo.models.v1alpha1_resource_template.V1alpha1ResourceTemplate (action=None,  
                                                                    fail-  
                                                                    ure_condition=None,  
                                                                    mani-  
                                                                    fest=None,  
                                                                    merge_strategy=None,  
                                                                    set_owner_reference=None,  
                                                                    suc-  
                                                                    cess_condition=None,  
                                                                    lo-  
                                                                    cal_vars_configuration=None
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ResourceTemplate - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property action** (*self*)

Gets the action of this V1alpha1ResourceTemplate. # noqa: E501

Action is the action to perform to the resource. Must be one of: get, create, apply, delete, replace, patch # noqa: E501

**Returns** The action of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** str

**property failure\_condition** (*self*)

Gets the failure\_condition of this V1alpha1ResourceTemplate. # noqa: E501

FailureCondition is a label selector expression which describes the conditions of the k8s resource in which the step was considered failed # noqa: E501

**Returns** The failure\_condition of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** str

**property manifest** (*self*)

Gets the manifest of this V1alpha1ResourceTemplate. # noqa: E501

Manifest contains the kubernetes manifest # noqa: E501

**Returns** The manifest of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** str

**property merge\_strategy** (*self*)

Gets the merge\_strategy of this V1alpha1ResourceTemplate. # noqa: E501

MergeStrategy is the strategy used to merge a patch. It defaults to “strategic” Must be one of: strategic, merge, json # noqa: E501

**Returns** The merge\_strategy of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** str

**property set\_owner\_reference** (*self*)

Gets the set\_owner\_reference of this V1alpha1ResourceTemplate. # noqa: E501

SetOwnerReference sets the reference to the workflow on the OwnerReference of generated resource. # noqa: E501

**Returns** The set\_owner\_reference of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** bool

**property success\_condition** (*self*)

Gets the success\_condition of this V1alpha1ResourceTemplate. # noqa: E501

SuccessCondition is a label selector expression which describes the conditions of the k8s resource in which it is acceptable to proceed to the following step # noqa: E501

**Returns** The success\_condition of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**1.1.1.1.99 argo.models.v1alpha1\_retry\_strategy**

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

**1.1.1.1.100 Module Contents**

```
class argo.models.v1alpha1_retry_strategy.V1alpha1RetryStrategy (limit=None,
                                                                    lo-
                                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1RetryStrategy - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** `limit (self)`

Gets the limit of this V1alpha1RetryStrategy. # noqa: E501

Limit is the maximum number of attempts when retrying a container # noqa: E501

**Returns** The limit of this V1alpha1RetryStrategy. # noqa: E501

**Return type** int

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.101 `argo.models.v1alpha1_s3_artifact`

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.102 Module Contents

```
class argo.models.v1alpha1_s3_artifact.V1alpha1S3Artifact (access_key_secret=None,
                                                            bucket=None,      end-
                                                            point=None,      inse-
                                                            cure=None, key=None,
                                                            region=None,
                                                            role_arn=None,    se-
                                                            cret_key_secret=None,
                                                            lo-
                                                            cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1S3Artifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** `access_key_secret (self)`

Gets the access\_key\_secret of this V1alpha1S3Artifact. # noqa: E501

**Returns** The access\_key\_secret of this V1alpha1S3Artifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property** `bucket (self)`

Gets the bucket of this V1alpha1S3Artifact. # noqa: E501

Bucket is the name of the bucket # noqa: E501

**Returns** The bucket of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property endpoint** (*self*)

Gets the endpoint of this V1alpha1S3Artifact. # noqa: E501

Endpoint is the hostname of the bucket endpoint # noqa: E501

**Returns** The endpoint of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property insecure** (*self*)

Gets the insecure of this V1alpha1S3Artifact. # noqa: E501

Insecure will connect to the service with TLS # noqa: E501

**Returns** The insecure of this V1alpha1S3Artifact. # noqa: E501

**Return type** bool

**property key** (*self*)

Gets the key of this V1alpha1S3Artifact. # noqa: E501

Key is the key in the bucket where the artifact resides # noqa: E501

**Returns** The key of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property region** (*self*)

Gets the region of this V1alpha1S3Artifact. # noqa: E501

Region contains the optional bucket region # noqa: E501

**Returns** The region of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property role\_arn** (*self*)

Gets the role\_arn of this V1alpha1S3Artifact. # noqa: E501

RoleARN is the Amazon Resource Name (ARN) of the role to assume. # noqa: E501

**Returns** The role\_arn of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property secret\_key\_secret** (*self*)

Gets the secret\_key\_secret of this V1alpha1S3Artifact. # noqa: E501

**Returns** The secret\_key\_secret of this V1alpha1S3Artifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.103 `argo.models.v1alpha1_s3_bucket`

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.104 Module Contents

```
class argo.models.v1alpha1_s3_bucket.V1alpha1S3Bucket (access_key_secret=None,
                                                         bucket=None,          end-
                                                         point=None,          inse-
                                                         cure=None,    region=None,
                                                         role_arn=None,    se-
                                                         cret_key_secret=None,    lo-
                                                         cal_vars_configuration=None)
```

Bases: `object`

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1S3Bucket - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property access\_key\_secret** (*self*)

Gets the access\_key\_secret of this V1alpha1S3Bucket. # noqa: E501

**Returns** The access\_key\_secret of this V1alpha1S3Bucket. # noqa: E501

**Return type** `kubernetes.client.models.V1SecretKeySelector`

**property bucket** (*self*)

Gets the bucket of this V1alpha1S3Bucket. # noqa: E501

Bucket is the name of the bucket # noqa: E501

**Returns** The bucket of this V1alpha1S3Bucket. # noqa: E501

**Return type** `str`

**property endpoint** (*self*)

Gets the endpoint of this V1alpha1S3Bucket. # noqa: E501

Endpoint is the hostname of the bucket endpoint # noqa: E501

**Returns** The endpoint of this V1alpha1S3Bucket. # noqa: E501

**Return type** `str`

**property insecure** (*self*)

Gets the insecure of this V1alpha1S3Bucket. # noqa: E501

Insecure will connect to the service with TLS # noqa: E501

**Returns** The insecure of this V1alpha1S3Bucket. # noqa: E501

**Return type** `bool`



**property region** (*self*)

Gets the region of this V1alpha1S3Bucket. # noqa: E501

Region contains the optional bucket region # noqa: E501

**Returns** The region of this V1alpha1S3Bucket. # noqa: E501

**Return type** str

**property role\_arn** (*self*)

Gets the role\_arn of this V1alpha1S3Bucket. # noqa: E501

RoleARN is the Amazon Resource Name (ARN) of the role to assume. # noqa: E501

**Returns** The role\_arn of this V1alpha1S3Bucket. # noqa: E501

**Return type** str

**property secret\_key\_secret** (*self*)

Gets the secret\_key\_secret of this V1alpha1S3Bucket. # noqa: E501

**Returns** The secret\_key\_secret of this V1alpha1S3Bucket. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**1.1.1.1.105 argo.models.v1alpha1\_script\_template**

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.106 Module Contents

```
class argo.models.v1alpha1_script_template.V1alpha1ScriptTemplate (args=None,
                                                                    com-
                                                                    mand=None,
                                                                    env=None,
                                                                    env_from=None,
                                                                    im-
                                                                    age=None,
                                                                    im-
                                                                    age_pull_policy=None,
                                                                    lifecy-
                                                                    cle=None,
                                                                    live-
                                                                    ness_probe=None,
                                                                    name=None,
                                                                    ports=None,
                                                                    readi-
                                                                    ness_probe=None,
                                                                    re-
                                                                    sources=None,
                                                                    secu-
                                                                    rity_context=None,
                                                                    source=None,
                                                                    stdin=None,
                                                                    stdin_once=None,
                                                                    termina-
                                                                    tion_message_path=None,
                                                                    termina-
                                                                    tion_message_policy=None,
                                                                    tty=None,
                                                                    vol-
                                                                    ume_devices=None,
                                                                    vol-
                                                                    ume_mounts=None,
                                                                    work-
                                                                    ing_dir=None,
                                                                    lo-
                                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ScriptTemplate - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property args** (*self*)

Gets the args of this V1alpha1ScriptTemplate. # noqa: E501

Arguments to the entrypoint. The docker image's CMD is used if this is not provided. Variable references \$(VAR\_NAME) are expanded using the container's environment. If a variable cannot be resolved, the reference in the input string will be unchanged. The \$(VAR\_NAME) syntax can be escaped with a double

\$\$, ie: \$(VAR\_NAME). Escaped references will never be expanded, regardless of whether the variable exists or not. Cannot be updated. More info: <https://kubernetes.io/docs/tasks/inject-data-application/define-command-argument-container/#running-a-command-in-a-shell> # noqa: E501

**Returns** The args of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[str]

**property command** (*self*)

Gets the command of this V1alpha1ScriptTemplate. # noqa: E501

Entrypoint array. Not executed within a shell. The docker image's ENTRYPOINT is used if this is not provided. Variable references \$(VAR\_NAME) are expanded using the container's environment. If a variable cannot be resolved, the reference in the input string will be unchanged. The \$(VAR\_NAME) syntax can be escaped with a double \$\$, ie: \$\$\$(VAR\_NAME). Escaped references will never be expanded, regardless of whether the variable exists or not. Cannot be updated. More info: <https://kubernetes.io/docs/tasks/inject-data-application/define-command-argument-container/#running-a-command-in-a-shell> # noqa: E501

**Returns** The command of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[str]

**property env** (*self*)

Gets the env of this V1alpha1ScriptTemplate. # noqa: E501

List of environment variables to set in the container. Cannot be updated. # noqa: E501

**Returns** The env of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[kubernetes.client.models.V1EnvVar]

**property env\_from** (*self*)

Gets the env\_from of this V1alpha1ScriptTemplate. # noqa: E501

List of sources to populate environment variables in the container. The keys defined within a source must be a C\_IDENTIFIER. All invalid keys will be reported as an event when the container is starting. When a key exists in multiple sources, the value associated with the last source will take precedence. Values defined by an Env with a duplicate key will take precedence. Cannot be updated. # noqa: E501

**Returns** The env\_from of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[kubernetes.client.models.V1EnvFromSource]

**property image** (*self*)

Gets the image of this V1alpha1ScriptTemplate. # noqa: E501

Docker image name. More info: <https://kubernetes.io/docs/concepts/containers/images> This field is optional to allow higher level config management to default or override container images in workload controllers like Deployments and StatefulSets. # noqa: E501

**Returns** The image of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**property image\_pull\_policy** (*self*)

Gets the image\_pull\_policy of this V1alpha1ScriptTemplate. # noqa: E501

Image pull policy. One of Always, Never, IfNotPresent. Defaults to Always if :latest tag is specified, or IfNotPresent otherwise. Cannot be updated. More info: <https://kubernetes.io/docs/concepts/containers/images#updating-images> # noqa: E501

**Returns** The image\_pull\_policy of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**property lifecycle** (*self*)

Gets the lifecycle of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The lifecycle of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** kubernetes.client.models.V1Lifecycle

**property liveness\_probe** (*self*)

Gets the liveness\_probe of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The liveness\_probe of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** kubernetes.client.models.V1Probe

**property name** (*self*)

Gets the name of this V1alpha1ScriptTemplate. # noqa: E501

Name of the container specified as a DNS\_LABEL. Each container in a pod must have a unique name (DNS\_LABEL). Cannot be updated. # noqa: E501

**Returns** The name of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**property ports** (*self*)

Gets the ports of this V1alpha1ScriptTemplate. # noqa: E501

List of ports to expose from the container. Exposing a port here gives the system additional information about the network connections a container uses, but is primarily informational. Not specifying a port here DOES NOT prevent that port from being exposed. Any port which is listening on the default "0.0.0.0" address inside a container will be accessible from the network. Cannot be updated. # noqa: E501

**Returns** The ports of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[kubernetes.client.models.V1ContainerPort]

**property readiness\_probe** (*self*)

Gets the readiness\_probe of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The readiness\_probe of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** kubernetes.client.models.V1Probe

**property resources** (*self*)

Gets the resources of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The resources of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** kubernetes.client.models.V1ResourceRequirements

**property security\_context** (*self*)

Gets the security\_context of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The security\_context of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** kubernetes.client.models.V1SecurityContext

**property source** (*self*)

Gets the source of this V1alpha1ScriptTemplate. # noqa: E501

Source contains the source code of the script to execute # noqa: E501

**Returns** The source of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**property stdin** (*self*)

Gets the stdin of this V1alpha1ScriptTemplate. # noqa: E501

Whether this container should allocate a buffer for stdin in the container runtime. If this is not set, reads from stdin in the container will always result in EOF. Default is false. # noqa: E501

**Returns** The stdin of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** bool

**property stdin\_once** (*self*)

Gets the stdin\_once of this V1alpha1ScriptTemplate. # noqa: E501

Whether the container runtime should close the stdin channel after it has been opened by a single attach. When stdin is true the stdin stream will remain open across multiple attach sessions. If stdinOnce is set to true, stdin is opened on container start, is empty until the first client attaches to stdin, and then remains open and accepts data until the client disconnects, at which time stdin is closed and remains closed until the container is restarted. If this flag is false, a container processes that reads from stdin will never receive an EOF. Default is false # noqa: E501

**Returns** The stdin\_once of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** bool

**property termination\_message\_path** (*self*)

Gets the termination\_message\_path of this V1alpha1ScriptTemplate. # noqa: E501

Optional: Path at which the file to which the container's termination message will be written is mounted into the container's filesystem. Message written is intended to be brief final status, such as an assertion failure message. Will be truncated by the node if greater than 4096 bytes. The total message length across all containers will be limited to 12kb. Defaults to /dev/termination-log. Cannot be updated. # noqa: E501

**Returns** The termination\_message\_path of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**property termination\_message\_policy** (*self*)

Gets the termination\_message\_policy of this V1alpha1ScriptTemplate. # noqa: E501

Indicate how the termination message should be populated. File will use the contents of terminationMessagePath to populate the container status message on both success and failure. FallbackToLogsOnError will use the last chunk of container log output if the termination message file is empty and the container exited with an error. The log output is limited to 2048 bytes or 80 lines, whichever is smaller. Defaults to File. Cannot be updated. # noqa: E501

**Returns** The termination\_message\_policy of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**property tty** (*self*)

Gets the tty of this V1alpha1ScriptTemplate. # noqa: E501

Whether this container should allocate a TTY for itself, also requires 'stdin' to be true. Default is false. # noqa: E501

**Returns** The tty of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** bool

**property volume\_devices** (*self*)

Gets the volume\_devices of this V1alpha1ScriptTemplate. # noqa: E501

volumeDevices is the list of block devices to be used by the container. This is a beta feature. # noqa: E501

**Returns** The volume\_devices of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[kubernetes.client.models.V1VolumeDevice]

**property volume\_mounts** (*self*)

Gets the volume\_mounts of this V1alpha1ScriptTemplate. # noqa: E501

Pod volumes to mount into the container's filesystem. Cannot be updated. # noqa: E501

**Returns** The volume\_mounts of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[kubernetes.client.models.V1VolumeMount]

**property working\_dir** (*self*)

Gets the working\_dir of this V1alpha1ScriptTemplate. # noqa: E501

Container's working directory. If not specified, the container runtime's default will be used, which might be configured in the container image. Cannot be updated. # noqa: E501

**Returns** The working\_dir of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.107 argo.models.v1alpha1\_sequence

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.108 Module Contents

```
class argo.models.v1alpha1_sequence.V1alpha1Sequence (count=None, end=None,  
                                                    format=None, start=None, lo-  
                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Sequence - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property count** (*self*)

Gets the count of this V1alpha1Sequence. # noqa: E501

Count is number of elements in the sequence (default: 0). Not to be used with end # noqa: E501

**Returns** The count of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property end** (*self*)

Gets the end of this V1alpha1Sequence. # noqa: E501

Number at which to end the sequence (default: 0). Not to be used with Count # noqa: E501

**Returns** The end of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property format** (*self*)

Gets the format of this V1alpha1Sequence. # noqa: E501

Format is a printf format string to format the value in the sequence # noqa: E501

**Returns** The format of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property start** (*self*)

Gets the start of this V1alpha1Sequence. # noqa: E501

Number at which to start the sequence (default: 0) # noqa: E501

**Returns** The start of this V1alpha1Sequence. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.109 argo.models.v1alpha1\_suspend\_template

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.110 Module Contents

**class** argo.models.v1alpha1\_suspend\_template.V1alpha1SuspendTemplate (*duration=None*,  
lo-  
cal\_vars\_configuration=None)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1SuspendTemplate - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property duration** (*self*)

Gets the duration of this V1alpha1SuspendTemplate. # noqa: E501

Duration is the seconds to wait before automatically resuming a template # noqa: E501

**Returns** The duration of this V1alpha1SuspendTemplate. # noqa: E501

**Return type** int

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.111 `argo.models.v1alpha1_template`

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.112 Module Contents

```
class argo.models.v1alpha1_template.V1alpha1Template (active_deadline_seconds=None,
                                                       affinity=None,
                                                       archive_location=None,
                                                       arguments=None,          auto-
                                                       mount_service_account_token=None,
                                                       container=None,          dae-
                                                       mon=None, dag=None, execu-
                                                       tor=None, host_aliases=None,
                                                       init_containers=None,
                                                       inputs=None,          meta-
                                                       data=None,          name=None,
                                                       node_selector=None,          out-
                                                       puts=None, parallelism=None,
                                                       pod_spec_patch=None,
                                                       priority=None,          prior-
                                                       ity_class_name=None,
                                                       resource=None,
                                                       retry_strategy=None,
                                                       scheduler_name=None,
                                                       script=None,          secu-
                                                       rity_context=None,          ser-
                                                       vice_account_name=None,
                                                       sidecars=None,          steps=None,
                                                       suspend=None,          tem-
                                                       plate=None,          tem-
                                                       plate_ref=None,          tol-
                                                       erations=None,          vol-
                                                       umes=None,          lo-
                                                       cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.



V1alpha1Template - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property active\_deadline\_seconds** (*self*)

Gets the active\_deadline\_seconds of this V1alpha1Template. # noqa: E501

Optional duration in seconds relative to the StartTime that the pod may be active on a node before the system actively tries to terminate the pod; value must be positive integer This field is only applicable to container and script templates. # noqa: E501

**Returns** The active\_deadline\_seconds of this V1alpha1Template. # noqa: E501

**Return type** int

**property affinity** (*self*)

Gets the affinity of this V1alpha1Template. # noqa: E501

**Returns** The affinity of this V1alpha1Template. # noqa: E501

**Return type** `kubernetes.client.models.V1Affinity`

**property archive\_location** (*self*)

Gets the archive\_location of this V1alpha1Template. # noqa: E501

**Returns** The archive\_location of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1ArtifactLocation*

**property arguments** (*self*)

Gets the arguments of this V1alpha1Template. # noqa: E501

**Returns** The arguments of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1Arguments*

**property automount\_service\_account\_token** (*self*)

Gets the automount\_service\_account\_token of this V1alpha1Template. # noqa: E501

AutomountServiceAccountToken indicates whether a service account token should be automatically mounted in pods. ServiceAccountName of ExecutorConfig must be specified if this value is false. # noqa: E501

**Returns** The automount\_service\_account\_token of this V1alpha1Template. # noqa: E501

**Return type** bool

**property container** (*self*)

Gets the container of this V1alpha1Template. # noqa: E501

**Returns** The container of this V1alpha1Template. # noqa: E501

**Return type** `kubernetes.client.models.V1Container`

**property daemon** (*self*)

Gets the daemon of this V1alpha1Template. # noqa: E501

Daemon will allow a workflow to proceed to the next step so long as the container reaches readiness # noqa: E501

**Returns** The daemon of this V1alpha1Template. # noqa: E501

**Return type** bool

**property dag** (*self*)

Gets the dag of this V1alpha1Template. # noqa: E501

**Returns** The dag of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1DAGTemplate*

**property executor** (*self*)

Gets the executor of this V1alpha1Template. # noqa: E501

**Returns** The executor of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1ExecutorConfig*

**property host\_aliases** (*self*)

Gets the host\_aliases of this V1alpha1Template. # noqa: E501

HostAliases is an optional list of hosts and IPs that will be injected into the pod spec # noqa: E501

**Returns** The host\_aliases of this V1alpha1Template. # noqa: E501

**Return type** list[kubernetes.client.models.V1HostAlias]

**property init\_containers** (*self*)

Gets the init\_containers of this V1alpha1Template. # noqa: E501

InitContainers is a list of containers which run before the main container. # noqa: E501

**Returns** The init\_containers of this V1alpha1Template. # noqa: E501

**Return type** list[*V1alpha1UserContainer*]

**property inputs** (*self*)

Gets the inputs of this V1alpha1Template. # noqa: E501

**Returns** The inputs of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1Inputs*

**property metadata** (*self*)

Gets the metadata of this V1alpha1Template. # noqa: E501

**Returns** The metadata of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1Metadata*

**property name** (*self*)

Gets the name of this V1alpha1Template. # noqa: E501

Name is the name of the template # noqa: E501

**Returns** The name of this V1alpha1Template. # noqa: E501

**Return type** str

**property node\_selector** (*self*)

Gets the node\_selector of this V1alpha1Template. # noqa: E501

NodeSelector is a selector to schedule this step of the workflow to be run on the selected node(s). Overrides the selector set at the workflow level. # noqa: E501

**Returns** The node\_selector of this V1alpha1Template. # noqa: E501

**Return type** dict(str, str)

**property outputs** (*self*)

Gets the outputs of this V1alpha1Template. # noqa: E501

**Returns** The outputs of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1Outputs*

**property parallelism** (*self*)

Gets the parallelism of this V1alpha1Template. # noqa: E501

Parallelism limits the max total parallel pods that can execute at the same time within the boundaries of this template invocation. If additional steps/dag templates are invoked, the pods created by those templates will not be counted towards this total. # noqa: E501

**Returns** The parallelism of this V1alpha1Template. # noqa: E501

**Return type** int

**property pod\_spec\_patch** (*self*)

Gets the pod\_spec\_patch of this V1alpha1Template. # noqa: E501

PodSpecPatch holds strategic merge patch to apply against the pod spec. Allows parameterization of container fields which are not strings (e.g. resource limits). # noqa: E501

**Returns** The pod\_spec\_patch of this V1alpha1Template. # noqa: E501

**Return type** str

**property priority** (*self*)

Gets the priority of this V1alpha1Template. # noqa: E501

Priority to apply to workflow pods. # noqa: E501

**Returns** The priority of this V1alpha1Template. # noqa: E501

**Return type** int

**property priority\_class\_name** (*self*)

Gets the priority\_class\_name of this V1alpha1Template. # noqa: E501

PriorityClassName to apply to workflow pods. # noqa: E501

**Returns** The priority\_class\_name of this V1alpha1Template. # noqa: E501

**Return type** str

**property resource** (*self*)

Gets the resource of this V1alpha1Template. # noqa: E501

**Returns** The resource of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1ResourceTemplate*

**property retry\_strategy** (*self*)

Gets the retry\_strategy of this V1alpha1Template. # noqa: E501

**Returns** The retry\_strategy of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1RetryStrategy*

**property scheduler\_name** (*self*)

Gets the scheduler\_name of this V1alpha1Template. # noqa: E501

If specified, the pod will be dispatched by specified scheduler. Or it will be dispatched by workflow scope scheduler if specified. If neither specified, the pod will be dispatched by default scheduler. # noqa: E501

**Returns** The scheduler\_name of this V1alpha1Template. # noqa: E501

**Return type** str

**property script** (*self*)

Gets the script of this V1alpha1Template. # noqa: E501

**Returns** The script of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1ScriptTemplate*

**property security\_context** (*self*)

Gets the security\_context of this V1alpha1Template. # noqa: E501

**Returns** The security\_context of this V1alpha1Template. # noqa: E501

**Return type** `kubernetes.client.models.V1PodSecurityContext`

**property service\_account\_name** (*self*)

Gets the service\_account\_name of this V1alpha1Template. # noqa: E501

ServiceAccountName to apply to workflow pods # noqa: E501

**Returns** The service\_account\_name of this V1alpha1Template. # noqa: E501

**Return type** `str`

**property sidecars** (*self*)

Gets the sidecars of this V1alpha1Template. # noqa: E501

Sidecars is a list of containers which run alongside the main container Sidecars are automatically killed when the main container completes # noqa: E501

**Returns** The sidecars of this V1alpha1Template. # noqa: E501

**Return type** `list[V1alpha1UserContainer]`

**property steps** (*self*)

Gets the steps of this V1alpha1Template. # noqa: E501

Steps define a series of sequential/parallel workflow steps # noqa: E501

**Returns** The steps of this V1alpha1Template. # noqa: E501

**Return type** `list[list[V1alpha1WorkflowStep]]`

**property suspend** (*self*)

Gets the suspend of this V1alpha1Template. # noqa: E501

**Returns** The suspend of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1SuspendTemplate*

**property template** (*self*)

Gets the template of this V1alpha1Template. # noqa: E501

Template is the name of the template which is used as the base of this template. # noqa: E501

**Returns** The template of this V1alpha1Template. # noqa: E501

**Return type** `str`

**property template\_ref** (*self*)

Gets the template\_ref of this V1alpha1Template. # noqa: E501

**Returns** The template\_ref of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1TemplateRef*

**property tolerations** (*self*)

Gets the tolerations of this V1alpha1Template. # noqa: E501

Tolerations to apply to workflow pods. # noqa: E501

**Returns** The tolerations of this V1alpha1Template. # noqa: E501

**Return type** list[kubernetes.client.models.V1Toleration]

**property volumes** (*self*)

Gets the volumes of this V1alpha1Template. # noqa: E501

Volumes is a list of volumes that can be mounted by containers in a template. # noqa: E501

**Returns** The volumes of this V1alpha1Template. # noqa: E501

**Return type** list[kubernetes.client.models.V1Volume]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.113 argo.models.v1alpha1\_template\_ref

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.114 Module Contents

```
class argo.models.v1alpha1_template_ref.V1alpha1TemplateRef (name=None, run-
time_resolution=None,
template=None, lo-
cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1TemplateRef - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property name** (*self*)

Gets the name of this V1alpha1TemplateRef. # noqa: E501

Name is the resource name of the template. # noqa: E501

**Returns** The name of this V1alpha1TemplateRef. # noqa: E501

**Return type** str

**property runtime\_resolution** (*self*)

Gets the runtime\_resolution of this V1alpha1TemplateRef. # noqa: E501

RuntimeResolution skips validation at creation time. By enabling this option, you can create the referred workflow template before the actual runtime. # noqa: E501

**Returns** The runtime\_resolution of this V1alpha1TemplateRef. # noqa: E501

**Return type** bool

**property template** (*self*)

Gets the template of this V1alpha1TemplateRef. # noqa: E501

Template is the name of referred template in the resource. # noqa: E501

**Returns** The template of this V1alpha1TemplateRef. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.115 argo.models.v1alpha1\_ttl\_strategy

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.116 Module Contents

```
class argo.models.v1alpha1_ttl_strategy.V1alpha1TTLStrategy (seconds_after_completion=None,  
                                                             sec-  
                                                             onds_after_failure=None,  
                                                             sec-  
                                                             onds_after_success=None,  
                                                             lo-  
                                                             cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1TTLStrategy - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property seconds\_after\_completion** (*self*)

Gets the seconds\_after\_completion of this V1alpha1TTLStrategy. # noqa: E501

**Returns** The seconds\_after\_completion of this V1alpha1TTLStrategy. # noqa: E501

**Return type** int

**property seconds\_after\_failure** (*self*)

Gets the seconds\_after\_failure of this V1alpha1TTLStrategy. # noqa: E501

**Returns** The seconds\_after\_failure of this V1alpha1TTLStrategy. # noqa: E501

**Return type** int

**property** `seconds_after_success` (*self*)

Gets the `seconds_after_success` of this `V1alpha1TTLStrategy`. # noqa: E501

**Returns** The `seconds_after_success` of this `V1alpha1TTLStrategy`. # noqa: E501

**Return type** `int`

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.117 `argo.models.v1alpha1_user_container`

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.118 Module Contents

```
class argo.models.v1alpha1_user_container.V1alpha1UserContainer (args=None,
                                                                com-
                                                                mand=None,
                                                                env=None,
                                                                env_from=None,
                                                                image=None,
                                                                im-
                                                                age_pull_policy=None,
                                                                lifecy-
                                                                cle=None,
                                                                live-
                                                                ness_probe=None,
                                                                mir-
                                                                ror_volume_mounts=None,
                                                                name=None,
                                                                ports=None,
                                                                readi-
                                                                ness_probe=None,
                                                                re-
                                                                sources=None,
                                                                secu-
                                                                rity_context=None,
                                                                stdin=None,
                                                                stdin_once=None,
                                                                termina-
                                                                tion_message_path=None,
                                                                termina-
                                                                tion_message_policy=None,
                                                                tty=None, vol-
                                                                ume_devices=None,
                                                                vol-
                                                                ume_mounts=None,
                                                                work-
                                                                ing_dir=None,
                                                                lo-
                                                                cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1UserContainer - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property args** (*self*)

Gets the args of this V1alpha1UserContainer. # noqa: E501

Arguments to the entrypoint. The docker image's CMD is used if this is not provided. Variable references \$(VAR\_NAME) are expanded using the container's environment. If a variable cannot be resolved, the reference in the input string will be unchanged. The \$(VAR\_NAME) syntax can be escaped with a double \$\$, ie: \$\$\$(VAR\_NAME). Escaped references will never be expanded, regardless of whether the vari-



able exists or not. Cannot be updated. More info: <https://kubernetes.io/docs/tasks/inject-data-application/define-command-argument-container/#running-a-command-in-a-shell> # noqa: E501

**Returns** The args of this V1alpha1UserContainer. # noqa: E501

**Return type** list[str]

**property command** (*self*)

Gets the command of this V1alpha1UserContainer. # noqa: E501

Entrypoint array. Not executed within a shell. The docker image's ENTRYPOINT is used if this is not provided. Variable references \$(VAR\_NAME) are expanded using the container's environment. If a variable cannot be resolved, the reference in the input string will be unchanged. The \$(VAR\_NAME) syntax can be escaped with a double \$\$, ie: \$\$\$(VAR\_NAME). Escaped references will never be expanded, regardless of whether the variable exists or not. Cannot be updated. More info: <https://kubernetes.io/docs/tasks/inject-data-application/define-command-argument-container/#running-a-command-in-a-shell> # noqa: E501

**Returns** The command of this V1alpha1UserContainer. # noqa: E501

**Return type** list[str]

**property env** (*self*)

Gets the env of this V1alpha1UserContainer. # noqa: E501

List of environment variables to set in the container. Cannot be updated. # noqa: E501

**Returns** The env of this V1alpha1UserContainer. # noqa: E501

**Return type** list[kubernetes.client.models.V1EnvVar]

**property env\_from** (*self*)

Gets the env\_from of this V1alpha1UserContainer. # noqa: E501

List of sources to populate environment variables in the container. The keys defined within a source must be a C\_IDENTIFIER. All invalid keys will be reported as an event when the container is starting. When a key exists in multiple sources, the value associated with the last source will take precedence. Values defined by an Env with a duplicate key will take precedence. Cannot be updated. # noqa: E501

**Returns** The env\_from of this V1alpha1UserContainer. # noqa: E501

**Return type** list[kubernetes.client.models.V1EnvFromSource]

**property image** (*self*)

Gets the image of this V1alpha1UserContainer. # noqa: E501

Docker image name. More info: <https://kubernetes.io/docs/concepts/containers/images> This field is optional to allow higher level config management to default or override container images in workload controllers like Deployments and StatefulSets. # noqa: E501

**Returns** The image of this V1alpha1UserContainer. # noqa: E501

**Return type** str

**property image\_pull\_policy** (*self*)

Gets the image\_pull\_policy of this V1alpha1UserContainer. # noqa: E501

Image pull policy. One of Always, Never, IfNotPresent. Defaults to Always if :latest tag is specified, or IfNotPresent otherwise. Cannot be updated. More info: <https://kubernetes.io/docs/concepts/containers/images#updating-images> # noqa: E501

**Returns** The image\_pull\_policy of this V1alpha1UserContainer. # noqa: E501

**Return type** str

**property lifecycle** (*self*)

Gets the lifecycle of this V1alpha1UserContainer. # noqa: E501

**Returns** The lifecycle of this V1alpha1UserContainer. # noqa: E501

**Return type** `kubernetes.client.models.V1Lifecycle`

**property liveness\_probe** (*self*)

Gets the liveness\_probe of this V1alpha1UserContainer. # noqa: E501

**Returns** The liveness\_probe of this V1alpha1UserContainer. # noqa: E501

**Return type** `kubernetes.client.models.V1Probe`

**property mirror\_volume\_mounts** (*self*)

Gets the mirror\_volume\_mounts of this V1alpha1UserContainer. # noqa: E501

MirrorVolumeMounts will mount the same volumes specified in the main container to the container (including artifacts), at the same mountPaths. This enables dind daemon to partially see the same filesystem as the main container in order to use features such as docker volume binding # noqa: E501

**Returns** The mirror\_volume\_mounts of this V1alpha1UserContainer. # noqa: E501

**Return type** `bool`

**property name** (*self*)

Gets the name of this V1alpha1UserContainer. # noqa: E501

Name of the container specified as a DNS\_LABEL. Each container in a pod must have a unique name (DNS\_LABEL). Cannot be updated. # noqa: E501

**Returns** The name of this V1alpha1UserContainer. # noqa: E501

**Return type** `str`

**property ports** (*self*)

Gets the ports of this V1alpha1UserContainer. # noqa: E501

List of ports to expose from the container. Exposing a port here gives the system additional information about the network connections a container uses, but is primarily informational. Not specifying a port here DOES NOT prevent that port from being exposed. Any port which is listening on the default “0.0.0.0” address inside a container will be accessible from the network. Cannot be updated. # noqa: E501

**Returns** The ports of this V1alpha1UserContainer. # noqa: E501

**Return type** `list[kubernetes.client.models.V1ContainerPort]`

**property readiness\_probe** (*self*)

Gets the readiness\_probe of this V1alpha1UserContainer. # noqa: E501

**Returns** The readiness\_probe of this V1alpha1UserContainer. # noqa: E501

**Return type** `kubernetes.client.models.V1Probe`

**property resources** (*self*)

Gets the resources of this V1alpha1UserContainer. # noqa: E501

**Returns** The resources of this V1alpha1UserContainer. # noqa: E501

**Return type** `kubernetes.client.models.V1ResourceRequirements`

**property security\_context** (*self*)

Gets the security\_context of this V1alpha1UserContainer. # noqa: E501

**Returns** The security\_context of this V1alpha1UserContainer. # noqa: E501

**Return type** `kubernetes.client.models.V1SecurityContext`

**property stdin** (*self*)

Gets the stdin of this V1alpha1UserContainer. # noqa: E501

Whether this container should allocate a buffer for stdin in the container runtime. If this is not set, reads from stdin in the container will always result in EOF. Default is false. # noqa: E501

**Returns** The stdin of this V1alpha1UserContainer. # noqa: E501

**Return type** bool

**property stdin\_once** (*self*)

Gets the stdin\_once of this V1alpha1UserContainer. # noqa: E501

Whether the container runtime should close the stdin channel after it has been opened by a single attach. When stdin is true the stdin stream will remain open across multiple attach sessions. If stdinOnce is set to true, stdin is opened on container start, is empty until the first client attaches to stdin, and then remains open and accepts data until the client disconnects, at which time stdin is closed and remains closed until the container is restarted. If this flag is false, a container processes that reads from stdin will never receive an EOF. Default is false # noqa: E501

**Returns** The stdin\_once of this V1alpha1UserContainer. # noqa: E501

**Return type** bool

**property termination\_message\_path** (*self*)

Gets the termination\_message\_path of this V1alpha1UserContainer. # noqa: E501

Optional: Path at which the file to which the container's termination message will be written is mounted into the container's filesystem. Message written is intended to be brief final status, such as an assertion failure message. Will be truncated by the node if greater than 4096 bytes. The total message length across all containers will be limited to 12kb. Defaults to /dev/termination-log. Cannot be updated. # noqa: E501

**Returns** The termination\_message\_path of this V1alpha1UserContainer. # noqa: E501

**Return type** str

**property termination\_message\_policy** (*self*)

Gets the termination\_message\_policy of this V1alpha1UserContainer. # noqa: E501

Indicate how the termination message should be populated. File will use the contents of terminationMessagePath to populate the container status message on both success and failure. FallbackToLogsOnError will use the last chunk of container log output if the termination message file is empty and the container exited with an error. The log output is limited to 2048 bytes or 80 lines, whichever is smaller. Defaults to File. Cannot be updated. # noqa: E501

**Returns** The termination\_message\_policy of this V1alpha1UserContainer. # noqa: E501

**Return type** str

**property tty** (*self*)

Gets the tty of this V1alpha1UserContainer. # noqa: E501

Whether this container should allocate a TTY for itself, also requires 'stdin' to be true. Default is false. # noqa: E501

**Returns** The tty of this V1alpha1UserContainer. # noqa: E501

**Return type** bool

**property volume\_devices** (*self*)

Gets the volume\_devices of this V1alpha1UserContainer. # noqa: E501

volumeDevices is the list of block devices to be used by the container. This is a beta feature. # noqa: E501

**Returns** The volume\_devices of this V1alpha1UserContainer. # noqa: E501

**Return type** list[kubernetes.client.models.V1VolumeDevice]

**property volume\_mounts** (*self*)  
 Gets the volume\_mounts of this V1alpha1UserContainer. # noqa: E501

Pod volumes to mount into the container's filesystem. Cannot be updated. # noqa: E501

**Returns** The volume\_mounts of this V1alpha1UserContainer. # noqa: E501

**Return type** list[kubernetes.client.models.V1VolumeMount]

**property working\_dir** (*self*)  
 Gets the working\_dir of this V1alpha1UserContainer. # noqa: E501

Container's working directory. If not specified, the container runtime's default will be used, which might be configured in the container image. Cannot be updated. # noqa: E501

**Returns** The working\_dir of this V1alpha1UserContainer. # noqa: E501

**Return type** str

**to\_dict** (*self*)  
 Returns the model properties as a dict

**to\_str** (*self*)  
 Returns the string representation of the model

#### 1.1.1.1.119 argo.models.v1alpha1\_value\_from

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.120 Module Contents

**class** argo.models.v1alpha1\_value\_from.V1alpha1ValueFrom (*jq\_filter=None*,  
*json\_path=None*, *parameter=None*, *path=None*, *local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ValueFrom - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property jq\_filter** (*self*)

Gets the jq\_filter of this V1alpha1ValueFrom. # noqa: E501

JQFilter expression against the resource object in resource templates # noqa: E501

**Returns** The jq\_filter of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property json\_path** (*self*)

Gets the json\_path of this V1alpha1ValueFrom. # noqa: E501

JSONPath of a resource to retrieve an output parameter value from in resource templates # noqa: E501

**Returns** The json\_path of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property parameter** (*self*)

Gets the parameter of this V1alpha1ValueFrom. # noqa: E501

Parameter reference to a step or dag task in which to retrieve an output parameter value from (e.g. '{{steps.mystep.outputs.myparam}}') # noqa: E501

**Returns** The parameter of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property path** (*self*)

Gets the path of this V1alpha1ValueFrom. # noqa: E501

Path in the container to retrieve an output parameter value from in container templates # noqa: E501

**Returns** The path of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.121 argo.models.v1alpha1\_workflow

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.122 Module Contents

```
class argo.models.v1alpha1_workflow.V1alpha1Workflow(api_version=None,
                                                    kind=None, metadata=None,
                                                    spec=None, status=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Workflow - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property api\_version** (*self*)

Gets the api\_version of this V1alpha1Workflow. # noqa: E501

APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#resources> # noqa: E501

**Returns** The api\_version of this V1alpha1Workflow. # noqa: E501

**Return type** str

**property kind** (*self*)

Gets the kind of this V1alpha1Workflow. # noqa: E501

Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds> # noqa: E501

**Returns** The kind of this V1alpha1Workflow. # noqa: E501

**Return type** str

**property metadata** (*self*)

Gets the metadata of this V1alpha1Workflow. # noqa: E501

**Returns** The metadata of this V1alpha1Workflow. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1ObjectMeta

**property spec** (*self*)

Gets the spec of this V1alpha1Workflow. # noqa: E501

**Returns** The spec of this V1alpha1Workflow. # noqa: E501

**Return type** *V1alpha1WorkflowSpec*

**property status** (*self*)

Gets the status of this V1alpha1Workflow. # noqa: E501

**Returns** The status of this V1alpha1Workflow. # noqa: E501

**Return type** *V1alpha1WorkflowStatus*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**1.1.1.1.123 argo.models.v1alpha1\_workflow\_create\_request**

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

## 1.1.1.1.1.124 Module Contents

```
class argo.models.v1alpha1_workflow_create_request.V1alpha1WorkflowCreateRequest (create_options=None, instance_id=None, namespace=None, pace=None, server_dry_run=None, workflow=None, local_vars_conf=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowCreateRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property create\_options** (*self*)

Gets the create\_options of this V1alpha1WorkflowCreateRequest. # noqa: E501

**Returns** The create\_options of this V1alpha1WorkflowCreateRequest. # noqa: E501

**Return type** kubernetes.client.models.V1CreateOptions

**property instance\_id** (*self*)

Gets the instance\_id of this V1alpha1WorkflowCreateRequest. # noqa: E501

**Returns** The instance\_id of this V1alpha1WorkflowCreateRequest. # noqa: E501

**Return type** str

**property namespace** (*self*)

Gets the namespace of this V1alpha1WorkflowCreateRequest. # noqa: E501

**Returns** The namespace of this V1alpha1WorkflowCreateRequest. # noqa: E501

**Return type** str

**property server\_dry\_run** (*self*)

Gets the server\_dry\_run of this V1alpha1WorkflowCreateRequest. # noqa: E501

**Returns** The server\_dry\_run of this V1alpha1WorkflowCreateRequest. # noqa: E501

**Return type** bool

**property workflow** (*self*)

Gets the workflow of this V1alpha1WorkflowCreateRequest. # noqa: E501

**Returns** The workflow of this V1alpha1WorkflowCreateRequest. # noqa: E501

**Return type** *V1alpha1Workflow*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.125 `argo.models.v1alpha1_workflow_lint_request`

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.126 Module Contents

```
class argo.models.v1alpha1_workflow_lint_request.V1alpha1WorkflowLintRequest (namespace=None,
                                                                              work-
                                                                              flow=None,
                                                                              lo-
                                                                              cal_vars_configurat
```

Bases: `object`

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowLintRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property namespace** (*self*)

Gets the namespace of this V1alpha1WorkflowLintRequest. # noqa: E501

**Returns** The namespace of this V1alpha1WorkflowLintRequest. # noqa: E501

**Return type** `str`

**property workflow** (*self*)

Gets the workflow of this V1alpha1WorkflowLintRequest. # noqa: E501

**Returns** The workflow of this V1alpha1WorkflowLintRequest. # noqa: E501

**Return type** *V1alpha1Workflow*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.127 `argo.models.v1alpha1_workflow_list`

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>



### 1.1.1.1.128 Module Contents

```
class argo.models.v1alpha1_workflow_list.V1alpha1WorkflowList (api_version=None,
                                                                items=None,
                                                                kind=None, meta-
                                                                data=None, lo-
                                                                cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowList - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property api\_version** (*self*)

Gets the api\_version of this V1alpha1WorkflowList. # noqa: E501

APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#resources> # noqa: E501

**Returns** The api\_version of this V1alpha1WorkflowList. # noqa: E501

**Return type** str

**property items** (*self*)

Gets the items of this V1alpha1WorkflowList. # noqa: E501

**Returns** The items of this V1alpha1WorkflowList. # noqa: E501

**Return type** list[V1alpha1Workflow]

**property kind** (*self*)

Gets the kind of this V1alpha1WorkflowList. # noqa: E501

Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds> # noqa: E501

**Returns** The kind of this V1alpha1WorkflowList. # noqa: E501

**Return type** str

**property metadata** (*self*)

Gets the metadata of this V1alpha1WorkflowList. # noqa: E501

**Returns** The metadata of this V1alpha1WorkflowList. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1ListMeta

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.129 `argo.models.v1alpha1_workflow_resubmit_request`

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.130 Module Contents

**class** `argo.models.v1alpha1_workflow_resubmit_request.V1alpha1WorkflowResubmitRequest` (*memoized*)

*name=N*  
*names-*  
*pace=N*  
*lo-*  
*cal\_var*

Bases: `object`

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowResubmitRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** `memoized` (*self*)

Gets the memoized of this V1alpha1WorkflowResubmitRequest. # noqa: E501

**Returns** The memoized of this V1alpha1WorkflowResubmitRequest. # noqa: E501

**Return type** `bool`

**property** `name` (*self*)

Gets the name of this V1alpha1WorkflowResubmitRequest. # noqa: E501

**Returns** The name of this V1alpha1WorkflowResubmitRequest. # noqa: E501

**Return type** `str`

**property** `namespace` (*self*)

Gets the namespace of this V1alpha1WorkflowResubmitRequest. # noqa: E501

**Returns** The namespace of this V1alpha1WorkflowResubmitRequest. # noqa: E501

**Return type** `str`

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**1.1.1.1.131 argo.models.v1alpha1\_workflow\_resume\_request**

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

**1.1.1.1.132 Module Contents**

```
class argo.models.v1alpha1_workflow_resume_request.V1alpha1WorkflowResumeRequest (name=None,
                                         names-
                                         pace=None,
                                         lo-
                                         cal_vars_conf=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowResumeRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property name** (*self*)

Gets the name of this V1alpha1WorkflowResumeRequest. # noqa: E501

**Returns** The name of this V1alpha1WorkflowResumeRequest. # noqa: E501

**Return type** str

**property namespace** (*self*)

Gets the namespace of this V1alpha1WorkflowResumeRequest. # noqa: E501

**Returns** The namespace of this V1alpha1WorkflowResumeRequest. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**1.1.1.1.133 argo.models.v1alpha1\_workflow\_retry\_request**

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.134 Module Contents

```
class argo.models.v1alpha1_workflow_retry_request.V1alpha1WorkflowRetryRequest (name=None,  
                                         names-  
                                         pace=None,  
                                         lo-  
                                         cal_vars_configu
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowRetryRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property name** (*self*)

Gets the name of this V1alpha1WorkflowRetryRequest. # noqa: E501

**Returns** The name of this V1alpha1WorkflowRetryRequest. # noqa: E501

**Return type** str

**property namespace** (*self*)

Gets the namespace of this V1alpha1WorkflowRetryRequest. # noqa: E501

**Returns** The namespace of this V1alpha1WorkflowRetryRequest. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.135 argo.models.v1alpha1\_workflow\_spec

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.136 Module Contents

```
class argo.models.v1alpha1_workflow_spec.V1alpha1WorkflowSpec (active_deadline_seconds=None,
                                                                affinity=None,
                                                                arguments=None,
                                                                arti-
                                                                fact_repository_ref=None,
                                                                auto-
                                                                mount_service_account_token=None,
                                                                dns_config=None,
                                                                dns_policy=None,
                                                                entrypoint=None,
                                                                executor=None,
                                                                host_aliases=None,
                                                                host_network=None,
                                                                im-
                                                                age_pull_secrets=None,
                                                                node_selector=None,
                                                                on_exit=None,
                                                                paral-
                                                                lelism=None,
                                                                pod_gc=None,
                                                                pod_priority=None,
                                                                pod_priority_class_name=None,
                                                                pod_spec_patch=None,
                                                                priority=None,
                                                                sched-
                                                                uler_name=None,
                                                                secu-
                                                                rity_context=None,
                                                                ser-
                                                                vice_account_name=None,
                                                                suspend=None,
                                                                templates=None,
                                                                tolera-
                                                                tions=None,
                                                                ttl_seconds_after_finished=None,
                                                                vol-
                                                                ume_claim_templates=None,
                                                                vol-
                                                                umes=None,  lo-
                                                                cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowSpec - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property active\_deadline\_seconds** (*self*)

Gets the active\_deadline\_seconds of this V1alpha1WorkflowSpec. # noqa: E501

Optional duration in seconds relative to the workflow start time which the workflow is allowed to run before the controller terminates the workflow. A value of zero is used to terminate a Running workflow # noqa: E501

**Returns** The active\_deadline\_seconds of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** int

**property affinity** (*self*)

Gets the affinity of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The affinity of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `kubernetes.client.models.V1Affinity`

**property arguments** (*self*)

Gets the arguments of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The arguments of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `V1alpha1Arguments`

**property artifact\_repository\_ref** (*self*)

Gets the artifact\_repository\_ref of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The artifact\_repository\_ref of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `V1alpha1ArtifactRepositoryRef`

**property automount\_service\_account\_token** (*self*)

Gets the automount\_service\_account\_token of this V1alpha1WorkflowSpec. # noqa: E501

AutomountServiceAccountToken indicates whether a service account token should be automatically mounted in pods. ServiceAccountName of ExecutorConfig must be specified if this value is false. # noqa: E501

**Returns** The automount\_service\_account\_token of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** bool

**property dns\_config** (*self*)

Gets the dns\_config of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The dns\_config of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `kubernetes.client.models.V1PodDNSConfig`

**property dns\_policy** (*self*)

Gets the dns\_policy of this V1alpha1WorkflowSpec. # noqa: E501

Set DNS policy for the pod. Defaults to "ClusterFirst". Valid values are 'ClusterFirstWithHostNet', 'ClusterFirst', 'Default' or 'None'. DNS parameters given in DNSConfig will be merged with the policy selected with DNSPolicy. To have DNS options set along with hostNetwork, you have to specify DNS policy explicitly to 'ClusterFirstWithHostNet'. # noqa: E501

**Returns** The dns\_policy of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property entrypoint** (*self*)

Gets the entrypoint of this V1alpha1WorkflowSpec. # noqa: E501

Entrypoint is a template reference to the starting point of the workflow # noqa: E501

**Returns** The entrypoint of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property executor** (*self*)

Gets the executor of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The executor of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** *V1alpha1ExecutorConfig*

**property host\_aliases** (*self*)

Gets the host\_aliases of this V1alpha1WorkflowSpec. # noqa: E501

HostAliases is an optional list of hosts and IPs that will be injected into the pod spec # noqa: E501

**Returns** The host\_aliases of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** list[kubernetes.client.models.V1HostAlias]

**property host\_network** (*self*)

Gets the host\_network of this V1alpha1WorkflowSpec. # noqa: E501

Host networking requested for this workflow pod. Default to false. # noqa: E501

**Returns** The host\_network of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** bool

**property image\_pull\_secrets** (*self*)

Gets the image\_pull\_secrets of this V1alpha1WorkflowSpec. # noqa: E501

ImagePullSecrets is a list of references to secrets in the same namespace to use for pulling any images in pods that reference this ServiceAccount. ImagePullSecrets are distinct from Secrets because Secrets can be mounted in the pod, but ImagePullSecrets are only accessed by the kubelet. More info: <https://kubernetes.io/docs/concepts/containers/images/#specifying-imagepullsecrets-on-a-pod> # noqa: E501

**Returns** The image\_pull\_secrets of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** list[kubernetes.client.models.V1LocalObjectReference]

**property node\_selector** (*self*)

Gets the node\_selector of this V1alpha1WorkflowSpec. # noqa: E501

NodeSelector is a selector which will result in all pods of the workflow to be scheduled on the selected node(s). This is able to be overridden by a nodeSelector specified in the template. # noqa: E501

**Returns** The node\_selector of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** dict(str, str)

**property on\_exit** (*self*)

Gets the on\_exit of this V1alpha1WorkflowSpec. # noqa: E501

OnExit is a template reference which is invoked at the end of the workflow, irrespective of the success, failure, or error of the primary workflow. # noqa: E501

**Returns** The on\_exit of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property parallelism** (*self*)

Gets the parallelism of this V1alpha1WorkflowSpec. # noqa: E501

Parallelism limits the max total parallel pods that can execute at the same time in a workflow # noqa: E501

**Returns** The parallelism of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** int

**property pod\_gc** (*self*)

Gets the pod\_gc of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The pod\_gc of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** *V1alpha1PodGC*

**property pod\_priority** (*self*)

Gets the pod\_priority of this V1alpha1WorkflowSpec. # noqa: E501

Priority to apply to workflow pods. # noqa: E501

**Returns** The pod\_priority of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** int

**property pod\_priority\_class\_name** (*self*)

Gets the pod\_priority\_class\_name of this V1alpha1WorkflowSpec. # noqa: E501

PriorityClassName to apply to workflow pods. # noqa: E501

**Returns** The pod\_priority\_class\_name of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property pod\_spec\_patch** (*self*)

Gets the pod\_spec\_patch of this V1alpha1WorkflowSpec. # noqa: E501

PodSpecPatch holds strategic merge patch to apply against the pod spec. Allows parameterization of container fields which are not strings (e.g. resource limits). # noqa: E501

**Returns** The pod\_spec\_patch of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property priority** (*self*)

Gets the priority of this V1alpha1WorkflowSpec. # noqa: E501

Priority is used if controller is configured to process limited number of workflows in parallel. Workflows with higher priority are processed first. # noqa: E501

**Returns** The priority of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** int

**property scheduler\_name** (*self*)

Gets the scheduler\_name of this V1alpha1WorkflowSpec. # noqa: E501

Set scheduler name for all pods. Will be overridden if container/script template's scheduler name is set. Default scheduler will be used if neither specified. # noqa: E501

**Returns** The scheduler\_name of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property security\_context** (*self*)

Gets the security\_context of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The security\_context of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `kubernetes.client.models.V1PodSecurityContext`

**property service\_account\_name** (*self*)

Gets the service\_account\_name of this V1alpha1WorkflowSpec. # noqa: E501

ServiceAccountName is the name of the ServiceAccount to run all pods of the workflow as. # noqa: E501

**Returns** The service\_account\_name of this V1alpha1WorkflowSpec. # noqa: E501



**Return type** str

**property suspend** (*self*)

Gets the suspend of this V1alpha1WorkflowSpec. # noqa: E501

Suspend will suspend the workflow and prevent execution of any future steps in the workflow # noqa: E501

**Returns** The suspend of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** bool

**property templates** (*self*)

Gets the templates of this V1alpha1WorkflowSpec. # noqa: E501

Templates is a list of workflow templates used in a workflow # noqa: E501

**Returns** The templates of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** list[V1alpha1Template]

**property tolerations** (*self*)

Gets the tolerations of this V1alpha1WorkflowSpec. # noqa: E501

Tolerations to apply to workflow pods. # noqa: E501

**Returns** The tolerations of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** list[kubernetes.client.models.V1Toleration]

**property ttl\_seconds\_after\_finished** (*self*)

Gets the ttl\_seconds\_after\_finished of this V1alpha1WorkflowSpec. # noqa: E501

TTLSecondsAfterFinished limits the lifetime of a Workflow that has finished execution (Succeeded, Failed, Error). If this field is set, once the Workflow finishes, it will be deleted after ttlSecondsAfterFinished expires. If this field is unset, ttlSecondsAfterFinished will not expire. If this field is set to zero, ttlSecondsAfterFinished expires immediately after the Workflow finishes. # noqa: E501

**Returns** The ttl\_seconds\_after\_finished of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** int

**property volume\_claim\_templates** (*self*)

Gets the volume\_claim\_templates of this V1alpha1WorkflowSpec. # noqa: E501

VolumeClaimTemplates is a list of claims that containers are allowed to reference. The Workflow controller will create the claims at the beginning of the workflow and delete the claims upon completion of the workflow # noqa: E501

**Returns** The volume\_claim\_templates of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** list[kubernetes.client.models.V1PersistentVolumeClaim]

**property volumes** (*self*)

Gets the volumes of this V1alpha1WorkflowSpec. # noqa: E501

Volumes is a list of volumes that can be mounted by containers in a workflow. # noqa: E501

**Returns** The volumes of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** list[kubernetes.client.models.V1Volume]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.137 argo.models.v1alpha1\_workflow\_status

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.138 Module Contents

```
class argo.models.v1alpha1_workflow_status.V1alpha1WorkflowStatus (compressed_nodes=None,  
finished_at=None,  
message=None,  
nodes=None,  
output_artifacts=None,  
persisted_volume_claims=None,  
phase=None,  
started_at=None,  
stored_templates=None,  
template_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowStatus - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property compressed\_nodes** (*self*)

Gets the compressed\_nodes of this V1alpha1WorkflowStatus. # noqa: E501

Compressed and base64 decoded Nodes map # noqa: E501

**Returns** The compressed\_nodes of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** str

**property finished\_at** (*self*)

Gets the finished\_at of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The finished\_at of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1Time

**property message** (*self*)

Gets the message of this V1alpha1WorkflowStatus. # noqa: E501

A human readable message indicating details about why the workflow is in this condition. # noqa: E501

**Returns** The message of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** str

**property nodes** (*self*)

Gets the nodes of this V1alpha1WorkflowStatus. # noqa: E501

Nodes is a mapping between a node ID and the node's status. # noqa: E501

**Returns** The nodes of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** dict(str, *V1alpha1NodeStatus*)

**property outputs** (*self*)

Gets the outputs of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The outputs of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** *V1alpha1Outputs*

**property persistent\_volume\_claims** (*self*)

Gets the persistent\_volume\_claims of this V1alpha1WorkflowStatus. # noqa: E501

PersistentVolumeClaims tracks all PVCs that were created as part of the workflow. The contents of this list are drained at the end of the workflow. # noqa: E501

**Returns** The persistent\_volume\_claims of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** list[kubernetes.client.models.V1Volume]

**property phase** (*self*)

Gets the phase of this V1alpha1WorkflowStatus. # noqa: E501

Phase a simple, high-level summary of where the workflow is in its lifecycle. # noqa: E501

**Returns** The phase of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** str

**property started\_at** (*self*)

Gets the started\_at of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The started\_at of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1Time

**property stored\_templates** (*self*)

Gets the stored\_templates of this V1alpha1WorkflowStatus. # noqa: E501

StoredTemplates is a mapping between a template ref and the node's status. # noqa: E501

**Returns** The stored\_templates of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** dict(str, *V1alpha1Template*)

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.139 `argo.models.v1alpha1_workflow_step`

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.140 Module Contents

```
class argo.models.v1alpha1_workflow_step.V1alpha1WorkflowStep (arguments=None,
                                                                con-
                                                                tinue_on=None,
                                                                name=None, tem-
                                                                plate=None, tem-
                                                                plate_ref=None,
                                                                when=None,
                                                                with_items=None,
                                                                with_param=None,
                                                                with_sequence=None,
                                                                lo-
                                                                cal_vars_configuration=None)
```

Bases: `object`

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowStep - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property arguments** (*self*)

Gets the arguments of this V1alpha1WorkflowStep. # noqa: E501

**Returns** The arguments of this V1alpha1WorkflowStep. # noqa: E501

**Return type** *V1alpha1Arguments*

**property continue\_on** (*self*)

Gets the continue\_on of this V1alpha1WorkflowStep. # noqa: E501

**Returns** The continue\_on of this V1alpha1WorkflowStep. # noqa: E501

**Return type** *V1alpha1ContinueOn*

**property name** (*self*)

Gets the name of this V1alpha1WorkflowStep. # noqa: E501

Name of the step # noqa: E501

**Returns** The name of this V1alpha1WorkflowStep. # noqa: E501

**Return type** `str`

**property template** (*self*)

Gets the template of this V1alpha1WorkflowStep. # noqa: E501

Template is the name of the template to execute as the step # noqa: E501

**Returns** The template of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

**property template\_ref** (*self*)

Gets the template\_ref of this V1alpha1WorkflowStep. # noqa: E501

**Returns** The template\_ref of this V1alpha1WorkflowStep. # noqa: E501

**Return type** *V1alpha1TemplateRef*

**property when** (*self*)

Gets the when of this V1alpha1WorkflowStep. # noqa: E501

When is an expression in which the step should conditionally execute # noqa: E501

**Returns** The when of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

**property with\_items** (*self*)

Gets the with\_items of this V1alpha1WorkflowStep. # noqa: E501

WithItems expands a step into multiple parallel steps from the items in the list # noqa: E501

**Returns** The with\_items of this V1alpha1WorkflowStep. # noqa: E501

**Return type** list[str]

**property with\_param** (*self*)

Gets the with\_param of this V1alpha1WorkflowStep. # noqa: E501

WithParam expands a step into multiple parallel steps from the value in the parameter, which is expected to be a JSON list. # noqa: E501

**Returns** The with\_param of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

**property with\_sequence** (*self*)

Gets the with\_sequence of this V1alpha1WorkflowStep. # noqa: E501

**Returns** The with\_sequence of this V1alpha1WorkflowStep. # noqa: E501

**Return type** *V1alpha1Sequence*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.141 argo.models.v1alpha1\_workflow\_step\_request

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.142 Module Contents

```
class argo.models.v1alpha1_workflow_stop_request.V1alpha1WorkflowStopRequest (name=None,  
                                     names-  
                                     pace=None,  
                                     lo-  
                                     cal_vars_configurat
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowStopRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property name** (*self*)

Gets the name of this V1alpha1WorkflowStopRequest. # noqa: E501

**Returns** The name of this V1alpha1WorkflowStopRequest. # noqa: E501

**Return type** str

**property namespace** (*self*)

Gets the namespace of this V1alpha1WorkflowStopRequest. # noqa: E501

**Returns** The namespace of this V1alpha1WorkflowStopRequest. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.1.143 argo.models.v1alpha1\_workflow\_suspend\_request

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.144 Module Contents

```
class argo.models.v1alpha1_workflow_suspend_request.V1alpha1WorkflowSuspendRequest (name=None,  
                                     names-  
                                     pace=None,  
                                     lo-  
                                     cal_vars_c
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowSuspendRequest - a model defined in OpenAPI

**openapi\_types****attribute\_map****property name** (*self*)

Gets the name of this V1alpha1WorkflowSuspendRequest. # noqa: E501

**Returns** The name of this V1alpha1WorkflowSuspendRequest. # noqa: E501**Return type** str**property namespace** (*self*)

Gets the namespace of this V1alpha1WorkflowSuspendRequest. # noqa: E501

**Returns** The namespace of this V1alpha1WorkflowSuspendRequest. # noqa: E501**Return type** str**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.145 argo.models.v1alpha1\_workflow\_template

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.146 Module Contents

```
class argo.models.v1alpha1_workflow_template.V1alpha1WorkflowTemplate (api_version=None,
                                                                    kind=None,
                                                                    meta-
                                                                    data=None,
                                                                    spec=None,
                                                                    lo-
                                                                    cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowTemplate - a model defined in OpenAPI

**openapi\_types****attribute\_map****property api\_version** (*self*)

Gets the api\_version of this V1alpha1WorkflowTemplate. # noqa: E501

APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#resources> # noqa: E501**Returns** The api\_version of this V1alpha1WorkflowTemplate. # noqa: E501

**Return type** str

**property kind** (*self*)

Gets the kind of this V1alpha1WorkflowTemplate. # noqa: E501

Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds> # noqa: E501

**Returns** The kind of this V1alpha1WorkflowTemplate. # noqa: E501

**Return type** str

**property metadata** (*self*)

Gets the metadata of this V1alpha1WorkflowTemplate. # noqa: E501

**Returns** The metadata of this V1alpha1WorkflowTemplate. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1ObjectMeta

**property spec** (*self*)

Gets the spec of this V1alpha1WorkflowTemplate. # noqa: E501

**Returns** The spec of this V1alpha1WorkflowTemplate. # noqa: E501

**Return type** *V1alpha1WorkflowTemplateSpec*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.147 argo.models.v1alpha1\_workflow\_template\_create\_request

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.148 Module Contents

```
class argo.models.v1alpha1_workflow_template_create_request.V1alpha1WorkflowTemplateCreateRequest
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowTemplateCreateRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**



**property create\_options** (*self*)

Gets the create\_options of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501

**Returns** The create\_options of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501

**Return type** `kubernetes.client.models.V1CreateOptions`

**property namespace** (*self*)

Gets the namespace of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501

**Returns** The namespace of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501

**Return type** `str`

**property template** (*self*)

Gets the template of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501

**Returns** The template of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501

**Return type** *V1alpha1WorkflowTemplate*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.149 `argo.models.v1alpha1_workflow_template_lint_request`

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.150 Module Contents

**class** `argo.models.v1alpha1_workflow_template_lint_request.V1alpha1WorkflowTemplateLintRequest`

Bases: `object`

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowTemplateLintRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property create\_options** (*self*)

Gets the create\_options of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

**Returns** The create\_options of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

**Return type** `kubernetes.client.models.V1CreateOptions`

**property namespace** (*self*)

Gets the namespace of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

**Returns** The namespace of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

**Return type** str

**property template** (*self*)

Gets the template of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

**Returns** The template of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

**Return type** *V1alpha1WorkflowTemplate*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.151 `argo.models.v1alpha1_workflow_template_list`

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.152 Module Contents

```
class argo.models.v1alpha1_workflow_template_list.V1alpha1WorkflowTemplateList (api_version=None,  
                                                                           items=None,  
                                                                           kind=None,  
                                                                           meta-  
                                                                           data=None,  
                                                                           lo-  
                                                                           cal_vars_config=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowTemplateList - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property api\_version** (*self*)

Gets the api\_version of this V1alpha1WorkflowTemplateList. # noqa: E501

APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#resources> # noqa: E501

**Returns** The api\_version of this V1alpha1WorkflowTemplateList. # noqa: E501

**Return type** str

**property items** (*self*)

Gets the items of this V1alpha1WorkflowTemplateList. # noqa: E501

**Returns** The items of this V1alpha1WorkflowTemplateList. # noqa: E501

**Return type** list[V1alpha1WorkflowTemplate]

**property kind** (*self*)

Gets the kind of this V1alpha1WorkflowTemplateList. # noqa: E501

Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds> # noqa: E501

**Returns** The kind of this V1alpha1WorkflowTemplateList. # noqa: E501

**Return type** str

**property metadata** (*self*)

Gets the metadata of this V1alpha1WorkflowTemplateList. # noqa: E501

**Returns** The metadata of this V1alpha1WorkflowTemplateList. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1ListMeta

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**1.1.1.1.153 argo.models.v1alpha1\_workflow\_template\_spec**

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

**1.1.1.1.154 Module Contents**

**class** argo.models.v1alpha1\_workflow\_template\_spec.V1alpha1WorkflowTemplateSpec (*arguments=None*,  
*templates=None*,  
*local\_vars\_config=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowTemplateSpec - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property arguments** (*self*)

Gets the arguments of this V1alpha1WorkflowTemplateSpec. # noqa: E501

**Returns** The arguments of this V1alpha1WorkflowTemplateSpec. # noqa: E501

**Return type** *V1alpha1Arguments*

**property templates** (*self*)

Gets the templates of this V1alpha1WorkflowTemplateSpec. # noqa: E501

Templates is a list of workflow templates. # noqa: E501

**Returns** The templates of this V1alpha1WorkflowTemplateSpec. # noqa: E501

**Return type** list[*V1alpha1Template*]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.155 argo.models.v1alpha1\_workflow\_template\_update\_request

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.156 Module Contents

```
class argo.models.v1alpha1_workflow_template_update_request.V1alpha1WorkflowTemplateUpdateRequest
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowTemplateUpdateRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property name** (*self*)

Gets the name of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

**Returns** The name of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

**Return type** str

**property namespace** (*self*)

Gets the namespace of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

**Returns** The namespace of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

**Return type** str

**property template** (*self*)

Gets the template of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

**Returns** The template of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

**Return type** *V1alpha1WorkflowTemplate*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.157 argo.models.v1alpha1\_workflow\_terminate\_request

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.158 Module Contents

**class** argo.models.v1alpha1\_workflow\_terminate\_request.V1alpha1WorkflowTerminateRequest (*name*

*name*

*pace*

*lo-*

*cal\_v*

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowTerminateRequest - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property name** (*self*)

Gets the name of this V1alpha1WorkflowTerminateRequest. # noqa: E501

**Returns** The name of this V1alpha1WorkflowTerminateRequest. # noqa: E501

**Return type** str

**property namespace** (*self*)

Gets the namespace of this V1alpha1WorkflowTerminateRequest. # noqa: E501

**Returns** The namespace of this V1alpha1WorkflowTerminateRequest. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.159 `argo.models.v1alpha1_workflow_watch_event`

Argo

Workflow Service API performs CRUD actions against application resources # noqa: E501

The version of the OpenAPI document: v2.7.0-rc1 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.160 Module Contents

```
class argo.models.v1alpha1_workflow_watch_event.V1alpha1WorkflowWatchEvent (object=None,  
                                                                           type=None,  
                                                                           lo-  
                                                                           cal_vars_configuration=None)
```

Bases: *object*

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowWatchEvent - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property object** (*self*)

Gets the object of this V1alpha1WorkflowWatchEvent. # noqa: E501

**Returns** The object of this V1alpha1WorkflowWatchEvent. # noqa: E501

**Return type** *V1alpha1Workflow*

**property type** (*self*)

Gets the type of this V1alpha1WorkflowWatchEvent. # noqa: E501

**Returns** The type of this V1alpha1WorkflowWatchEvent. # noqa: E501

**Return type** *str*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

#### 1.1.1.1.2 Package Contents

```
class argo.models.V1alpha1ArchiveStrategy (_none=None,           tar=None,           lo-  
                                           cal_vars_configuration=None)
```

Bases: *object*

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ArchiveStrategy - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property tar** (*self*)

Gets the tar of this V1alpha1ArchiveStrategy. # noqa: E501

TarStrategy will tar and gzip the file or directory when saving # noqa: E501

**Returns** The tar of this V1alpha1ArchiveStrategy. # noqa: E501

**Return type** object

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1Arguments (artifacts=None,           parameters=None,           lo-
                                     cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Arguments - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property artifacts** (*self*)

Gets the artifacts of this V1alpha1Arguments. # noqa: E501

Artifacts is the list of artifacts to pass to the template or workflow # noqa: E501

**Returns** The artifacts of this V1alpha1Arguments. # noqa: E501

**Return type** list[V1alpha1Artifact]

**property parameters** (*self*)

Gets the parameters of this V1alpha1Arguments. # noqa: E501

Parameters is the list of parameters to pass to the template or workflow # noqa: E501

**Returns** The parameters of this V1alpha1Arguments. # noqa: E501

**Return type** list[V1alpha1Parameter]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1Artifact (archive=None, archive_logs=None, artifactory=None,
                                     _from=None, git=None, global_name=None,
                                     hdfs=None, http=None, mode=None, name=None,
                                     optional=None, path=None, raw=None, s3=None,
                                     local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Artifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property archive** (*self*)

Gets the archive of this V1alpha1Artifact. # noqa: E501

**Returns** The archive of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1ArchiveStrategy*

**property archive\_logs** (*self*)

Gets the archive\_logs of this V1alpha1Artifact. # noqa: E501

ArchiveLogs indicates if the container logs should be archived # noqa: E501

**Returns** The archive\_logs of this V1alpha1Artifact. # noqa: E501

**Return type** bool

**property artifactory** (*self*)

Gets the artifactory of this V1alpha1Artifact. # noqa: E501

**Returns** The artifactory of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1ArtifactoryArtifact*

**property git** (*self*)

Gets the git of this V1alpha1Artifact. # noqa: E501

**Returns** The git of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1GitArtifact*

**property global\_name** (*self*)

Gets the global\_name of this V1alpha1Artifact. # noqa: E501

GlobalName exports an output artifact to the global scope, making it available as '{{workflow.outputs.artifacts.XXXX}}' and in workflow.status.outputs.artifacts # noqa: E501

**Returns** The global\_name of this V1alpha1Artifact. # noqa: E501

**Return type** str

**property hdfs** (*self*)

Gets the hdfs of this V1alpha1Artifact. # noqa: E501

**Returns** The hdfs of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1HDFSArtifact*

**property http** (*self*)

Gets the http of this V1alpha1Artifact. # noqa: E501

**Returns** The http of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1HTTPArtifact*

**property mode** (*self*)

Gets the mode of this V1alpha1Artifact. # noqa: E501

mode bits to use on this file, must be a value between 0 and 0777 set when loading input artifacts. # noqa: E501

**Returns** The mode of this V1alpha1Artifact. # noqa: E501

**Return type** int



**property name** (*self*)

Gets the name of this V1alpha1Artifact. # noqa: E501

name of the artifact. must be unique within a template's inputs/outputs. # noqa: E501

**Returns** The name of this V1alpha1Artifact. # noqa: E501

**Return type** str

**property optional** (*self*)

Gets the optional of this V1alpha1Artifact. # noqa: E501

Make Artifacts optional, if Artifacts doesn't generate or exist # noqa: E501

**Returns** The optional of this V1alpha1Artifact. # noqa: E501

**Return type** bool

**property path** (*self*)

Gets the path of this V1alpha1Artifact. # noqa: E501

Path is the container path to the artifact # noqa: E501

**Returns** The path of this V1alpha1Artifact. # noqa: E501

**Return type** str

**property raw** (*self*)

Gets the raw of this V1alpha1Artifact. # noqa: E501

**Returns** The raw of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1RawArtifact*

**property s3** (*self*)

Gets the s3 of this V1alpha1Artifact. # noqa: E501

**Returns** The s3 of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1S3Artifact*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1ArtifactLocation (archive_logs=None,          artifactory=None,
                                           git=None, hdfs=None, http=None, raw=None,
                                           s3=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ArtifactLocation - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property archive\_logs** (*self*)

Gets the archive\_logs of this V1alpha1ArtifactLocation. # noqa: E501

ArchiveLogs indicates if the container logs should be archived # noqa: E501

**Returns** The archive\_logs of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** bool

**property** `artifact` (*self*)

Gets the artifact of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The artifact of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1ArtifactArtifact*

**property** `git` (*self*)

Gets the git of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The git of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1GitArtifact*

**property** `hdfs` (*self*)

Gets the hdfs of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The hdfs of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1HDFSArtifact*

**property** `http` (*self*)

Gets the http of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The http of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1HTTPArtifact*

**property** `raw` (*self*)

Gets the raw of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The raw of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1RawArtifact*

**property** `s3` (*self*)

Gets the s3 of this V1alpha1ArtifactLocation. # noqa: E501

**Returns** The s3 of this V1alpha1ArtifactLocation. # noqa: E501

**Return type** *V1alpha1S3Artifact*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** `argo.models.V1alpha1ArtifactRepositoryRef` (*config\_map=None*, *key=None*, *local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ArtifactRepositoryRef - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** `config_map` (*self*)

Gets the config\_map of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Returns** The config\_map of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Return type** str

**property key** (*self*)

Gets the key of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Returns** The key of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1ArtifactRepositoryRef (password_secret=None, url=None,
                                                username_secret=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ArtifactRepositoryRef - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property password\_secret** (*self*)

Gets the password\_secret of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Returns** The password\_secret of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property url** (*self*)

Gets the url of this V1alpha1ArtifactRepositoryRef. # noqa: E501

URL of the artifact # noqa: E501

**Returns** The url of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Return type** str

**property username\_secret** (*self*)

Gets the username\_secret of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Returns** The username\_secret of this V1alpha1ArtifactRepositoryRef. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1ArtifactRepositoryAuth (password_secret=None, username_secret=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ArtifactoryAuth - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property password\_secret** (*self*)

Gets the password\_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

**Returns** The password\_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property username\_secret** (*self*)

Gets the username\_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

**Returns** The username\_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1ContinueOn (error=None, failed=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ContinueOn - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property error** (*self*)

Gets the error of this V1alpha1ContinueOn. # noqa: E501

**Returns** The error of this V1alpha1ContinueOn. # noqa: E501

**Return type** bool

**property failed** (*self*)

Gets the failed of this V1alpha1ContinueOn. # noqa: E501

**Returns** The failed of this V1alpha1ContinueOn. # noqa: E501

**Return type** bool

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1DAGTask (arguments=None, continue_on=None, dependencies=None, name=None, template=None, template_ref=None, when=None, with_items=None, with_param=None, with_sequence=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1DAGTask - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property arguments** (*self*)

Gets the arguments of this V1alpha1DAGTask. # noqa: E501

**Returns** The arguments of this V1alpha1DAGTask. # noqa: E501

**Return type** *V1alpha1Arguments*

**property continue\_on** (*self*)

Gets the continue\_on of this V1alpha1DAGTask. # noqa: E501

**Returns** The continue\_on of this V1alpha1DAGTask. # noqa: E501

**Return type** *V1alpha1ContinueOn*

**property dependencies** (*self*)

Gets the dependencies of this V1alpha1DAGTask. # noqa: E501

Dependencies are name of other targets which this depends on # noqa: E501

**Returns** The dependencies of this V1alpha1DAGTask. # noqa: E501

**Return type** list[str]

**property name** (*self*)

Gets the name of this V1alpha1DAGTask. # noqa: E501

Name is the name of the target # noqa: E501

**Returns** The name of this V1alpha1DAGTask. # noqa: E501

**Return type** str

**property template** (*self*)

Gets the template of this V1alpha1DAGTask. # noqa: E501

Name of template to execute # noqa: E501

**Returns** The template of this V1alpha1DAGTask. # noqa: E501

**Return type** str

**property template\_ref** (*self*)

Gets the template\_ref of this V1alpha1DAGTask. # noqa: E501

**Returns** The template\_ref of this V1alpha1DAGTask. # noqa: E501

**Return type** *V1alpha1TemplateRef*

**property when** (*self*)

Gets the when of this V1alpha1DAGTask. # noqa: E501

When is an expression in which the task should conditionally execute # noqa: E501

**Returns** The when of this V1alpha1DAGTask. # noqa: E501

**Return type** str

**property with\_items** (*self*)

Gets the with\_items of this V1alpha1DAGTask. # noqa: E501

WithItems expands a task into multiple parallel tasks from the items in the list # noqa: E501

**Returns** The with\_items of this V1alpha1DAGTask. # noqa: E501

**Return type** list[str]

**property with\_param** (*self*)

Gets the with\_param of this V1alpha1DAGTask. # noqa: E501

WithParam expands a task into multiple parallel tasks from the value in the parameter, which is expected to be a JSON list. # noqa: E501

**Returns** The with\_param of this V1alpha1DAGTask. # noqa: E501

**Return type** str

**property with\_sequence** (*self*)

Gets the with\_sequence of this V1alpha1DAGTask. # noqa: E501

**Returns** The with\_sequence of this V1alpha1DAGTask. # noqa: E501

**Return type** *V1alpha1Sequence*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1DAGTemplate (*fail\_fast=None, target=None, tasks=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1DAGTemplate - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property fail\_fast** (*self*)

Gets the fail\_fast of this V1alpha1DAGTemplate. # noqa: E501

This flag is for DAG logic. The DAG logic has a built-in “fail fast” feature to stop scheduling new steps, as soon as it detects that one of the DAG nodes is failed. Then it waits until all DAG nodes are completed before failing the DAG itself. The FailFast flag default is true, if set to false, it will allow a DAG to run all branches of the DAG to completion (either success or failure), regardless of the failed outcomes of branches in the DAG. More info and example about this feature at <https://github.com/argoproj/argo/issues/1442> # noqa: E501

**Returns** The fail\_fast of this V1alpha1DAGTemplate. # noqa: E501

**Return type** bool

**property target** (*self*)

Gets the target of this V1alpha1DAGTemplate. # noqa: E501

Target are one or more names of targets to execute in a DAG # noqa: E501

**Returns** The target of this V1alpha1DAGTemplate. # noqa: E501

**Return type** str

**property tasks** (*self*)

Gets the tasks of this V1alpha1DAGTemplate. # noqa: E501

Tasks are a list of DAG tasks # noqa: E501

**Returns** The tasks of this V1alpha1DAGTemplate. # noqa: E501

**Return type** list[V1alpha1DAGTask]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1ExecutorConfig (service_account_name=None,          lo-
                                         cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ExecutorConfig - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property service\_account\_name** (*self*)

Gets the service\_account\_name of this V1alpha1ExecutorConfig. # noqa: E501

ServiceAccountName specifies the service account name of the executor container. # noqa: E501

**Returns** The service\_account\_name of this V1alpha1ExecutorConfig. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1GitArtifact (depth=None,          fetch=None,          inse-
                                         cure_ignore_host_key=None,          pass-
                                         word_secret=None,          repo=None,          revi-
                                         sion=None,          ssh_private_key_secret=None,          lo-
                                         username_secret=None,          cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1GitArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property depth** (*self*)

Gets the depth of this V1alpha1GitArtifact. # noqa: E501

Depth specifies clones/fetches should be shallow and include the given number of commits from the branch tip # noqa: E501

**Returns** The depth of this V1alpha1GitArtifact. # noqa: E501

**Return type** int

**property fetch** (*self*)

Gets the fetch of this V1alpha1GitArtifact. # noqa: E501

Fetch specifies a number of refs that should be fetched before checkout # noqa: E501

**Returns** The fetch of this V1alpha1GitArtifact. # noqa: E501

**Return type** list[str]

**property insecure\_ignore\_host\_key** (*self*)

Gets the insecure\_ignore\_host\_key of this V1alpha1GitArtifact. # noqa: E501

InsecureIgnoreHostKey disables SSH strict host key checking during git clone # noqa: E501

**Returns** The insecure\_ignore\_host\_key of this V1alpha1GitArtifact. # noqa: E501

**Return type** bool

**property password\_secret** (*self*)

Gets the password\_secret of this V1alpha1GitArtifact. # noqa: E501

**Returns** The password\_secret of this V1alpha1GitArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property repo** (*self*)

Gets the repo of this V1alpha1GitArtifact. # noqa: E501

Repo is the git repository # noqa: E501

**Returns** The repo of this V1alpha1GitArtifact. # noqa: E501

**Return type** str

**property revision** (*self*)

Gets the revision of this V1alpha1GitArtifact. # noqa: E501

Revision is the git commit, tag, branch to checkout # noqa: E501

**Returns** The revision of this V1alpha1GitArtifact. # noqa: E501

**Return type** str

**property ssh\_private\_key\_secret** (*self*)

Gets the ssh\_private\_key\_secret of this V1alpha1GitArtifact. # noqa: E501

**Returns** The ssh\_private\_key\_secret of this V1alpha1GitArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property username\_secret** (*self*)

Gets the username\_secret of this V1alpha1GitArtifact. # noqa: E501

**Returns** The username\_secret of this V1alpha1GitArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model



```

class argo.models.V1alpha1HDFSArtifact (addresses=None, force=None,
                                         hdfs_user=None, krb_c_cache_secret=None,
                                         krb_config_config_map=None,
                                         krb_keytab_secret=None, krb_realm=None,
                                         krb_service_principal_name=None,
                                         krb_username=None, path=None, local_vars_configuration=None)

```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1HDFSArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property addresses** (*self*)

Gets the addresses of this V1alpha1HDFSArtifact. # noqa: E501

Addresses is accessible addresses of HDFS name nodes # noqa: E501

**Returns** The addresses of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** list[str]

**property force** (*self*)

Gets the force of this V1alpha1HDFSArtifact. # noqa: E501

Force copies a file forcibly even if it exists (default: false) # noqa: E501

**Returns** The force of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** bool

**property hdfs\_user** (*self*)

Gets the hdfs\_user of this V1alpha1HDFSArtifact. # noqa: E501

HDFSUser is the user to access HDFS file system. It is ignored if either ccache or keytab is used. # noqa: E501

**Returns** The hdfs\_user of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** str

**property krb\_c\_cache\_secret** (*self*)

Gets the krb\_c\_cache\_secret of this V1alpha1HDFSArtifact. # noqa: E501

**Returns** The krb\_c\_cache\_secret of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property krb\_config\_config\_map** (*self*)

Gets the krb\_config\_config\_map of this V1alpha1HDFSArtifact. # noqa: E501

**Returns** The krb\_config\_config\_map of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1ConfigMapKeySelector

**property krb\_keytab\_secret** (*self*)

Gets the krb\_keytab\_secret of this V1alpha1HDFSArtifact. # noqa: E501

**Returns** The krb\_keytab\_secret of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property** `krb_realm` (*self*)

Gets the `krb_realm` of this `V1alpha1HDFSArtifact`. # noqa: E501

KrbRealm is the Kerberos realm used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The `krb_realm` of this `V1alpha1HDFSArtifact`. # noqa: E501

**Return type** `str`

**property** `krb_service_principal_name` (*self*)

Gets the `krb_service_principal_name` of this `V1alpha1HDFSArtifact`. # noqa: E501

KrbServicePrincipalName is the principal name of Kerberos service It must be set if either ccache or keytab is used. # noqa: E501

**Returns** The `krb_service_principal_name` of this `V1alpha1HDFSArtifact`. # noqa: E501

**Return type** `str`

**property** `krb_username` (*self*)

Gets the `krb_username` of this `V1alpha1HDFSArtifact`. # noqa: E501

KrbUsername is the Kerberos username used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The `krb_username` of this `V1alpha1HDFSArtifact`. # noqa: E501

**Return type** `str`

**property** `path` (*self*)

Gets the `path` of this `V1alpha1HDFSArtifact`. # noqa: E501

Path is a file path in HDFS # noqa: E501

**Returns** The `path` of this `V1alpha1HDFSArtifact`. # noqa: E501

**Return type** `str`

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1HDFSConfig (addresses=None,                hdfs_user=None,
                                     krb_c_cache_secret=None,
                                     krb_config_config_map=None,
                                     krb_keytab_secret=None,          krb_realm=None,
                                     krb_service_principal_name=None,
                                     krb_username=None,              lo-
                                     cal_vars_configuration=None)
```

Bases: `object`

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1HDFSConfig - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** `addresses` (*self*)

Gets the `addresses` of this `V1alpha1HDFSConfig`. # noqa: E501

Addresses is accessible addresses of HDFS name nodes # noqa: E501

**Returns** The addresses of this V1alpha1HDFSConfig. # noqa: E501

**Return type** list[str]

**property hdfs\_user** (*self*)

Gets the hdfs\_user of this V1alpha1HDFSConfig. # noqa: E501

HDFSUser is the user to access HDFS file system. It is ignored if either ccache or keytab is used. # noqa: E501

**Returns** The hdfs\_user of this V1alpha1HDFSConfig. # noqa: E501

**Return type** str

**property krb\_c\_cache\_secret** (*self*)

Gets the krb\_c\_cache\_secret of this V1alpha1HDFSConfig. # noqa: E501

**Returns** The krb\_c\_cache\_secret of this V1alpha1HDFSConfig. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property krb\_config\_config\_map** (*self*)

Gets the krb\_config\_config\_map of this V1alpha1HDFSConfig. # noqa: E501

**Returns** The krb\_config\_config\_map of this V1alpha1HDFSConfig. # noqa: E501

**Return type** kubernetes.client.models.V1ConfigMapKeySelector

**property krb\_keytab\_secret** (*self*)

Gets the krb\_keytab\_secret of this V1alpha1HDFSConfig. # noqa: E501

**Returns** The krb\_keytab\_secret of this V1alpha1HDFSConfig. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property krb\_realm** (*self*)

Gets the krb\_realm of this V1alpha1HDFSConfig. # noqa: E501

KrbRealm is the Kerberos realm used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The krb\_realm of this V1alpha1HDFSConfig. # noqa: E501

**Return type** str

**property krb\_service\_principal\_name** (*self*)

Gets the krb\_service\_principal\_name of this V1alpha1HDFSConfig. # noqa: E501

KrbServicePrincipalName is the principal name of Kerberos service It must be set if either ccache or keytab is used. # noqa: E501

**Returns** The krb\_service\_principal\_name of this V1alpha1HDFSConfig. # noqa: E501

**Return type** str

**property krb\_username** (*self*)

Gets the krb\_username of this V1alpha1HDFSConfig. # noqa: E501

KrbUsername is the Kerberos username used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The krb\_username of this V1alpha1HDFSConfig. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1HDFSKrbConfig (krb_c_cache_secret=None,  
                                          krb_config_config_map=None,  
                                          krb_keytab_secret=None,      krb_realm=None,  
                                          krb_service_principal_name=None,  
                                          krb_username=None,          lo-  
                                          cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1HDFSKrbConfig - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** **krb\_c\_cache\_secret** (*self*)

Gets the krb\_c\_cache\_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

**Returns** The krb\_c\_cache\_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property** **krb\_config\_config\_map** (*self*)

Gets the krb\_config\_config\_map of this V1alpha1HDFSKrbConfig. # noqa: E501

**Returns** The krb\_config\_config\_map of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** kubernetes.client.models.V1ConfigMapKeySelector

**property** **krb\_keytab\_secret** (*self*)

Gets the krb\_keytab\_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

**Returns** The krb\_keytab\_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property** **krb\_realm** (*self*)

Gets the krb\_realm of this V1alpha1HDFSKrbConfig. # noqa: E501

KrbRealm is the Kerberos realm used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The krb\_realm of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** str

**property** **krb\_service\_principal\_name** (*self*)

Gets the krb\_service\_principal\_name of this V1alpha1HDFSKrbConfig. # noqa: E501

KrbServicePrincipalName is the principal name of Kerberos service It must be set if either ccache or keytab is used. # noqa: E501

**Returns** The krb\_service\_principal\_name of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** str

**property** **krb\_username** (*self*)

Gets the krb\_username of this V1alpha1HDFSKrbConfig. # noqa: E501

KrbUsername is the Kerberos username used with Kerberos keytab It must be set if keytab is used. # noqa: E501

**Returns** The krb\_username of this V1alpha1HDFSKrbConfig. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1HTTPArtifact (*url=None, local\_vars\_configuration=None*)  
Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1HTTPArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property url** (*self*)

Gets the url of this V1alpha1HTTPArtifact. # noqa: E501

URL of the artifact # noqa: E501

**Returns** The url of this V1alpha1HTTPArtifact. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1Inputs (*artifacts=None, parameters=None, local\_vars\_configuration=None*)  
Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Inputs - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property artifacts** (*self*)

Gets the artifacts of this V1alpha1Inputs. # noqa: E501

Artifact are a list of artifacts passed as inputs # noqa: E501

**Returns** The artifacts of this V1alpha1Inputs. # noqa: E501

**Return type** list[V1alpha1Artifact]

**property parameters** (*self*)

Gets the parameters of this V1alpha1Inputs. # noqa: E501

Parameters are a list of parameters passed as inputs # noqa: E501

**Returns** The parameters of this V1alpha1Inputs. # noqa: E501

**Return type** list[V1alpha1Parameter]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1Metadata (*annotations=None, labels=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Metadata - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property annotations** (*self*)

Gets the annotations of this V1alpha1Metadata. # noqa: E501

**Returns** The annotations of this V1alpha1Metadata. # noqa: E501

**Return type** dict(str, str)

**property labels** (*self*)

Gets the labels of this V1alpha1Metadata. # noqa: E501

**Returns** The labels of this V1alpha1Metadata. # noqa: E501

**Return type** dict(str, str)

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1NodeStatus (*boundary\_id=None, children=None, daemoned=None, display\_name=None, finished\_at=None, id=None, inputs=None, message=None, name=None, outbound\_nodes=None, outputs=None, phase=None, pod\_ip=None, started\_at=None, stored\_template\_id=None, template\_name=None, template\_ref=None, template\_scope=None, type=None, workflow\_template\_name=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1NodeStatus - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property boundary\_id** (*self*)

Gets the boundary\_id of this V1alpha1NodeStatus. # noqa: E501

BoundaryID indicates the node ID of the associated template root node in which this node belongs to #  
noqa: E501

**Returns** The boundary\_id of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property children** (*self*)

Gets the children of this V1alpha1NodeStatus. # noqa: E501

Children is a list of child node IDs # noqa: E501

**Returns** The children of this V1alpha1NodeStatus. # noqa: E501

**Return type** list[str]

**property daemoned** (*self*)

Gets the daemoned of this V1alpha1NodeStatus. # noqa: E501

Daemoned tracks whether or not this node was daemoned and need to be terminated # noqa: E501

**Returns** The daemoned of this V1alpha1NodeStatus. # noqa: E501

**Return type** bool

**property display\_name** (*self*)

Gets the display\_name of this V1alpha1NodeStatus. # noqa: E501

DisplayName is a human readable representation of the node. Unique within a template boundary # noqa: E501

**Returns** The display\_name of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property finished\_at** (*self*)

Gets the finished\_at of this V1alpha1NodeStatus. # noqa: E501

**Returns** The finished\_at of this V1alpha1NodeStatus. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1Time

**property id** (*self*)

Gets the id of this V1alpha1NodeStatus. # noqa: E501

ID is a unique identifier of a node within the workflow It is implemented as a hash of the node name, which makes the ID deterministic # noqa: E501

**Returns** The id of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property inputs** (*self*)

Gets the inputs of this V1alpha1NodeStatus. # noqa: E501

**Returns** The inputs of this V1alpha1NodeStatus. # noqa: E501

**Return type** *V1alpha1Inputs*

**property message** (*self*)

Gets the message of this V1alpha1NodeStatus. # noqa: E501

A human readable message indicating details about why the node is in this condition. # noqa: E501

**Returns** The message of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property name** (*self*)

Gets the name of this V1alpha1NodeStatus. # noqa: E501

Name is unique name in the node tree used to generate the node ID # noqa: E501

**Returns** The name of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property outbound\_nodes** (*self*)

Gets the outbound\_nodes of this V1alpha1NodeStatus. # noqa: E501

OutboundNodes tracks the node IDs which are considered “outbound” nodes to a template invocation. For every invocation of a template, there are nodes which we considered as “outbound”. Essentially, these are last nodes in the execution sequence to run, before the template is considered completed. These nodes are then connected as parents to a following step. In the case of single pod steps (i.e. container, script, resource templates), this list will be nil since the pod itself is already considered the “outbound” node. In the case of DAGs, outbound nodes are the “target” tasks (tasks with no children). In the case of steps, outbound nodes are all the containers involved in the last step group. NOTE: since templates are composable, the list of outbound nodes are carried upwards when a DAG/steps template invokes another DAG/steps template. In other words, the outbound nodes of a template, will be a superset of the outbound nodes of its last children. # noqa: E501

**Returns** The outbound\_nodes of this V1alpha1NodeStatus. # noqa: E501

**Return type** list[str]

**property outputs** (*self*)

Gets the outputs of this V1alpha1NodeStatus. # noqa: E501

**Returns** The outputs of this V1alpha1NodeStatus. # noqa: E501

**Return type** *V1alpha1Outputs*

**property phase** (*self*)

Gets the phase of this V1alpha1NodeStatus. # noqa: E501

Phase a simple, high-level summary of where the node is in its lifecycle. Can be used as a state machine. # noqa: E501

**Returns** The phase of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property pod\_ip** (*self*)

Gets the pod\_ip of this V1alpha1NodeStatus. # noqa: E501

PodIP captures the IP of the pod for daemoned steps # noqa: E501

**Returns** The pod\_ip of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property started\_at** (*self*)

Gets the started\_at of this V1alpha1NodeStatus. # noqa: E501

**Returns** The started\_at of this V1alpha1NodeStatus. # noqa: E501

**Return type** *IoK8sApimachineryPkgApisMetaV1Time*

**property stored\_template\_id** (*self*)

Gets the stored\_template\_id of this V1alpha1NodeStatus. # noqa: E501

StoredTemplateID is the ID of stored template. DEPRECATED: This value is not used anymore. # noqa: E501

**Returns** The stored\_template\_id of this V1alpha1NodeStatus. # noqa: E501

**Return type** str



**property template\_name** (*self*)

Gets the template\_name of this V1alpha1NodeStatus. # noqa: E501

TemplateName is the template name which this node corresponds to. Not applicable to virtual nodes (e.g. Retry, StepGroup) # noqa: E501

**Returns** The template\_name of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property template\_ref** (*self*)

Gets the template\_ref of this V1alpha1NodeStatus. # noqa: E501

**Returns** The template\_ref of this V1alpha1NodeStatus. # noqa: E501

**Return type** *V1alpha1TemplateRef*

**property template\_scope** (*self*)

Gets the template\_scope of this V1alpha1NodeStatus. # noqa: E501

TemplateScope is the template scope in which the template of this node was retrieved. # noqa: E501

**Returns** The template\_scope of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property type** (*self*)

Gets the type of this V1alpha1NodeStatus. # noqa: E501

Type indicates type of node # noqa: E501

**Returns** The type of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**property workflow\_template\_name** (*self*)

Gets the workflow\_template\_name of this V1alpha1NodeStatus. # noqa: E501

WorkflowTemplateName is the WorkflowTemplate resource name on which the resolved template of this node is retrieved. DEPRECATED: This value is not used anymore. # noqa: E501

**Returns** The workflow\_template\_name of this V1alpha1NodeStatus. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1Outputs (*artifacts=None, parameters=None, result=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Outputs - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property artifacts** (*self*)

Gets the artifacts of this V1alpha1Outputs. # noqa: E501

Artifacts holds the list of output artifacts produced by a step # noqa: E501

**Returns** The artifacts of this V1alpha1Outputs. # noqa: E501

**Return type** list[V1alpha1Artifact]

**property parameters** (*self*)

Gets the parameters of this V1alpha1Outputs. # noqa: E501

Parameters holds the list of output parameters produced by a step # noqa: E501

**Returns** The parameters of this V1alpha1Outputs. # noqa: E501

**Return type** list[V1alpha1Parameter]

**property result** (*self*)

Gets the result of this V1alpha1Outputs. # noqa: E501

Result holds the result (stdout) of a script template # noqa: E501

**Returns** The result of this V1alpha1Outputs. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1Parameter (default=None,    global_name=None,    name=None,
                                     value=None,        value_from=None,        lo-
                                     cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Parameter - a model defined in OpenAPI

**openapi\_types****attribute\_map****property default** (*self*)

Gets the default of this V1alpha1Parameter. # noqa: E501

Default is the default value to use for an input parameter if a value was not supplied # noqa: E501

**Returns** The default of this V1alpha1Parameter. # noqa: E501

**Return type** str

**property global\_name** (*self*)

Gets the global\_name of this V1alpha1Parameter. # noqa: E501

GlobalName exports an output parameter to the global scope, making it available as '{{work-flow.outputs.parameters.XXXX}}' and in workflow.status.outputs.parameters # noqa: E501

**Returns** The global\_name of this V1alpha1Parameter. # noqa: E501

**Return type** str

**property name** (*self*)

Gets the name of this V1alpha1Parameter. # noqa: E501

Name is the parameter name # noqa: E501

**Returns** The name of this V1alpha1Parameter. # noqa: E501

**Return type** str

**property value** (*self*)

Gets the value of this V1alpha1Parameter. # noqa: E501

Value is the literal value to use for the parameter. If specified in the context of an input parameter, the value takes precedence over any passed values # noqa: E501

**Returns** The value of this V1alpha1Parameter. # noqa: E501

**Return type** str

**property value\_from** (*self*)

Gets the value\_from of this V1alpha1Parameter. # noqa: E501

**Returns** The value\_from of this V1alpha1Parameter. # noqa: E501

**Return type** *V1alpha1ValueFrom*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1PodGC (*strategy=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1PodGC - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property strategy** (*self*)

Gets the strategy of this V1alpha1PodGC. # noqa: E501

**Returns** The strategy of this V1alpha1PodGC. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1RawArtifact (*data=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1RawArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property data** (*self*)

Gets the data of this V1alpha1RawArtifact. # noqa: E501

Data is the string contents of the artifact # noqa: E501

**Returns** The data of this V1alpha1RawArtifact. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1ResourceTemplate (action=None,      failure_condition=None,
                                             manifest=None,      merge_strategy=None,
                                             set_owner_reference=None,
                                             success_condition=None,      local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ResourceTemplate - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property action** (*self*)

Gets the action of this V1alpha1ResourceTemplate. # noqa: E501

Action is the action to perform to the resource. Must be one of: get, create, apply, delete, replace, patch # noqa: E501

**Returns** The action of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** str

**property failure\_condition** (*self*)

Gets the failure\_condition of this V1alpha1ResourceTemplate. # noqa: E501

FailureCondition is a label selector expression which describes the conditions of the k8s resource in which the step was considered failed # noqa: E501

**Returns** The failure\_condition of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** str

**property manifest** (*self*)

Gets the manifest of this V1alpha1ResourceTemplate. # noqa: E501

Manifest contains the kubernetes manifest # noqa: E501

**Returns** The manifest of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** str

**property merge\_strategy** (*self*)

Gets the merge\_strategy of this V1alpha1ResourceTemplate. # noqa: E501

MergeStrategy is the strategy used to merge a patch. It defaults to “strategic” Must be one of: strategic, merge, json # noqa: E501

**Returns** The merge\_strategy of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** str

**property set\_owner\_reference** (*self*)

Gets the set\_owner\_reference of this V1alpha1ResourceTemplate. # noqa: E501

SetOwnerReference sets the reference to the workflow on the OwnerReference of generated resource. # noqa: E501

**Returns** The set\_owner\_reference of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** bool

**property success\_condition** (*self*)

Gets the success\_condition of this V1alpha1ResourceTemplate. # noqa: E501

SuccessCondition is a label selector expression which describes the conditions of the k8s resource in which it is acceptable to proceed to the following step # noqa: E501

**Returns** The success\_condition of this V1alpha1ResourceTemplate. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1RetryStrategy (*limit=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1RetryStrategy - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property limit** (*self*)

Gets the limit of this V1alpha1RetryStrategy. # noqa: E501

Limit is the maximum number of attempts when retrying a container # noqa: E501

**Returns** The limit of this V1alpha1RetryStrategy. # noqa: E501

**Return type** int

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1S3Artifact (*access\_key\_secret=None, bucket=None, endpoint=None, insecure=None, key=None, region=None, role\_arn=None, secret\_key\_secret=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1S3Artifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property access\_key\_secret** (*self*)

Gets the access\_key\_secret of this V1alpha1S3Artifact. # noqa: E501

**Returns** The access\_key\_secret of this V1alpha1S3Artifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property bucket** (*self*)

Gets the bucket of this V1alpha1S3Artifact. # noqa: E501

Bucket is the name of the bucket # noqa: E501

**Returns** The bucket of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property endpoint** (*self*)

Gets the endpoint of this V1alpha1S3Artifact. # noqa: E501

Endpoint is the hostname of the bucket endpoint # noqa: E501

**Returns** The endpoint of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property insecure** (*self*)

Gets the insecure of this V1alpha1S3Artifact. # noqa: E501

Insecure will connect to the service with TLS # noqa: E501

**Returns** The insecure of this V1alpha1S3Artifact. # noqa: E501

**Return type** bool

**property key** (*self*)

Gets the key of this V1alpha1S3Artifact. # noqa: E501

Key is the key in the bucket where the artifact resides # noqa: E501

**Returns** The key of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property region** (*self*)

Gets the region of this V1alpha1S3Artifact. # noqa: E501

Region contains the optional bucket region # noqa: E501

**Returns** The region of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property role\_arn** (*self*)

Gets the role\_arn of this V1alpha1S3Artifact. # noqa: E501

RoleARN is the Amazon Resource Name (ARN) of the role to assume. # noqa: E501

**Returns** The role\_arn of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property secret\_key\_secret** (*self*)

Gets the secret\_key\_secret of this V1alpha1S3Artifact. # noqa: E501

**Returns** The secret\_key\_secret of this V1alpha1S3Artifact. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1S3Bucket (*access\_key\_secret=None, bucket=None, endpoint=None, insecure=None, region=None, role\_arn=None, secret\_key\_secret=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1S3Bucket - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property access\_key\_secret** (*self*)

Gets the access\_key\_secret of this V1alpha1S3Bucket. # noqa: E501

**Returns** The access\_key\_secret of this V1alpha1S3Bucket. # noqa: E501

**Return type** kubernetes.client.models.V1SecretKeySelector

**property bucket** (*self*)

Gets the bucket of this V1alpha1S3Bucket. # noqa: E501

Bucket is the name of the bucket # noqa: E501

**Returns** The bucket of this V1alpha1S3Bucket. # noqa: E501

**Return type** str

**property endpoint** (*self*)

Gets the endpoint of this V1alpha1S3Bucket. # noqa: E501

Endpoint is the hostname of the bucket endpoint # noqa: E501

**Returns** The endpoint of this V1alpha1S3Bucket. # noqa: E501

**Return type** str

**property insecure** (*self*)

Gets the insecure of this V1alpha1S3Bucket. # noqa: E501

Insecure will connect to the service with TLS # noqa: E501

**Returns** The insecure of this V1alpha1S3Bucket. # noqa: E501

**Return type** bool

**property region** (*self*)

Gets the region of this V1alpha1S3Bucket. # noqa: E501

Region contains the optional bucket region # noqa: E501

**Returns** The region of this V1alpha1S3Bucket. # noqa: E501

**Return type** str

**property** `role_arn` (*self*)

Gets the role\_arn of this V1alpha1S3Bucket. # noqa: E501

RoleARN is the Amazon Resource Name (ARN) of the role to assume. # noqa: E501

**Returns** The role\_arn of this V1alpha1S3Bucket. # noqa: E501

**Return type** str

**property** `secret_key_secret` (*self*)

Gets the secret\_key\_secret of this V1alpha1S3Bucket. # noqa: E501

**Returns** The secret\_key\_secret of this V1alpha1S3Bucket. # noqa: E501

**Return type** `kubernetes.client.models.V1SecretKeySelector`

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1ScriptTemplate(args=None, command=None, env=None,  
                                         env_from=None, image=None, im-  
                                         age_pull_policy=None, lifecycle=None,  
                                         liveness_probe=None, name=None,  
                                         ports=None, readiness_probe=None, re-  
                                         sources=None, security_context=None,  
                                         source=None, stdin=None, stdin_once=None,  
                                         termination_message_path=None,  
                                         termination_message_policy=None,  
                                         tty=None, volume_devices=None, vol-  
                                         ume_mounts=None, working_dir=None, lo-  
                                         cal_vars_configuration=None)
```

Bases: `object`

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ScriptTemplate - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** `args` (*self*)

Gets the args of this V1alpha1ScriptTemplate. # noqa: E501

Arguments to the entrypoint. The docker image's CMD is used if this is not provided. Variable references \$(VAR\_NAME) are expanded using the container's environment. If a variable cannot be resolved, the reference in the input string will be unchanged. The \$(VAR\_NAME) syntax can be escaped with a double \$\$, ie: \$\$\$(VAR\_NAME). Escaped references will never be expanded, regardless of whether the variable exists or not. Cannot be updated. More info: <https://kubernetes.io/docs/tasks/inject-data-application/define-command-argument-container/#running-a-command-in-a-shell> # noqa: E501

**Returns** The args of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[str]



**property command** (*self*)

Gets the command of this V1alpha1ScriptTemplate. # noqa: E501

Entrypoint array. Not executed within a shell. The docker image's ENTRYPOINT is used if this is not provided. Variable references \$(VAR\_NAME) are expanded using the container's environment. If a variable cannot be resolved, the reference in the input string will be unchanged. The \$(VAR\_NAME) syntax can be escaped with a double \$\$, ie: \$\$\$(VAR\_NAME). Escaped references will never be expanded, regardless of whether the variable exists or not. Cannot be updated. More info: <https://kubernetes.io/docs/tasks/inject-data-application/define-command-argument-container/#running-a-command-in-a-shell> # noqa: E501

**Returns** The command of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[str]

**property env** (*self*)

Gets the env of this V1alpha1ScriptTemplate. # noqa: E501

List of environment variables to set in the container. Cannot be updated. # noqa: E501

**Returns** The env of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[kubernetes.client.models.V1EnvVar]

**property env\_from** (*self*)

Gets the env\_from of this V1alpha1ScriptTemplate. # noqa: E501

List of sources to populate environment variables in the container. The keys defined within a source must be a C\_IDENTIFIER. All invalid keys will be reported as an event when the container is starting. When a key exists in multiple sources, the value associated with the last source will take precedence. Values defined by an Env with a duplicate key will take precedence. Cannot be updated. # noqa: E501

**Returns** The env\_from of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[kubernetes.client.models.V1EnvFromSource]

**property image** (*self*)

Gets the image of this V1alpha1ScriptTemplate. # noqa: E501

Docker image name. More info: <https://kubernetes.io/docs/concepts/containers/images> This field is optional to allow higher level config management to default or override container images in workload controllers like Deployments and StatefulSets. # noqa: E501

**Returns** The image of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**property image\_pull\_policy** (*self*)

Gets the image\_pull\_policy of this V1alpha1ScriptTemplate. # noqa: E501

Image pull policy. One of Always, Never, IfNotPresent. Defaults to Always if :latest tag is specified, or IfNotPresent otherwise. Cannot be updated. More info: <https://kubernetes.io/docs/concepts/containers/images#updating-images> # noqa: E501

**Returns** The image\_pull\_policy of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**property lifecycle** (*self*)

Gets the lifecycle of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The lifecycle of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** kubernetes.client.models.V1Lifecycle

**property liveness\_probe** (*self*)

Gets the liveness\_probe of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The liveness\_probe of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** `kubernetes.client.models.V1Probe`

**property name** (*self*)

Gets the name of this V1alpha1ScriptTemplate. # noqa: E501

Name of the container specified as a DNS\_LABEL. Each container in a pod must have a unique name (DNS\_LABEL). Cannot be updated. # noqa: E501

**Returns** The name of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** `str`

**property ports** (*self*)

Gets the ports of this V1alpha1ScriptTemplate. # noqa: E501

List of ports to expose from the container. Exposing a port here gives the system additional information about the network connections a container uses, but is primarily informational. Not specifying a port here DOES NOT prevent that port from being exposed. Any port which is listening on the default "0.0.0.0" address inside a container will be accessible from the network. Cannot be updated. # noqa: E501

**Returns** The ports of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** `list[kubernetes.client.models.V1ContainerPort]`

**property readiness\_probe** (*self*)

Gets the readiness\_probe of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The readiness\_probe of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** `kubernetes.client.models.V1Probe`

**property resources** (*self*)

Gets the resources of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The resources of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** `kubernetes.client.models.V1ResourceRequirements`

**property security\_context** (*self*)

Gets the security\_context of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The security\_context of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** `kubernetes.client.models.V1SecurityContext`

**property source** (*self*)

Gets the source of this V1alpha1ScriptTemplate. # noqa: E501

Source contains the source code of the script to execute # noqa: E501

**Returns** The source of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** `str`

**property stdin** (*self*)

Gets the stdin of this V1alpha1ScriptTemplate. # noqa: E501

Whether this container should allocate a buffer for stdin in the container runtime. If this is not set, reads from stdin in the container will always result in EOF. Default is false. # noqa: E501

**Returns** The stdin of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** bool

**property stdin\_once** (*self*)

Gets the stdin\_once of this V1alpha1ScriptTemplate. # noqa: E501

Whether the container runtime should close the stdin channel after it has been opened by a single attach. When stdin is true the stdin stream will remain open across multiple attach sessions. If stdinOnce is set to true, stdin is opened on container start, is empty until the first client attaches to stdin, and then remains open and accepts data until the client disconnects, at which time stdin is closed and remains closed until the container is restarted. If this flag is false, a container processes that reads from stdin will never receive an EOF. Default is false # noqa: E501

**Returns** The stdin\_once of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** bool

**property termination\_message\_path** (*self*)

Gets the termination\_message\_path of this V1alpha1ScriptTemplate. # noqa: E501

Optional: Path at which the file to which the container's termination message will be written is mounted into the container's filesystem. Message written is intended to be brief final status, such as an assertion failure message. Will be truncated by the node if greater than 4096 bytes. The total message length across all containers will be limited to 12kb. Defaults to /dev/termination-log. Cannot be updated. # noqa: E501

**Returns** The termination\_message\_path of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**property termination\_message\_policy** (*self*)

Gets the termination\_message\_policy of this V1alpha1ScriptTemplate. # noqa: E501

Indicate how the termination message should be populated. File will use the contents of terminationMessagePath to populate the container status message on both success and failure. FallbackToLogsOnError will use the last chunk of container log output if the termination message file is empty and the container exited with an error. The log output is limited to 2048 bytes or 80 lines, whichever is smaller. Defaults to File. Cannot be updated. # noqa: E501

**Returns** The termination\_message\_policy of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**property tty** (*self*)

Gets the tty of this V1alpha1ScriptTemplate. # noqa: E501

Whether this container should allocate a TTY for itself, also requires 'stdin' to be true. Default is false. # noqa: E501

**Returns** The tty of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** bool

**property volume\_devices** (*self*)

Gets the volume\_devices of this V1alpha1ScriptTemplate. # noqa: E501

volumeDevices is the list of block devices to be used by the container. This is a beta feature. # noqa: E501

**Returns** The volume\_devices of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[kubernetes.client.models.V1VolumeDevice]

**property volume\_mounts** (*self*)

Gets the volume\_mounts of this V1alpha1ScriptTemplate. # noqa: E501

Pod volumes to mount into the container's filesystem. Cannot be updated. # noqa: E501

**Returns** The volume\_mounts of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** list[kubernetes.client.models.V1VolumeMount]

**property working\_dir** (*self*)

Gets the working\_dir of this V1alpha1ScriptTemplate. # noqa: E501

Container's working directory. If not specified, the container runtime's default will be used, which might be configured in the container image. Cannot be updated. # noqa: E501

**Returns** The working\_dir of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1Sequence (*count=None, end=None, format=None, start=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Sequence - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property count** (*self*)

Gets the count of this V1alpha1Sequence. # noqa: E501

Count is number of elements in the sequence (default: 0). Not to be used with end # noqa: E501

**Returns** The count of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property end** (*self*)

Gets the end of this V1alpha1Sequence. # noqa: E501

Number at which to end the sequence (default: 0). Not to be used with Count # noqa: E501

**Returns** The end of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property format** (*self*)

Gets the format of this V1alpha1Sequence. # noqa: E501

Format is a printf format string to format the value in the sequence # noqa: E501

**Returns** The format of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property start** (*self*)

Gets the start of this V1alpha1Sequence. # noqa: E501

Number at which to start the sequence (default: 0) # noqa: E501

**Returns** The start of this V1alpha1Sequence. # noqa: E501

**Return type** str

**to\_dict** (*self*)  
Returns the model properties as a dict

**to\_str** (*self*)  
Returns the string representation of the model

**class** argo.models.V1alpha1SuspendTemplate (*duration=None, local\_vars\_configuration=None*) *lo-*

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1SuspendTemplate - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property duration** (*self*)  
Gets the duration of this V1alpha1SuspendTemplate. # noqa: E501

Duration is the seconds to wait before automatically resuming a template # noqa: E501

**Returns** The duration of this V1alpha1SuspendTemplate. # noqa: E501

**Return type** int

**to\_dict** (*self*)  
Returns the model properties as a dict

**to\_str** (*self*)  
Returns the string representation of the model

**class** argo.models.V1alpha1Template (*active\_deadline\_seconds=None, affinity=None, archive\_location=None, arguments=None, auto-mount\_service\_account\_token=None, container=None, daemon=None, dag=None, executor=None, host\_aliases=None, init\_containers=None, inputs=None, metadata=None, name=None, node\_selector=None, outputs=None, parallelism=None, pod\_spec\_patch=None, priority=None, priority\_class\_name=None, resource=None, retry\_strategy=None, scheduler\_name=None, script=None, security\_context=None, service\_account\_name=None, sidecars=None, steps=None, suspend=None, template=None, template\_ref=None, tolerations=None, volumes=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Template - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property active\_deadline\_seconds** (*self*)  
Gets the active\_deadline\_seconds of this V1alpha1Template. # noqa: E501

Optional duration in seconds relative to the StartTime that the pod may be active on a node before the system actively tries to terminate the pod; value must be positive integer This field is only applicable to container and script templates. # noqa: E501

**Returns** The active\_deadline\_seconds of this V1alpha1Template. # noqa: E501

**Return type** int

**property affinity** (*self*)

Gets the affinity of this V1alpha1Template. # noqa: E501

**Returns** The affinity of this V1alpha1Template. # noqa: E501

**Return type** kubernetes.client.models.V1Affinity

**property archive\_location** (*self*)

Gets the archive\_location of this V1alpha1Template. # noqa: E501

**Returns** The archive\_location of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1ArtifactLocation*

**property arguments** (*self*)

Gets the arguments of this V1alpha1Template. # noqa: E501

**Returns** The arguments of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1Arguments*

**property automount\_service\_account\_token** (*self*)

Gets the automount\_service\_account\_token of this V1alpha1Template. # noqa: E501

AutomountServiceAccountToken indicates whether a service account token should be automatically mounted in pods. ServiceAccountName of ExecutorConfig must be specified if this value is false. # noqa: E501

**Returns** The automount\_service\_account\_token of this V1alpha1Template. # noqa: E501

**Return type** bool

**property container** (*self*)

Gets the container of this V1alpha1Template. # noqa: E501

**Returns** The container of this V1alpha1Template. # noqa: E501

**Return type** kubernetes.client.models.V1Container

**property daemon** (*self*)

Gets the daemon of this V1alpha1Template. # noqa: E501

Daemon will allow a workflow to proceed to the next step so long as the container reaches readiness # noqa: E501

**Returns** The daemon of this V1alpha1Template. # noqa: E501

**Return type** bool

**property dag** (*self*)

Gets the dag of this V1alpha1Template. # noqa: E501

**Returns** The dag of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1DAGTemplate*

**property executor** (*self*)

Gets the executor of this V1alpha1Template. # noqa: E501

**Returns** The executor of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1ExecutorConfig*

**property host\_aliases** (*self*)

Gets the host\_aliases of this V1alpha1Template. # noqa: E501

HostAliases is an optional list of hosts and IPs that will be injected into the pod spec # noqa: E501

**Returns** The host\_aliases of this V1alpha1Template. # noqa: E501

**Return type** list[kubernetes.client.models.V1HostAlias]

**property init\_containers** (*self*)

Gets the init\_containers of this V1alpha1Template. # noqa: E501

InitContainers is a list of containers which run before the main container. # noqa: E501

**Returns** The init\_containers of this V1alpha1Template. # noqa: E501

**Return type** list[V1alpha1UserContainer]

**property inputs** (*self*)

Gets the inputs of this V1alpha1Template. # noqa: E501

**Returns** The inputs of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1Inputs*

**property metadata** (*self*)

Gets the metadata of this V1alpha1Template. # noqa: E501

**Returns** The metadata of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1Metadata*

**property name** (*self*)

Gets the name of this V1alpha1Template. # noqa: E501

Name is the name of the template # noqa: E501

**Returns** The name of this V1alpha1Template. # noqa: E501

**Return type** str

**property node\_selector** (*self*)

Gets the node\_selector of this V1alpha1Template. # noqa: E501

NodeSelector is a selector to schedule this step of the workflow to be run on the selected node(s). Overrides the selector set at the workflow level. # noqa: E501

**Returns** The node\_selector of this V1alpha1Template. # noqa: E501

**Return type** dict(str, str)

**property outputs** (*self*)

Gets the outputs of this V1alpha1Template. # noqa: E501

**Returns** The outputs of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1Outputs*

**property parallelism** (*self*)

Gets the parallelism of this V1alpha1Template. # noqa: E501

Parallelism limits the max total parallel pods that can execute at the same time within the boundaries of this template invocation. If additional steps/dag templates are invoked, the pods created by those templates will not be counted towards this total. # noqa: E501

**Returns** The parallelism of this V1alpha1Template. # noqa: E501

**Return type** int

**property pod\_spec\_patch** (*self*)

Gets the pod\_spec\_patch of this V1alpha1Template. # noqa: E501

PodSpecPatch holds strategic merge patch to apply against the pod spec. Allows parameterization of container fields which are not strings (e.g. resource limits). # noqa: E501

**Returns** The pod\_spec\_patch of this V1alpha1Template. # noqa: E501

**Return type** str

**property priority** (*self*)

Gets the priority of this V1alpha1Template. # noqa: E501

Priority to apply to workflow pods. # noqa: E501

**Returns** The priority of this V1alpha1Template. # noqa: E501

**Return type** int

**property priority\_class\_name** (*self*)

Gets the priority\_class\_name of this V1alpha1Template. # noqa: E501

PriorityClassName to apply to workflow pods. # noqa: E501

**Returns** The priority\_class\_name of this V1alpha1Template. # noqa: E501

**Return type** str

**property resource** (*self*)

Gets the resource of this V1alpha1Template. # noqa: E501

**Returns** The resource of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1ResourceTemplate*

**property retry\_strategy** (*self*)

Gets the retry\_strategy of this V1alpha1Template. # noqa: E501

**Returns** The retry\_strategy of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1RetryStrategy*

**property scheduler\_name** (*self*)

Gets the scheduler\_name of this V1alpha1Template. # noqa: E501

If specified, the pod will be dispatched by specified scheduler. Or it will be dispatched by workflow scope scheduler if specified. If neither specified, the pod will be dispatched by default scheduler. # noqa: E501

**Returns** The scheduler\_name of this V1alpha1Template. # noqa: E501

**Return type** str

**property script** (*self*)

Gets the script of this V1alpha1Template. # noqa: E501

**Returns** The script of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1ScriptTemplate*

**property security\_context** (*self*)

Gets the security\_context of this V1alpha1Template. # noqa: E501

**Returns** The security\_context of this V1alpha1Template. # noqa: E501



**Return type** `kubernetes.client.models.V1PodSecurityContext`

**property service\_account\_name** (*self*)

Gets the service\_account\_name of this V1alpha1Template. # noqa: E501

ServiceAccountName to apply to workflow pods # noqa: E501

**Returns** The service\_account\_name of this V1alpha1Template. # noqa: E501

**Return type** `str`

**property sidecars** (*self*)

Gets the sidecars of this V1alpha1Template. # noqa: E501

Sidecars is a list of containers which run alongside the main container Sidecars are automatically killed when the main container completes # noqa: E501

**Returns** The sidecars of this V1alpha1Template. # noqa: E501

**Return type** `list[V1alpha1UserContainer]`

**property steps** (*self*)

Gets the steps of this V1alpha1Template. # noqa: E501

Steps define a series of sequential/parallel workflow steps # noqa: E501

**Returns** The steps of this V1alpha1Template. # noqa: E501

**Return type** `list[list[V1alpha1WorkflowStep]]`

**property suspend** (*self*)

Gets the suspend of this V1alpha1Template. # noqa: E501

**Returns** The suspend of this V1alpha1Template. # noqa: E501

**Return type** `V1alpha1SuspendTemplate`

**property template** (*self*)

Gets the template of this V1alpha1Template. # noqa: E501

Template is the name of the template which is used as the base of this template. # noqa: E501

**Returns** The template of this V1alpha1Template. # noqa: E501

**Return type** `str`

**property template\_ref** (*self*)

Gets the template\_ref of this V1alpha1Template. # noqa: E501

**Returns** The template\_ref of this V1alpha1Template. # noqa: E501

**Return type** `V1alpha1TemplateRef`

**property tolerations** (*self*)

Gets the tolerations of this V1alpha1Template. # noqa: E501

Tolerations to apply to workflow pods. # noqa: E501

**Returns** The tolerations of this V1alpha1Template. # noqa: E501

**Return type** `list[kubernetes.client.models.V1Toleration]`

**property volumes** (*self*)

Gets the volumes of this V1alpha1Template. # noqa: E501

Volumes is a list of volumes that can be mounted by containers in a template. # noqa: E501

**Returns** The volumes of this V1alpha1Template. # noqa: E501

**Return type** list[kubernetes.client.models.V1Volume]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1TemplateRef (*name=None, runtime\_resolution=None, template=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1TemplateRef - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property name** (*self*)

Gets the name of this V1alpha1TemplateRef. # noqa: E501

Name is the resource name of the template. # noqa: E501

**Returns** The name of this V1alpha1TemplateRef. # noqa: E501

**Return type** str

**property runtime\_resolution** (*self*)

Gets the runtime\_resolution of this V1alpha1TemplateRef. # noqa: E501

RuntimeResolution skips validation at creation time. By enabling this option, you can create the referred workflow template before the actual runtime. # noqa: E501

**Returns** The runtime\_resolution of this V1alpha1TemplateRef. # noqa: E501

**Return type** bool

**property template** (*self*)

Gets the template of this V1alpha1TemplateRef. # noqa: E501

Template is the name of referred template in the resource. # noqa: E501

**Returns** The template of this V1alpha1TemplateRef. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1UserContainer (args=None, command=None, env=None,
                                         env_from=None, image=None, image_pull_policy=None, lifecycle=None, liveness_probe=None, mirror_volume_mounts=None, name=None, ports=None, readiness_probe=None, resources=None, security_context=None, stdin=None, stdin_once=None, termination_message_path=None, termination_message_policy=None, tty=None, volume_devices=None, volume_mounts=None, working_dir=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1UserContainer - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property args** (*self*)

Gets the args of this V1alpha1UserContainer. # noqa: E501

Arguments to the entrypoint. The docker image's CMD is used if this is not provided. Variable references \$(VAR\_NAME) are expanded using the container's environment. If a variable cannot be resolved, the reference in the input string will be unchanged. The \$(VAR\_NAME) syntax can be escaped with a double \$\$, ie: \$\$\$(VAR\_NAME). Escaped references will never be expanded, regardless of whether the variable exists or not. Cannot be updated. More info: <https://kubernetes.io/docs/tasks/inject-data-application/define-command-argument-container/#running-a-command-in-a-shell> # noqa: E501

**Returns** The args of this V1alpha1UserContainer. # noqa: E501

**Return type** list[str]

**property command** (*self*)

Gets the command of this V1alpha1UserContainer. # noqa: E501

Entrypoint array. Not executed within a shell. The docker image's ENTRYPOINT is used if this is not provided. Variable references \$(VAR\_NAME) are expanded using the container's environment. If a variable cannot be resolved, the reference in the input string will be unchanged. The \$(VAR\_NAME) syntax can be escaped with a double \$\$, ie: \$\$\$(VAR\_NAME). Escaped references will never be expanded, regardless of whether the variable exists or not. Cannot be updated. More info: <https://kubernetes.io/docs/tasks/inject-data-application/define-command-argument-container/#running-a-command-in-a-shell> # noqa: E501

**Returns** The command of this V1alpha1UserContainer. # noqa: E501

**Return type** list[str]

**property env** (*self*)

Gets the env of this V1alpha1UserContainer. # noqa: E501

List of environment variables to set in the container. Cannot be updated. # noqa: E501

**Returns** The env of this V1alpha1UserContainer. # noqa: E501

**Return type** list[kubernetes.client.models.V1EnvVar]

**property env\_from** (*self*)

Gets the env\_from of this V1alpha1UserContainer. # noqa: E501

List of sources to populate environment variables in the container. The keys defined within a source must be a C\_IDENTIFIER. All invalid keys will be reported as an event when the container is starting. When a key exists in multiple sources, the value associated with the last source will take precedence. Values defined by an Env with a duplicate key will take precedence. Cannot be updated. # noqa: E501

**Returns** The env\_from of this V1alpha1UserContainer. # noqa: E501

**Return type** list[kubernetes.client.models.V1EnvFromSource]

**property image** (*self*)

Gets the image of this V1alpha1UserContainer. # noqa: E501

Docker image name. More info: <https://kubernetes.io/docs/concepts/containers/images> This field is optional to allow higher level config management to default or override container images in workload controllers like Deployments and StatefulSets. # noqa: E501

**Returns** The image of this V1alpha1UserContainer. # noqa: E501

**Return type** str

**property image\_pull\_policy** (*self*)

Gets the image\_pull\_policy of this V1alpha1UserContainer. # noqa: E501

Image pull policy. One of Always, Never, IfNotPresent. Defaults to Always if :latest tag is specified, or IfNotPresent otherwise. Cannot be updated. More info: <https://kubernetes.io/docs/concepts/containers/images#updating-images> # noqa: E501

**Returns** The image\_pull\_policy of this V1alpha1UserContainer. # noqa: E501

**Return type** str

**property lifecycle** (*self*)

Gets the lifecycle of this V1alpha1UserContainer. # noqa: E501

**Returns** The lifecycle of this V1alpha1UserContainer. # noqa: E501

**Return type** kubernetes.client.models.V1Lifecycle

**property liveness\_probe** (*self*)

Gets the liveness\_probe of this V1alpha1UserContainer. # noqa: E501

**Returns** The liveness\_probe of this V1alpha1UserContainer. # noqa: E501

**Return type** kubernetes.client.models.V1Probe

**property mirror\_volume\_mounts** (*self*)

Gets the mirror\_volume\_mounts of this V1alpha1UserContainer. # noqa: E501

MirrorVolumeMounts will mount the same volumes specified in the main container to the container (including artifacts), at the same mountPaths. This enables dind daemon to partially see the same filesystem as the main container in order to use features such as docker volume binding # noqa: E501

**Returns** The mirror\_volume\_mounts of this V1alpha1UserContainer. # noqa: E501

**Return type** bool

**property name** (*self*)

Gets the name of this V1alpha1UserContainer. # noqa: E501

Name of the container specified as a DNS\_LABEL. Each container in a pod must have a unique name (DNS\_LABEL). Cannot be updated. # noqa: E501

**Returns** The name of this V1alpha1UserContainer. # noqa: E501

**Return type** str

**property ports** (*self*)

Gets the ports of this V1alpha1UserContainer. # noqa: E501

List of ports to expose from the container. Exposing a port here gives the system additional information about the network connections a container uses, but is primarily informational. Not specifying a port here DOES NOT prevent that port from being exposed. Any port which is listening on the default “0.0.0.0” address inside a container will be accessible from the network. Cannot be updated. # noqa: E501

**Returns** The ports of this V1alpha1UserContainer. # noqa: E501

**Return type** list[kubernetes.client.models.V1ContainerPort]

**property readiness\_probe** (*self*)

Gets the readiness\_probe of this V1alpha1UserContainer. # noqa: E501

**Returns** The readiness\_probe of this V1alpha1UserContainer. # noqa: E501

**Return type** kubernetes.client.models.V1Probe

**property resources** (*self*)

Gets the resources of this V1alpha1UserContainer. # noqa: E501

**Returns** The resources of this V1alpha1UserContainer. # noqa: E501

**Return type** kubernetes.client.models.V1ResourceRequirements

**property security\_context** (*self*)

Gets the security\_context of this V1alpha1UserContainer. # noqa: E501

**Returns** The security\_context of this V1alpha1UserContainer. # noqa: E501

**Return type** kubernetes.client.models.V1SecurityContext

**property stdin** (*self*)

Gets the stdin of this V1alpha1UserContainer. # noqa: E501

Whether this container should allocate a buffer for stdin in the container runtime. If this is not set, reads from stdin in the container will always result in EOF. Default is false. # noqa: E501

**Returns** The stdin of this V1alpha1UserContainer. # noqa: E501

**Return type** bool

**property stdin\_once** (*self*)

Gets the stdin\_once of this V1alpha1UserContainer. # noqa: E501

Whether the container runtime should close the stdin channel after it has been opened by a single attach. When stdin is true the stdin stream will remain open across multiple attach sessions. If stdinOnce is set to true, stdin is opened on container start, is empty until the first client attaches to stdin, and then remains open and accepts data until the client disconnects, at which time stdin is closed and remains closed until the container is restarted. If this flag is false, a container processes that reads from stdin will never receive an EOF. Default is false # noqa: E501

**Returns** The stdin\_once of this V1alpha1UserContainer. # noqa: E501

**Return type** bool

**property termination\_message\_path** (*self*)

Gets the termination\_message\_path of this V1alpha1UserContainer. # noqa: E501

Optional: Path at which the file to which the container’s termination message will be written is mounted into the container’s filesystem. Message written is intended to be brief final status, such as an assertion failure message. Will be truncated by the node if greater than 4096 bytes. The total message length across all containers will be limited to 12kb. Defaults to /dev/termination-log. Cannot be updated. # noqa: E501

**Returns** The `termination_message_path` of this `V1alpha1UserContainer`. # noqa: E501

**Return type** str

**property** `termination_message_policy` (*self*)

Gets the `termination_message_policy` of this `V1alpha1UserContainer`. # noqa: E501

Indicate how the termination message should be populated. File will use the contents of `terminationMessagePath` to populate the container status message on both success and failure. `FallbackToLogsOnError` will use the last chunk of container log output if the termination message file is empty and the container exited with an error. The log output is limited to 2048 bytes or 80 lines, whichever is smaller. Defaults to File. Cannot be updated. # noqa: E501

**Returns** The `termination_message_policy` of this `V1alpha1UserContainer`. # noqa: E501

**Return type** str

**property** `tty` (*self*)

Gets the `tty` of this `V1alpha1UserContainer`. # noqa: E501

Whether this container should allocate a TTY for itself, also requires 'stdin' to be true. Default is false. # noqa: E501

**Returns** The `tty` of this `V1alpha1UserContainer`. # noqa: E501

**Return type** bool

**property** `volume_devices` (*self*)

Gets the `volume_devices` of this `V1alpha1UserContainer`. # noqa: E501

`volumeDevices` is the list of block devices to be used by the container. This is a beta feature. # noqa: E501

**Returns** The `volume_devices` of this `V1alpha1UserContainer`. # noqa: E501

**Return type** list[kubernetes.client.models.V1VolumeDevice]

**property** `volume_mounts` (*self*)

Gets the `volume_mounts` of this `V1alpha1UserContainer`. # noqa: E501

Pod volumes to mount into the container's filesystem. Cannot be updated. # noqa: E501

**Returns** The `volume_mounts` of this `V1alpha1UserContainer`. # noqa: E501

**Return type** list[kubernetes.client.models.V1VolumeMount]

**property** `working_dir` (*self*)

Gets the `working_dir` of this `V1alpha1UserContainer`. # noqa: E501

Container's working directory. If not specified, the container runtime's default will be used, which might be configured in the container image. Cannot be updated. # noqa: E501

**Returns** The `working_dir` of this `V1alpha1UserContainer`. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** `argo.models.V1alpha1ValueFrom` (*jq\_filter=None*, *json\_path=None*, *parameter=None*,  
*path=None*, *local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1ValueFrom - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property jq\_filter** (*self*)

Gets the jq\_filter of this V1alpha1ValueFrom. # noqa: E501

JQFilter expression against the resource object in resource templates # noqa: E501

**Returns** The jq\_filter of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property json\_path** (*self*)

Gets the json\_path of this V1alpha1ValueFrom. # noqa: E501

JSONPath of a resource to retrieve an output parameter value from in resource templates # noqa: E501

**Returns** The json\_path of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property parameter** (*self*)

Gets the parameter of this V1alpha1ValueFrom. # noqa: E501

Parameter reference to a step or dag task in which to retrieve an output parameter value from (e.g. '{{steps.mystep.outputs.myparam}}') # noqa: E501

**Returns** The parameter of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property path** (*self*)

Gets the path of this V1alpha1ValueFrom. # noqa: E501

Path in the container to retrieve an output parameter value from in container templates # noqa: E501

**Returns** The path of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1Workflow (api_version=None,          kind=None,          meta-
                                data=None,          spec=None,          status=None,          lo-
                                cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1Workflow - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property api\_version** (*self*)

Gets the api\_version of this V1alpha1Workflow. # noqa: E501

APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#resources> # noqa: E501

**Returns** The api\_version of this V1alpha1Workflow. # noqa: E501

**Return type** str

**property kind** (*self*)

Gets the kind of this V1alpha1Workflow. # noqa: E501

Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds> # noqa: E501

**Returns** The kind of this V1alpha1Workflow. # noqa: E501

**Return type** str

**property metadata** (*self*)

Gets the metadata of this V1alpha1Workflow. # noqa: E501

**Returns** The metadata of this V1alpha1Workflow. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1ObjectMeta

**property spec** (*self*)

Gets the spec of this V1alpha1Workflow. # noqa: E501

**Returns** The spec of this V1alpha1Workflow. # noqa: E501

**Return type** *V1alpha1WorkflowSpec*

**property status** (*self*)

Gets the status of this V1alpha1Workflow. # noqa: E501

**Returns** The status of this V1alpha1Workflow. # noqa: E501

**Return type** *V1alpha1WorkflowStatus*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1WorkflowList (*api\_version=None, items=None, kind=None, metadata=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowList - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property api\_version** (*self*)

Gets the api\_version of this V1alpha1WorkflowList. # noqa: E501



APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#resources> # noqa: E501

**Returns** The api\_version of this V1alpha1WorkflowList. # noqa: E501

**Return type** str

**property items** (*self*)

Gets the items of this V1alpha1WorkflowList. # noqa: E501

**Returns** The items of this V1alpha1WorkflowList. # noqa: E501

**Return type** list[V1alpha1Workflow]

**property kind** (*self*)

Gets the kind of this V1alpha1WorkflowList. # noqa: E501

Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds> # noqa: E501

**Returns** The kind of this V1alpha1WorkflowList. # noqa: E501

**Return type** str

**property metadata** (*self*)

Gets the metadata of this V1alpha1WorkflowList. # noqa: E501

**Returns** The metadata of this V1alpha1WorkflowList. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1ListMeta

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1WorkflowSpec (active_deadline_seconds=None, affinity=None, arguments=None, artifact_repository_ref=None, automount_service_account_token=None, dns_config=None, dns_policy=None, entry_point=None, executor=None, host_aliases=None, host_network=None, image_pull_secrets=None, node_selector=None, on_exit=None, parallelism=None, pod_gc=None, pod_priority=None, pod_priority_class_name=None, pod_spec_patch=None, priority=None, scheduler_name=None, security_context=None, service_account_name=None, suspend=None, templates=None, tolerations=None, ttl_seconds_after_finished=None, volume_claim_templates=None, volumes=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowSpec - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property active\_deadline\_seconds** (*self*)

Gets the active\_deadline\_seconds of this V1alpha1WorkflowSpec. # noqa: E501

Optional duration in seconds relative to the workflow start time which the workflow is allowed to run before the controller terminates the workflow. A value of zero is used to terminate a Running workflow # noqa: E501

**Returns** The active\_deadline\_seconds of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** int

**property affinity** (*self*)

Gets the affinity of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The affinity of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `kubernetes.client.models.V1Affinity`

**property arguments** (*self*)

Gets the arguments of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The arguments of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** *V1alpha1Arguments*

**property artifact\_repository\_ref** (*self*)

Gets the artifact\_repository\_ref of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The artifact\_repository\_ref of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** *V1alpha1ArtifactRepositoryRef*

**property automount\_service\_account\_token** (*self*)

Gets the automount\_service\_account\_token of this V1alpha1WorkflowSpec. # noqa: E501

AutomountServiceAccountToken indicates whether a service account token should be automatically mounted in pods. ServiceAccountName of ExecutorConfig must be specified if this value is false. # noqa: E501

**Returns** The automount\_service\_account\_token of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** bool

**property dns\_config** (*self*)

Gets the dns\_config of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The dns\_config of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `kubernetes.client.models.V1PodDNSConfig`

**property dns\_policy** (*self*)

Gets the dns\_policy of this V1alpha1WorkflowSpec. # noqa: E501

Set DNS policy for the pod. Defaults to "ClusterFirst". Valid values are 'ClusterFirstWithHostNet', 'ClusterFirst', 'Default' or 'None'. DNS parameters given in DNSConfig will be merged with the policy selected with DNSPolicy. To have DNS options set along with hostNetwork, you have to specify DNS policy explicitly to 'ClusterFirstWithHostNet'. # noqa: E501

**Returns** The dns\_policy of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property entrypoint** (*self*)

Gets the entrypoint of this V1alpha1WorkflowSpec. # noqa: E501

Entrypoint is a template reference to the starting point of the workflow # noqa: E501

**Returns** The entrypoint of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property executor** (*self*)

Gets the executor of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The executor of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** *V1alpha1ExecutorConfig*

**property host\_aliases** (*self*)

Gets the host\_aliases of this V1alpha1WorkflowSpec. # noqa: E501

HostAliases is an optional list of hosts and IPs that will be injected into the pod spec # noqa: E501

**Returns** The host\_aliases of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** list[kubernetes.client.models.V1HostAlias]

**property host\_network** (*self*)

Gets the host\_network of this V1alpha1WorkflowSpec. # noqa: E501

Host networking requested for this workflow pod. Default to false. # noqa: E501

**Returns** The host\_network of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** bool

**property image\_pull\_secrets** (*self*)

Gets the image\_pull\_secrets of this V1alpha1WorkflowSpec. # noqa: E501

ImagePullSecrets is a list of references to secrets in the same namespace to use for pulling any images in pods that reference this ServiceAccount. ImagePullSecrets are distinct from Secrets because Secrets can be mounted in the pod, but ImagePullSecrets are only accessed by the kubelet. More info: <https://kubernetes.io/docs/concepts/containers/images/#specifying-imagepullsecrets-on-a-pod> # noqa: E501

**Returns** The image\_pull\_secrets of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** list[kubernetes.client.models.V1LocalObjectReference]

**property node\_selector** (*self*)

Gets the node\_selector of this V1alpha1WorkflowSpec. # noqa: E501

NodeSelector is a selector which will result in all pods of the workflow to be scheduled on the selected node(s). This is able to be overridden by a nodeSelector specified in the template. # noqa: E501

**Returns** The node\_selector of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** dict(str, str)

**property on\_exit** (*self*)

Gets the on\_exit of this V1alpha1WorkflowSpec. # noqa: E501

OnExit is a template reference which is invoked at the end of the workflow, irrespective of the success, failure, or error of the primary workflow. # noqa: E501

**Returns** The on\_exit of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property parallelism** (*self*)

Gets the parallelism of this V1alpha1WorkflowSpec. # noqa: E501

Parallelism limits the max total parallel pods that can execute at the same time in a workflow # noqa: E501

**Returns** The parallelism of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** int

**property pod\_gc** (*self*)

Gets the pod\_gc of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The pod\_gc of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** *V1alpha1PodGC*

**property pod\_priority** (*self*)

Gets the pod\_priority of this V1alpha1WorkflowSpec. # noqa: E501

Priority to apply to workflow pods. # noqa: E501

**Returns** The pod\_priority of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** int

**property pod\_priority\_class\_name** (*self*)

Gets the pod\_priority\_class\_name of this V1alpha1WorkflowSpec. # noqa: E501

PriorityClassName to apply to workflow pods. # noqa: E501

**Returns** The pod\_priority\_class\_name of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property pod\_spec\_patch** (*self*)

Gets the pod\_spec\_patch of this V1alpha1WorkflowSpec. # noqa: E501

PodSpecPatch holds strategic merge patch to apply against the pod spec. Allows parameterization of container fields which are not strings (e.g. resource limits). # noqa: E501

**Returns** The pod\_spec\_patch of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property priority** (*self*)

Gets the priority of this V1alpha1WorkflowSpec. # noqa: E501

Priority is used if controller is configured to process limited number of workflows in parallel. Workflows with higher priority are processed first. # noqa: E501

**Returns** The priority of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** int

**property scheduler\_name** (*self*)

Gets the scheduler\_name of this V1alpha1WorkflowSpec. # noqa: E501

Set scheduler name for all pods. Will be overridden if container/script template's scheduler name is set. Default scheduler will be used if neither specified. # noqa: E501

**Returns** The scheduler\_name of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property security\_context** (*self*)

Gets the security\_context of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The security\_context of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `kubernetes.client.models.V1PodSecurityContext`

**property service\_account\_name** (*self*)

Gets the service\_account\_name of this V1alpha1WorkflowSpec. # noqa: E501

ServiceAccountName is the name of the ServiceAccount to run all pods of the workflow as. # noqa: E501

**Returns** The service\_account\_name of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `str`

**property suspend** (*self*)

Gets the suspend of this V1alpha1WorkflowSpec. # noqa: E501

Suspend will suspend the workflow and prevent execution of any future steps in the workflow # noqa: E501

**Returns** The suspend of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `bool`

**property templates** (*self*)

Gets the templates of this V1alpha1WorkflowSpec. # noqa: E501

Templates is a list of workflow templates used in a workflow # noqa: E501

**Returns** The templates of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `list[V1alpha1Template]`

**property tolerations** (*self*)

Gets the tolerations of this V1alpha1WorkflowSpec. # noqa: E501

Tolerations to apply to workflow pods. # noqa: E501

**Returns** The tolerations of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `list[kubernetes.client.models.V1Toleration]`

**property ttl\_seconds\_after\_finished** (*self*)

Gets the ttl\_seconds\_after\_finished of this V1alpha1WorkflowSpec. # noqa: E501

TTLSecondsAfterFinished limits the lifetime of a Workflow that has finished execution (Succeeded, Failed, Error). If this field is set, once the Workflow finishes, it will be deleted after ttlSecondsAfterFinished expires. If this field is unset, ttlSecondsAfterFinished will not expire. If this field is set to zero, ttlSecondsAfterFinished expires immediately after the Workflow finishes. # noqa: E501

**Returns** The ttl\_seconds\_after\_finished of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `int`

**property volume\_claim\_templates** (*self*)

Gets the volume\_claim\_templates of this V1alpha1WorkflowSpec. # noqa: E501

VolumeClaimTemplates is a list of claims that containers are allowed to reference. The Workflow controller will create the claims at the beginning of the workflow and delete the claims upon completion of the workflow # noqa: E501

**Returns** The volume\_claim\_templates of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** `list[kubernetes.client.models.V1PersistentVolumeClaim]`

**property volumes** (*self*)

Gets the volumes of this V1alpha1WorkflowSpec. # noqa: E501

Volumes is a list of volumes that can be mounted by containers in a workflow. # noqa: E501

**Returns** The volumes of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** list[kubernetes.client.models.V1Volume]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1WorkflowStatus (compressed_nodes=None, finished_at=None,  
                                           message=None, nodes=None, outputs=None,  
                                           persistent_volume_claims=None, phase=None,  
                                           started_at=None, stored_templates=None,  
                                           local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowStatus - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property compressed\_nodes** (*self*)

Gets the compressed\_nodes of this V1alpha1WorkflowStatus. # noqa: E501

Compressed and base64 decoded Nodes map # noqa: E501

**Returns** The compressed\_nodes of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** str

**property finished\_at** (*self*)

Gets the finished\_at of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The finished\_at of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1Time

**property message** (*self*)

Gets the message of this V1alpha1WorkflowStatus. # noqa: E501

A human readable message indicating details about why the workflow is in this condition. # noqa: E501

**Returns** The message of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** str

**property nodes** (*self*)

Gets the nodes of this V1alpha1WorkflowStatus. # noqa: E501

Nodes is a mapping between a node ID and the node's status. # noqa: E501

**Returns** The nodes of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** dict(str, *V1alpha1NodeStatus*)

**property outputs** (*self*)

Gets the outputs of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The outputs of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** *V1alpha1Outputs*

**property persistent\_volume\_claims** (*self*)

Gets the persistent\_volume\_claims of this V1alpha1WorkflowStatus. # noqa: E501

PersistentVolumeClaims tracks all PVCs that were created as part of the workflow. The contents of this list are drained at the end of the workflow. # noqa: E501

**Returns** The persistent\_volume\_claims of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** list[kubernetes.client.models.V1Volume]

**property phase** (*self*)

Gets the phase of this V1alpha1WorkflowStatus. # noqa: E501

Phase a simple, high-level summary of where the workflow is in its lifecycle. # noqa: E501

**Returns** The phase of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** str

**property started\_at** (*self*)

Gets the started\_at of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The started\_at of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1Time

**property stored\_templates** (*self*)

Gets the stored\_templates of this V1alpha1WorkflowStatus. # noqa: E501

StoredTemplates is a mapping between a template ref and the node's status. # noqa: E501

**Returns** The stored\_templates of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** dict(str, *V1alpha1Template*)

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1WorkflowStep (arguments=None, continue_on=None,
                                         name=None, template=None, tem-
                                         plate_ref=None, when=None, with_items=None,
                                         with_param=None, with_sequence=None, lo-
                                         cal_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowStep - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property arguments** (*self*)

Gets the arguments of this V1alpha1WorkflowStep. # noqa: E501

**Returns** The arguments of this V1alpha1WorkflowStep. # noqa: E501

**Return type** *V1alpha1Arguments*

**property continue\_on** (*self*)

Gets the continue\_on of this V1alpha1WorkflowStep. # noqa: E501

**Returns** The continue\_on of this V1alpha1WorkflowStep. # noqa: E501

**Return type** *V1alpha1ContinueOn*

**property name** (*self*)

Gets the name of this V1alpha1WorkflowStep. # noqa: E501

Name of the step # noqa: E501

**Returns** The name of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

**property template** (*self*)

Gets the template of this V1alpha1WorkflowStep. # noqa: E501

Template is the name of the template to execute as the step # noqa: E501

**Returns** The template of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

**property template\_ref** (*self*)

Gets the template\_ref of this V1alpha1WorkflowStep. # noqa: E501

**Returns** The template\_ref of this V1alpha1WorkflowStep. # noqa: E501

**Return type** *V1alpha1TemplateRef*

**property when** (*self*)

Gets the when of this V1alpha1WorkflowStep. # noqa: E501

When is an expression in which the step should conditionally execute # noqa: E501

**Returns** The when of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

**property with\_items** (*self*)

Gets the with\_items of this V1alpha1WorkflowStep. # noqa: E501

WithItems expands a step into multiple parallel steps from the items in the list # noqa: E501

**Returns** The with\_items of this V1alpha1WorkflowStep. # noqa: E501

**Return type** list[str]

**property with\_param** (*self*)

Gets the with\_param of this V1alpha1WorkflowStep. # noqa: E501

WithParam expands a step into multiple parallel steps from the value in the parameter, which is expected to be a JSON list. # noqa: E501

**Returns** The with\_param of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

**property with\_sequence** (*self*)

Gets the with\_sequence of this V1alpha1WorkflowStep. # noqa: E501

**Returns** The with\_sequence of this V1alpha1WorkflowStep. # noqa: E501

**Return type** *V1alpha1Sequence*

**to\_dict** (*self*)

Returns the model properties as a dict



**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1WorkflowTemplate (api_version=None, kind=None,
                                           metadata=None, spec=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowTemplate - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property api\_version** (*self*)

Gets the api\_version of this V1alpha1WorkflowTemplate. # noqa: E501

APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#resources> # noqa: E501

**Returns** The api\_version of this V1alpha1WorkflowTemplate. # noqa: E501

**Return type** str

**property kind** (*self*)

Gets the kind of this V1alpha1WorkflowTemplate. # noqa: E501

Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds> # noqa: E501

**Returns** The kind of this V1alpha1WorkflowTemplate. # noqa: E501

**Return type** str

**property metadata** (*self*)

Gets the metadata of this V1alpha1WorkflowTemplate. # noqa: E501

**Returns** The metadata of this V1alpha1WorkflowTemplate. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1ObjectMeta

**property spec** (*self*)

Gets the spec of this V1alpha1WorkflowTemplate. # noqa: E501

**Returns** The spec of this V1alpha1WorkflowTemplate. # noqa: E501

**Return type** *V1alpha1WorkflowTemplateSpec*

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1WorkflowTemplateList (api_version=None, items=None,
                                                kind=None, metadata=None, local_vars_configuration=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowTemplateList - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property api\_version** (*self*)

Gets the api\_version of this V1alpha1WorkflowTemplateList. # noqa: E501

APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#resources> # noqa: E501

**Returns** The api\_version of this V1alpha1WorkflowTemplateList. # noqa: E501

**Return type** str

**property items** (*self*)

Gets the items of this V1alpha1WorkflowTemplateList. # noqa: E501

**Returns** The items of this V1alpha1WorkflowTemplateList. # noqa: E501

**Return type** list[V1alpha1WorkflowTemplate]

**property kind** (*self*)

Gets the kind of this V1alpha1WorkflowTemplateList. # noqa: E501

Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info: <https://git.k8s.io/community/contributors/devel/api-conventions.md#types-kinds> # noqa: E501

**Returns** The kind of this V1alpha1WorkflowTemplateList. # noqa: E501

**Return type** str

**property metadata** (*self*)

Gets the metadata of this V1alpha1WorkflowTemplateList. # noqa: E501

**Returns** The metadata of this V1alpha1WorkflowTemplateList. # noqa: E501

**Return type** IoK8sApimachineryPkgApisMetaV1ListMeta

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

**class** argo.models.V1alpha1WorkflowTemplateSpec (*arguments=None, templates=None, local\_vars\_configuration=None*)

Bases: object

NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowTemplateSpec - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property arguments** (*self*)

Gets the arguments of this V1alpha1WorkflowTemplateSpec. # noqa: E501

**Returns** The arguments of this V1alpha1WorkflowTemplateSpec. # noqa: E501

**Return type** *V1alpha1Arguments*

**property templates** (*self*)

Gets the templates of this V1alpha1WorkflowTemplateSpec. # noqa: E501

Templates is a list of workflow templates. # noqa: E501

**Returns** The templates of this V1alpha1WorkflowTemplateSpec. # noqa: E501

**Return type** list[*V1alpha1Template*]

**to\_dict** (*self*)

Returns the model properties as a dict

**to\_str** (*self*)

Returns the string representation of the model

## 1.1.2 Submodules

### 1.1.2.1 argo.configuration

Argo

No description provided (generated by Openapi Generator <https://github.com/openapitools/openapi-generator>) # noqa: E501

The version of the OpenAPI document: v2.4.3 Generated by: <https://openapi-generator.tech>

#### 1.1.2.1.1 Module Contents

```
class argo.configuration.Configuration (host='http://localhost', api_key=None,
api_key_prefix=None, username=None, password=None, signing_info=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator

Ref: <https://openapi-generator.tech> Do not edit the class manually.

#### Parameters

- **host** – Base url
- **api\_key** – Dict to store API key(s). Each entry in the dict specifies an API key. The dict key is the name of the security scheme in the OAS specification. The dict value is the API key secret.
- **api\_key\_prefix** – Dict to store API prefix (e.g. Bearer) The dict key is the name of the security scheme in the OAS specification. The dict value is an API key prefix when generating the auth data.
- **username** – Username for HTTP basic authentication
- **password** – Password for HTTP basic authentication
- **signing\_info** – Configuration parameters for HTTP signature. Must be an instance of `argo.signing.HttpSigningConfiguration`

#### Example

Given the following security scheme in the OpenAPI specification:

**components:**

**securitySchemes:**

**cookieAuth:** # name for the security scheme type: apiKey in: cookie name: JSESSIONID #  
cookie name

**You can programmatically set the cookie:**

```
conf = argo.Configuration( api_key={'cookieAuth': 'abc123'} api_key_prefix={'cookieAuth': 'JSESSIONID'})
```

**The following cookie will be added to the HTTP request:** Cookie: JSESSIONID abc123

**Configure API client with HTTP basic authentication:**

```
conf = argo.Configuration( username='the-user', password='the-password', )
```

Configure API client with HTTP signature authentication. Use the 'hs2019' signature scheme, sign the HTTP requests with the RSA-SSA-PSS signature algorithm, and set the expiration time of the signature to 5 minutes after the signature has been created. Note you can use the constants defined in the `argo.signing` module, and you can also specify arbitrary HTTP headers to be included in the HTTP signature, except for the 'Authorization' header, which is used to carry the signature.

One may be tempted to sign all headers by default, but in practice it rarely works. This is because explicit proxies, transparent proxies, TLS termination endpoints or load balancers may add/modify/remove headers. Include the HTTP headers that you know are not going to be modified in transit.

```
conf = argo.Configuration(
    signing_info = argo.signing.HttpSigningConfiguration( key_id = 'my-key-id', private_key_path = 'rsa.pem', signing_scheme = signing.SCHEME_HS2019, signing_algorithm = signing.ALGORITHM_RSASSA_PSS, signed_headers = [signing.HEADER_REQUEST_TARGET,
        signing.HEADER_CREATED, signing.HEADER_EXPIRES, signing.HEADER_HOST, signing.HEADER_DATE, signing.HEADER_DIGEST,
        'Content-Type', 'Content-Length', 'User-Agent'
    ],
    signature_max_validity = datetime.timedelta(minutes=5)
)
```

Constructor

**host**

Default Base url

**temp\_folder\_path**

Temp file folder for downloading files

**refresh\_api\_key\_hook**

function hook to refresh API key if expired

**username**

Username for HTTP basic authentication

**password**  
Password for HTTP basic authentication

**signing\_info**  
The HTTP signing configuration

**logger**  
Logging Settings

**logger\_format = %(asctime)s %(levelname)s %(message)s**  
Log format

**logger\_stream\_handler**  
Log stream handler

**logger\_file\_handler**  
Log file handler

**logger\_file**  
Debug file location

**debug = False**  
Debug switch

**verify\_ssl = True**  
SSL/TLS verification Set this to false to skip verifying SSL certificate when calling API from https server.

**ssl\_ca\_cert**  
Set this to customize the certificate file to verify the peer.

**cert\_file**  
client certificate file

**key\_file**  
client key file

**assert\_hostname**  
Set this to True/False to enable/disable SSL hostname verification.

**connection\_pool\_maxsize**  
urllib3 connection pool's maximum number of connections saved per pool. urllib3 uses 1 connection as default value, but this is not the best value when you are making a lot of possibly parallel requests to the same host, which is often the case here. `cpu_count * 5` is used as default value to increase performance.

**proxy**  
Proxy URL

**proxy\_headers**  
Proxy headers

**safe\_chars\_for\_path\_param =**  
Safe chars for path\_param

**retries**  
Adding retries to override urllib3 default value 3

**property logger\_file (self)**  
The logger file.

If the `logger_file` is `None`, then add stream handler and remove file handler. Otherwise, add file handler and remove stream handler.

**Parameters value** – The `logger_file` path.

**Type** str

**property debug** (*self*)

Debug status

**Parameters value** – The debug status, True or False.

**Type** bool

**property logger\_format** (*self*)

The logger format.

The logger\_formatter will be updated when sets logger\_format.

**Parameters value** – The format string.

**Type** str

**get\_api\_key\_with\_prefix** (*self*, *identifier*)

Gets API key (with prefix if set).

**Parameters identifier** – The identifier of apiKey.

**Returns** The token for api key authentication.

**get\_basic\_auth\_token** (*self*)

Gets HTTP basic authentication header (string).

**Returns** The token for basic HTTP authentication.

**auth\_settings** (*self*)

Gets Auth Settings dict for api client.

**Returns** The Auth Settings information dict.

**to\_debug\_report** (*self*)

Gets the essential information for debugging.

**Returns** The report for debugging.

**get\_host\_settings** (*self*)

Gets an array of host settings

**Returns** An array of host settings

**get\_host\_from\_settings** (*self*, *index*, *variables=None*)

Gets host URL based on the index and variables :param index: array index of the host settings :param variables: hash of variable and the corresponding value :return: URL based on host settings

## ARGO-MODELS

argo-models is a argo namespaced package with the `argo.models` subpackage which contains the generated OpenAPI models from [Argo](#).

Documentations can be found at <https://argo-models.readthedocs.io/en/latest/>

```
pip install argo-models
```

```
from argo.models import V1alpha1ArtifactLocation, V1alpha1S3Artifact
from kubernetes.client.models import V1SecretKeySelector

# create aws cred
access_key_secret = V1SecretKeySelector(name="s3_secret", key="accesskey")
secret_key_secret = V1SecretKeySelector(name="s3_secret", key="secretkey")

# create artifact config for s3
s3_artifact = V1alpha1S3Artifact(
    bucket="foobar",
    endpoint="s3.amazonaws.com"
    insecure=False,
    access_key_secret=access_key_secret,
    secret_key_secret=secret_key_secret,
    key=""
)

# create artifact location
artifact_location = V1alpha1ArtifactLocation(s3=s3_artifact)
```

### 2.1 Developer notes

To generate the latest models, update `version.txt` with the desired argo release (e.g. `2.3.0-rc3`) and then run `./generate-api.sh`.

To release new version to pypi, create a release with the corresponding version tag (e.g. `v2.2.1`). Travis will automatically publish the package.

NOTE:

`version.txt` should hold the current/latest argo version to be generated, as it is also used by `setup.py` as the `argo-models` package version.

Please install [@openapitools/openapi-generator-cli](#) to generate the openapi specs.

## 2.2 License

This package is licensed under [Apache-2.0](#) and is a derivative of the [Argo project](#) using [OpenAPI generator](#).



## INDICES AND TABLES

- `genindex`
- `modindex`
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