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# **argo-models**

***Release 2.7.5***

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**May 11, 2020**



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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

Argo # 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

Argo # noqa: E501

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###### 1.1.1.1.1.2 Module Contents

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

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

---

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

**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

#### 1.1.1.1.3 argo.models.cronv1alpha1\_lint\_cron\_workflow\_request

Argo

Argo # noqa: E501

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##### 1.1.1.1.4 Module Contents

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

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

Argo # noqa: E501

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#### 1.1.1.1.1.6 Module Contents

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

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

Argo # 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*)

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

#### 1.1.1.1.1.9 argo.models.grpc\_gateway\_runtime\_stream\_error

Argo

Argo # noqa: E501

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### 1.1.1.1.1.10 Module Contents

```
class argo.models.grpc_gateway_runtime_stream_error.GrpcGatewayRuntimeStreamError (details=None,
                                                                    grpc_code=None,
                                                                    http_code=None,
                                                                    http_status=None,
                                                                    message=None,
                                                                    sage=None)
```

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

Do not edit the class manually.

GrpcGatewayRuntimeStreamError - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property details** (*self*)

Gets the details of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Returns** The details of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Return type** list[*GoogleProtobufAny*]

**property grpc\_code** (*self*)

Gets the grpc\_code of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Returns** The grpc\_code of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Return type** int

**property http\_code** (*self*)

Gets the http\_code of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Returns** The http\_code of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Return type** int

**property http\_status** (*self*)

Gets the http\_status of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Returns** The http\_status of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Return type** str

**property message** (*self*)

Gets the message of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Returns** The message of this GrpcGatewayRuntimeStreamError. # 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

#### 1.1.1.1.11 `argo.models.v1alpha1_archive_strategy`

Argo

Argo # noqa: E501

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#### 1.1.1.1.12 Module Contents

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

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

**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

#### 1.1.1.1.13 `argo.models.v1alpha1_arguments`

Argo

Argo # noqa: E501

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#### 1.1.1.1.14 Module Contents

```
class argo.models.v1alpha1_arguments.V1alpha1Arguments(artifacts=None,    paramete-  
                                                         ters=None)
```

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

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

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

**property parameters** (*self*)

Gets the parameters of this V1alpha1Arguments. # 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

#### 1.1.1.1.15 argo.models.v1alpha1\_artifact

Argo

Argo # noqa: E501

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#### 1.1.1.1.16 Module Contents

```
class argo.models.v1alpha1_artifact.V1alpha1Artifact (archive=None,          arti-
                                                    fact_location=None,
                                                    _from=None,
                                                    global_name=None,
                                                    mode=None,      name=None,
                                                    optional=None, path=None)
```

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 artifact\_location** (*self*)

Gets the artifact\_location of this V1alpha1Artifact. # noqa: E501

**Returns** The artifact\_location of this V1alpha1Artifact. # noqa: E501

**Return type** *V1alpha1ArtifactLocation*

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

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

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

**Return type** str

**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

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

**Return type** bool

**property path** (*self*)

Gets the path of this V1alpha1Artifact. # noqa: E501

**Returns** The path of this V1alpha1Artifact. # 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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.18 Module Contents

```
class argo.models.v1alpha1_artifact_location.V1alpha1ArtifactLocation (archive_logs=None,
                                                                    arti-
                                                                    fac-
                                                                    tory=None,
                                                                    gcs=None,
                                                                    git=None,
                                                                    hdfs=None,
                                                                    http=None,
                                                                    oss=None,
                                                                    raw=None,
                                                                    s3=None)
```

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

**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 gcs** (*self*)

Gets the gcs of this V1alpha1ArtifactLocation. # noqa: E501

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

**Return type** *V1alpha1GCSArtifact*

**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 oss** (*self*)

Gets the oss of this V1alpha1ArtifactLocation. # noqa: E501

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

**Return type** *V1alpha1OSSArtifact*

**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

#### 1.1.1.1.19 argo.models.v1alpha1\_artifact\_repository\_ref

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.20 Module Contents

**class** argo.models.v1alpha1\_artifact\_repository\_ref.V1alpha1ArtifactRepositoryRef (*config\_map=None*, *key=None*)

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

#### 1.1.1.1.1.21 argo.models.v1alpha1\_artifactifact

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.22 Module Contents

**class** argo.models.v1alpha1\_artifactifact.V1alpha1Artifactifact (*artifact\_auth=None, url=None*)

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

Do not edit the class manually.

V1alpha1Artifactifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property artifact\_auth** (*self*)

Gets the artifact\_auth of this V1alpha1Artifactifact. # noqa: E501

**Returns** The artifact\_auth of this V1alpha1Artifactifact. # noqa: E501

**Return type** *V1alpha1ArtifactAuth*

**property url** (*self*)

Gets the url of this V1alpha1Artifactifact. # noqa: E501

**Returns** The url of this V1alpha1Artifactifact. # 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

#### 1.1.1.1.1.23 argo.models.v1alpha1\_artifact\_auth

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.24 Module Contents

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

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

#### 1.1.1.1.1.25 argo.models.v1alpha1\_backoff

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.26 Module Contents

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

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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.28 Module Contents

**class** argo.models.v1alpha1\_continue\_on.V1alpha1ContinueOn (*error=None*,  
*failed=None*)

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

#### 1.1.1.1.1.29 argo.models.v1alpha1\_counter

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

##### 1.1.1.1.1.30 Module Contents

**class** argo.models.v1alpha1\_counter.V1alpha1Counter (*value=None*)

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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

##### 1.1.1.1.1.32 Module Contents

**class** argo.models.v1alpha1\_cron\_workflow.V1alpha1CronWorkflow (*metadata=None,*  
*spec=None,*  
*status=None*)

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

#### 1.1.1.1.1.33 `argo.models.v1alpha1_cron_workflow_list`

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.34 Module Contents

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

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
```

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

##### 1.1.1.1.1.36 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)
```

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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.38 Module Contents

**class** argo.models.v1alpha1\_cron\_workflow\_status.V1alpha1CronWorkflowStatus (*active=None,*  
*last\_scheduled\_time=None*)

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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.40 Module Contents

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

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

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

**Return type** list[str]

**property name** (*self*)

Gets the name of this V1alpha1DAGTask. # noqa: E501

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

**Return type** str

**property on\_exit** (*self*)

Gets the on\_exit of this V1alpha1DAGTask. # noqa: E501

OnExit is a template reference which is invoked at the end of the template, irrespective of the success, failure, or error of the primary template. # noqa: E501

**Returns** The on\_exit of this V1alpha1DAGTask. # noqa: E501

**Return type** str

**property template** (*self*)

Gets the template of this V1alpha1DAGTask. # 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

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

**Return type** `str`

**property** `with_items` (*self*)

Gets the `with_items` of this `V1alpha1DAGTask`. # noqa: E501

**Returns** The `with_items` of this `V1alpha1DAGTask`. # noqa: E501

**Return type** `list[V1alpha1Item]`

**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

#### 1.1.1.1.1.41 `argo.models.v1alpha1_dag_template`

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.42 Module Contents

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

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

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

**Return type** bool

**property target** (*self*)

Gets the target of this V1alpha1DAGTemplate. # noqa: E501

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

**Return type** str

**property tasks** (*self*)

Gets the tasks of this V1alpha1DAGTemplate. # 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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.44 Module Contents

```
class argo.models.v1alpha1_executor_config.V1alpha1ExecutorConfig (service_account_name=None)
```

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

#### 1.1.1.1.1.45 `argo.models.v1alpha1_gauge`

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.46 Module Contents

**class** `argo.models.v1alpha1_gauge.V1alpha1Gauge` (*realtime=None, value=None*)

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

#### 1.1.1.1.1.47 argo.models.v1alpha1\_gcs\_artifact

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.48 Module Contents

**class** argo.models.v1alpha1\_gcs\_artifact.V1alpha1GCSArtifact (*g\_cs\_bucket=None, key=None*)

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

Do not edit the class manually.

V1alpha1GCSArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** g\_cs\_bucket (*self*)

Gets the g\_cs\_bucket of this V1alpha1GCSArtifact. # noqa: E501

**Returns** The g\_cs\_bucket of this V1alpha1GCSArtifact. # noqa: E501

**Return type** *V1alpha1GCSBucket*

**property** key (*self*)

Gets the key of this V1alpha1GCSArtifact. # noqa: E501

**Returns** The key of this V1alpha1GCSArtifact. # 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\_gcs\_bucket

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.50 Module Contents

```
class argo.models.v1alpha1_gcs_bucket.V1alpha1GCSBucket (bucket=None, service_account_key_secret=None)
```

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

Do not edit the class manually.

V1alpha1GCSBucket - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property bucket** (*self*)

Gets the bucket of this V1alpha1GCSBucket. # noqa: E501

**Returns** The bucket of this V1alpha1GCSBucket. # noqa: E501

**Return type** str

**property service\_account\_key\_secret** (*self*)

Gets the service\_account\_key\_secret of this V1alpha1GCSBucket. # noqa: E501

**Returns** The service\_account\_key\_secret of this V1alpha1GCSBucket. # 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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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, password_secret=None, repo=None, revision=None, ssh_private_key_secret=None, username_secret=None)
```

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

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

**Return type** str

**property fetch** (*self*)

Gets the fetch of this V1alpha1GitArtifact. # 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

**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

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

**Return type** str

**property revision** (*self*)

Gets the revision of this V1alpha1GitArtifact. # 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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.54 Module Contents

```
class argo.models.v1alpha1_hdfs_artifact.V1alpha1HDFSArtifact (force=None,  
                                                             hDFS_config=None,  
                                                             path=None)
```

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 force** (*self*)

Gets the force of this V1alpha1HDFSArtifact. # noqa: E501

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

**Return type** bool

**property hDFS\_config** (*self*)

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

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

**Return type** *V1alpha1HDFSConfig*

**property path** (*self*)

Gets the path of this V1alpha1HDFSArtifact. # 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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.1.56 Module Contents

```
class argo.models.v1alpha1_hdfs_config.V1alpha1HDFSConfig(addresses=None,  
                                                         hdfs_krb_config=None,  
                                                         hdfs_user=None)
```

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

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

**Return type** list[str]

**property hdfs\_krb\_config** (*self*)

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

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

**Return type** *V1alpha1HDFSConfig*

**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

**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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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)
```

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

#### 1.1.1.1.59 argo.models.v1alpha1\_histogram

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.60 Module Contents

**class** argo.models.v1alpha1\_histogram.V1alpha1Histogram (*buckets=None*,  
*value=None*)

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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

##### 1.1.1.1.1.62 Module Contents

**class** `argo.models.v1alpha1_http_artifact.V1alpha1HTTPArtifact` (*url=None*)

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

**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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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*)

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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.66 Module Contents

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

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

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

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

**property parameters** (*self*)

Gets the parameters of this V1alpha1Inputs. # 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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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)
```

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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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)
```

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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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*)

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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.74 Module Contents

**class** argo.models.v1alpha1\_log\_entry.V1alpha1LogEntry (*content=None*,  
*pod\_name=None*)

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

#### 1.1.1.1.1.75 argo.models.v1alpha1\_metadata

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.76 Module Contents

**class** argo.models.v1alpha1\_metadata.V1alpha1Metadata (annotations=None, labels=None)

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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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)

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

**1.1.1.1.179 argo.models.v1alpha1\_metrics**

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

**1.1.1.1.180 Module Contents**

**class** argo.models.v1alpha1\_metrics.V1alpha1Metrics (*prometheus=None*)

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

**1.1.1.1.181 argo.models.v1alpha1\_node\_status**

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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,    re-
                                                           sources_duration=None,
                                                           started_at=None,
                                                           stored_template_id=None,
                                                           template_name=None,
                                                           template_ref=None,
                                                           template_scope=None,
                                                           type=None,      work-
                                                           flow_template_name=None)
```

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

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

**Return type** str

**property children** (*self*)

Gets the children of this V1alpha1NodeStatus. # 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

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

**Return type** bool

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

Gets the display\_name of this V1alpha1NodeStatus. # 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** `kubernetes.client.models.V1Time`

**property id** (*self*)

Gets the id of this V1alpha1NodeStatus. # 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

**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

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

**Return type** str

**property resources\_duration** (*self*)

Gets the resources\_duration of this V1alpha1NodeStatus. # noqa: E501

ResourcesDuration is indicative, but not accurate, resource duration. This is populated when the nodes completes. # noqa: E501

**Returns** The resources\_duration of this V1alpha1NodeStatus. # noqa: E501

**Return type** dict(str, 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** kubernetes.client.models.V1Time

**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

**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

**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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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*)

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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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)
```

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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.188 Module Contents

**class** argo.models.v1alpha1\_outputs.V1alpha1Outputs (*artifacts=None, parameters=None, result=None*)

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

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

**Return type** list[V1alpha1Artifact]

**property parameters** (*self*)

Gets the parameters of this V1alpha1Outputs. # 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

**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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.1.90 Module Contents

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

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

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

**Return type** str

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

Gets the global\_name of this V1alpha1Parameter. # 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

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

**Return type** str

**property value** (*self*)

Gets the value of this V1alpha1Parameter. # 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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.92 Module Contents

**class** argo.models.v1alpha1\_pod\_gc.V1alpha1PodGC (*strategy=None*)

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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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*)

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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.96 Module Contents

**class** argo.models.v1alpha1\_raw\_artifact.V1alpha1RawArtifact (data=None)

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

**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

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

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.98 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)

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

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

**Return type** str

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

Gets the failure\_condition of this V1alpha1ResourceTemplate. # 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

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

**Return type** str

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

Gets the merge\_strategy of this V1alpha1ResourceTemplate. # 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

**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

#### 1.1.1.1.1.99 argo.models.v1alpha1\_retry\_strategy

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.100 Module Contents

```
class argo.models.v1alpha1_retry_strategy.V1alpha1RetryStrategy (backoff=None,
                                                                limit=None,
                                                                retry_policy=None)
```

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 backoff** (*self*)

Gets the backoff of this V1alpha1RetryStrategy. # noqa: E501

**Returns** The backoff of this V1alpha1RetryStrategy. # noqa: E501

**Return type** *V1alpha1Backoff*

**property limit** (*self*)

Gets the limit of this V1alpha1RetryStrategy. # noqa: E501

**Returns** The limit of this V1alpha1RetryStrategy. # noqa: E501

**Return type** int

**property retry\_policy** (*self*)

Gets the retry\_policy of this V1alpha1RetryStrategy. # noqa: E501

**Returns** The retry\_policy of this V1alpha1RetryStrategy. # 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

#### 1.1.1.1.1.101 argo.models.v1alpha1\_s3\_artifact

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.102 Module Contents

```
class argo.models.v1alpha1_s3_artifact.V1alpha1S3Artifact (key=None,  
                                                         s3_bucket=None)
```

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 key** (*self*)

Gets the key of this V1alpha1S3Artifact. # noqa: E501

**Returns** The key of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property s3\_bucket** (*self*)

Gets the s3\_bucket of this V1alpha1S3Artifact. # noqa: E501

**Returns** The s3\_bucket of this V1alpha1S3Artifact. # noqa: E501

**Return type** *V1alpha1S3Bucket*

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

Returns the model properties as a dict

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

Returns the string representation of the model

#### 1.1.1.1.1.103 argo.models.v1alpha1\_s3\_bucket

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.104 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,  
                                                         use_sdk_creds=None)
```

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

**Returns** The bucket of this V1alpha1S3Bucket. # noqa: E501

**Return type** str

**property endpoint** (*self*)

Gets the endpoint of this V1alpha1S3Bucket. # noqa: E501

**Returns** The endpoint of this V1alpha1S3Bucket. # noqa: E501

**Return type** str

**property insecure** (*self*)

Gets the insecure of this V1alpha1S3Bucket. # noqa: E501

**Returns** The insecure of this V1alpha1S3Bucket. # noqa: E501

**Return type** bool

**property region** (*self*)

Gets the region of this V1alpha1S3Bucket. # 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

**property use\_sdk\_creds** (*self*)

Gets the use\_sdk\_creds of this V1alpha1S3Bucket. # noqa: E501

UseSDKCreds tells the driver to figure out credentials based on sdk defaults. # noqa: E501

**Returns** The use\_sdk\_creds of this V1alpha1S3Bucket. # 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

#### 1.1.1.1.105 argo.models.v1alpha1\_script\_template

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.106 Module Contents

**class** argo.models.v1alpha1\_script\_template.V1alpha1ScriptTemplate (*container=None, source=None*)

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 container** (*self*)

Gets the container of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The container of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** kubernetes.client.models.V1Container

**property source** (*self*)

Gets the source of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The source 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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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*)

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

**Returns** The count of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property end** (*self*)

Gets the end of this V1alpha1Sequence. # noqa: E501

**Returns** The end of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property format** (*self*)

Gets the format of this V1alpha1Sequence. # noqa: E501

**Returns** The format of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property start** (*self*)

Gets the start of this V1alpha1Sequence. # 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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.110 Module Contents

**class** `argo.models.v1alpha1_suspend_template.V1alpha1SuspendTemplate` (*duration=None*)

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

**Returns** The duration of this V1alpha1SuspendTemplate. # 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

#### 1.1.1.1.1.111 `argo.models.v1alpha1_template`

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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,    in-
                                                    puts=None, metadata=None,
                                                    metrics=None, name=None,
                                                    node_selector=None,    out-
                                                    puts=None, parallelism=None,
                                                    pod_spec_patch=None,
                                                    priority=None,          prior-
                                                    ity_class_name=None,
                                                    resource=None,          resub-
                                                    mit_pending_pods=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,         tolera-
                                                    tions=None, volumes=None)
```

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** str

#### 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

**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

**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

**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 metrics** (*self*)

Gets the metrics of this V1alpha1Template. # noqa: E501

**Returns** The metrics of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1Metrics*

**property name** (*self*)

Gets the name of this V1alpha1Template. # 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** str

**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 resubmit\_pending\_pods** (*self*)

Gets the resubmit\_pending\_pods of this V1alpha1Template. # noqa: E501

**Returns** The resubmit\_pending\_pods of this V1alpha1Template. # noqa: E501

**Return type** bool

**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

**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

**Returns** The service\_account\_name of this V1alpha1Template. # noqa: E501

**Return type** str

**property sidecars** (*self*)

Gets the sidecars of this V1alpha1Template. # 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

**Returns** The steps of this V1alpha1Template. # noqa: E501

**Return type** list[list]

**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. DEPRECATED: This field is not used. # 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

**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

**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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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)
```

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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 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)
```

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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.118 Module Contents

```
class argo.models.v1alpha1_user_container.V1alpha1UserContainer (container=None,
                                                                mirror_volume_mounts=None)
```

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 container** (*self*)

Gets the container of this V1alpha1UserContainer. # noqa: E501

**Returns** The container of this V1alpha1UserContainer. # noqa: E501

**Return type** kubernetes.client.models.V1Container

**property mirror\_volume\_mounts** (*self*)

Gets the mirror\_volume\_mounts of this V1alpha1UserContainer. # noqa: E501

**Returns** The mirror\_volume\_mounts of this V1alpha1UserContainer. # 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

#### 1.1.1.1.119 argo.models.v1alpha1\_value\_from

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.120 Module Contents

```
class argo.models.v1alpha1_value_from.V1alpha1ValueFrom (default=None,
                                                           jq_filter=None,
                                                           json_path=None, parameter=None, path=None)
```

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 default** (*self*)

Gets the default of this V1alpha1ValueFrom. # noqa: E501

**Returns** The default of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property jq\_filter** (*self*)

Gets the jq\_filter of this V1alpha1ValueFrom. # 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

**Returns** The json\_path of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property parameter** (*self*)

Gets the parameter of this V1alpha1ValueFrom. # noqa: E501

**Returns** The parameter of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property path** (*self*)

Gets the path of this V1alpha1ValueFrom. # 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

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.122 Module Contents

**class** argo.models.v1alpha1\_workflow.V1alpha1Workflow (*metadata=None, spec=None, status=None*)

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 metadata** (*self*)

Gets the metadata of this V1alpha1Workflow. # noqa: E501

**Returns** The metadata of this V1alpha1Workflow. # noqa: E501

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

**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

#### 1.1.1.1.1.123 `argo.models.v1alpha1_workflow_condition`

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.124 Module Contents

```
class argo.models.v1alpha1_workflow_condition.V1alpha1WorkflowCondition (message=None,  
sta-  
tus=None,  
type=None)
```

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

Do not edit the class manually.

V1alpha1WorkflowCondition - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property message** (*self*)

Gets the message of this V1alpha1WorkflowCondition. # noqa: E501

**Returns** The message of this V1alpha1WorkflowCondition. # noqa: E501

**Return type** `str`

**property status** (*self*)

Gets the status of this V1alpha1WorkflowCondition. # noqa: E501

**Returns** The status of this V1alpha1WorkflowCondition. # noqa: E501

**Return type** `str`

**property type** (*self*)

Gets the type of this V1alpha1WorkflowCondition. # noqa: E501

**Returns** The type of this V1alpha1WorkflowCondition. # 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

#### 1.1.1.1.125 argo.models.v1alpha1\_workflow\_create\_request

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.126 Module Contents

```
class argo.models.v1alpha1_workflow_create_request.V1alpha1WorkflowCreateRequest (create_options,
                                         in-
                                         stance_id=None,
                                         names-
                                         pace=None,
                                         server_dry_ru
                                         work-
                                         flow=None)
```

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

#### 1.1.1.1.127 argo.models.v1alpha1\_workflow\_lint\_request

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.128 Module Contents

**class** argo.models.v1alpha1\_workflow\_lint\_request.V1alpha1WorkflowLintRequest (*namespace=None, workflow=None*)

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

**1.1.1.1.129 argo.models.v1alpha1\_workflow\_list**

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

**1.1.1.1.130 Module Contents**

**class** argo.models.v1alpha1\_workflow\_list.V1alpha1WorkflowList (*items=None, metadata=None*)

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 items** (*self*)

Gets the items of this V1alpha1WorkflowList. # noqa: E501

**Returns** The items of this V1alpha1WorkflowList. # noqa: E501

**Return type** list[V1alpha1Workflow]

**property metadata** (*self*)

Gets the metadata of this V1alpha1WorkflowList. # noqa: E501

**Returns** The metadata of this V1alpha1WorkflowList. # 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

**1.1.1.1.131 argo.models.v1alpha1\_workflow\_resubmit\_request**

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.1.132 Module Contents

**class** argo.models.v1alpha1\_workflow\_resubmit\_request.V1alpha1WorkflowResubmitRequest (memoize

name=N

names-

pace=N

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

### 1.1.1.1.1.133 argo.models.v1alpha1\_workflow\_resume\_request

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

### 1.1.1.1.134 Module Contents

**class** argo.models.v1alpha1\_workflow\_resume\_request.V1alpha1WorkflowResumeRequest (*name=None, names-pace=None, node\_field\_se*

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

**property node\_field\_selector** (*self*)

Gets the node\_field\_selector of this V1alpha1WorkflowResumeRequest. # noqa: E501

**Returns** The node\_field\_selector 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

### 1.1.1.1.135 argo.models.v1alpha1\_workflow\_retry\_request

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.136 Module Contents

**class** argo.models.v1alpha1\_workflow\_retry\_request.V1alpha1WorkflowRetryRequest (*name=None, names-pace=None*)

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

#### 1.1.1.1.1.137 argo.models.v1alpha1\_workflow\_spec

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

## 1.1.1.1.138 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,
                                                                metrics=None,
                                                                node_selector=None,
                                                                on_exit=None,
                                                                paral-
                                                                lelism=None,
                                                                pod_disruption_budget=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,
                                                                shutdown=None,
                                                                suspend=None,
                                                                templates=None,
                                                                tolera-
                                                                tions=None,
                                                                ttl_seconds_after_finished=None,
                                                                ttl_strategy=None,
                                                                vol-
                                                                ume_claim_templates=None,
                                                                volumes=None)

```

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

**Returns** The active\_deadline\_seconds of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**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 v1alpha1. # 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

**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

**Returns** The image\_pull\_secrets of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** list[kubernetes.client.models.V1LocalObjectReference]

**property metrics** (*self*)

Gets the metrics of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The metrics of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** *V1alpha1Metrics*

**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 v1alpha1. # 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

**Returns** The parallelism of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property pod\_disruption\_budget** (*self*)

Gets the pod\_disruption\_budget of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The pod\_disruption\_budget of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** kubernetes.client.models.V1PodDisruptionBudgetSpec

**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

**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 shutdown** (*self*)

Gets the shutdown of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The shutdown of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property suspend** (*self*)

Gets the suspend of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The suspend of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** bool

**property templates** (*self*)

Gets the templates of this V1alpha1WorkflowSpec. # 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

**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. DEPRECATED: Use TTLStrategy.SecondsAfterCompletion instead. # noqa: E501

**Returns** The ttl\_seconds\_after\_finished of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** int

**property ttl\_strategy** (*self*)

Gets the ttl\_strategy of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The ttl\_strategy of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** V1alpha1TTLStrategy

**property volume\_claim\_templates** (*self*)

Gets the volume\_claim\_templates of this V1alpha1WorkflowSpec. # 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

**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

#### 1.1.1.1.139 `argo.models.v1alpha1_workflow_status`

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.140 Module Contents

```
class argo.models.v1alpha1_workflow_status.V1alpha1WorkflowStatus (compressed_nodes=None,
                                                                    condi-
                                                                    tions=None,
                                                                    fin-
                                                                    ished_at=None,
                                                                    mes-
                                                                    sage=None,
                                                                    nodes=None,
                                                                    of-
                                                                    fload_node_status_version=None,
                                                                    out-
                                                                    puts=None,
                                                                    persis-
                                                                    tent_volume_claims=None,
                                                                    phase=None,
                                                                    re-
                                                                    sources_duration=None,
                                                                    started_at=None,
                                                                    stored_templates=None)
```

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

**Returns** The compressed\_nodes of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** str

**property conditions** (*self*)

Gets the conditions of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The conditions of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** list[V1alpha1WorkflowCondition]

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

Gets the finished\_at of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The finished\_at of this V1alpha1WorkflowStatus. # noqa: E501

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

**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 offload\_node\_status\_version** (*self*)

Gets the offload\_node\_status\_version of this V1alpha1WorkflowStatus. # noqa: E501

Whether on not node status has been offloaded to a database. If exists, then Nodes and CompressedNodes will be empty. This will actually be populated with a hash of the offloaded data. # noqa: E501

**Returns** The offload\_node\_status\_version of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** str

**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 v1alpha1. 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 resources\_duration** (*self*)

Gets the resources\_duration of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The resources\_duration of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** dict(str, 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** kubernetes.client.models.V1Time

**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

#### 1.1.1.1.1.141 `argo.models.v1alpha1_workflow_step`

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.142 Module Contents

```
class argo.models.v1alpha1_workflow_step.V1alpha1WorkflowStep (arguments=None,
                                                                con-
                                                                tinue_on=None,
                                                                name=None,
                                                                on_exit=None,
                                                                template=None,
                                                                tem-
                                                                plate_ref=None,
                                                                when=None,
                                                                with_items=None,
                                                                with_param=None,
                                                                with_sequence=None)
```

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

**Returns** The name of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

**property on\_exit** (*self*)

Gets the on\_exit of this V1alpha1WorkflowStep. # noqa: E501

OnExit is a template reference which is invoked at the end of the template, irrespective of the success, failure, or error of the primary template. # noqa: E501

**Returns** The on\_exit of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

**property template** (*self*)

Gets the template of this V1alpha1WorkflowStep. # 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

**Returns** The when of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

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

Gets the with\_items of this V1alpha1WorkflowStep. # noqa: E501

**Returns** The with\_items of this V1alpha1WorkflowStep. # noqa: E501

**Return type** list[*V1alpha1Item*]

**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

#### 1.1.1.1.143 argo.models.v1alpha1\_workflow\_stop\_request

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.144 Module Contents

```
class argo.models.v1alpha1_workflow_stop_request.V1alpha1WorkflowStopRequest (message=None,  
name=None,  
names-  
pace=None,  
node_field_selector=None)
```

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 message** (*self*)

Gets the message of this V1alpha1WorkflowStopRequest. # noqa: E501

**Returns** The message of this V1alpha1WorkflowStopRequest. # noqa: E501

**Return type** str

**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

**property node\_field\_selector** (*self*)

Gets the node\_field\_selector of this V1alpha1WorkflowStopRequest. # noqa: E501

**Returns** The node\_field\_selector 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

**1.1.1.1.145 argo.models.v1alpha1\_workflow\_suspend\_request**

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

**1.1.1.1.146 Module Contents**

**class** argo.models.v1alpha1\_workflow\_suspend\_request.V1alpha1WorkflowSuspendRequest *(name=None, namespace=None)*

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

**1.1.1.1.147 argo.models.v1alpha1\_workflow\_template**

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.148 Module Contents

```
class argo.models.v1alpha1_workflow_template.V1alpha1WorkflowTemplate (metadata=None,  
                                                                    spec=None)
```

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 metadata** (*self*)

Gets the metadata of this V1alpha1WorkflowTemplate. # noqa: E501

**Returns** The metadata of this V1alpha1WorkflowTemplate. # noqa: E501

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

**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

#### 1.1.1.1.1.149 argo.models.v1alpha1\_workflow\_template\_create\_request

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.1.150 Module Contents

```
class argo.models.v1alpha1_workflow_template_create_request.V1alpha1WorkflowTemplateCreateRequest
```

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

#### 1.1.1.1.151 `argo.models.v1alpha1_workflow_template_lint_request`

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.152 Module Contents

**class** `argo.models.v1alpha1_workflow_template_lint_request.V1alpha1WorkflowTemplateLintRequest`

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

#### 1.1.1.1.153 argo.models.v1alpha1\_workflow\_template\_list

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.154 Module Contents

**class** argo.models.v1alpha1\_workflow\_template\_list.V1alpha1WorkflowTemplateList (*items=None, meta-data=None*)

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 items** (*self*)

Gets the items of this V1alpha1WorkflowTemplateList. # noqa: E501

**Returns** The items of this V1alpha1WorkflowTemplateList. # noqa: E501

**Return type** list[*V1alpha1WorkflowTemplate*]

**property metadata** (*self*)

Gets the metadata of this V1alpha1WorkflowTemplateList. # noqa: E501

**Returns** The metadata of this V1alpha1WorkflowTemplateList. # 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

**1.1.1.1.155 argo.models.v1alpha1\_workflow\_template\_spec**

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

**1.1.1.1.156 Module Contents**

**class** argo.models.v1alpha1\_workflow\_template\_spec.V1alpha1WorkflowTemplateSpec (*workflow\_spec=*

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 workflow\_spec** (*self*)

Gets the workflow\_spec of this V1alpha1WorkflowTemplateSpec. # noqa: E501

**Returns** The workflow\_spec of this V1alpha1WorkflowTemplateSpec. # 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

**1.1.1.1.157 argo.models.v1alpha1\_workflow\_template\_update\_request**

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

**1.1.1.1.158 Module Contents**

**class** argo.models.v1alpha1\_workflow\_template\_update\_request.V1alpha1WorkflowTemplateUpdateRequest

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

#### 1.1.1.1.159 argo.models.v1alpha1\_workflow\_terminate\_request

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.160 Module Contents

**class** argo.models.v1alpha1\_workflow\_terminate\_request.V1alpha1WorkflowTerminateRequest (*name*  
*name*  
*pace*

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

#### 1.1.1.1.161 `argo.models.v1alpha1_workflow_watch_event`

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.1.1.162 Module Contents

**class** `argo.models.v1alpha1_workflow_watch_event.V1alpha1WorkflowWatchEvent` (*object=None*,  
*type=None*)

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 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.Cronv1alpha1CreateCronWorkflowRequest` (*create\_options=None*,  
*cron\_workflow=None*,  
*namespace=None*)

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

**class** `argo.models.Cronv1alpha1LintCronWorkflowRequest` (*cron\_workflow=None*,  
*namespace=None*)

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

**class** `argo.models.Cronv1alpha1UpdateCronWorkflowRequest` (*cron\_workflow=None*,  
*name=None*, *namespace=None*)

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

**class** `argo.models.GoogleProtobufAny` (*type\_url=None, value=None*)

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

**class** `argo.models.GrpcGatewayRuntimeStreamError` (*details=None, grpc\_code=None, http\_code=None, http\_status=None, message=None*)

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

Do not edit the class manually.

GrpcGatewayRuntimeStreamError - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property details** (*self*)

Gets the details of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Returns** The details of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Return type** list[*GoogleProtobufAny*]

**property grpc\_code** (*self*)

Gets the grpc\_code of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Returns** The grpc\_code of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Return type** int

**property http\_code** (*self*)

Gets the http\_code of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Returns** The http\_code of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Return type** int

**property http\_status** (*self*)

Gets the http\_status of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Returns** The http\_status of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Return type** str

**property message** (*self*)

Gets the message of this GrpcGatewayRuntimeStreamError. # noqa: E501

**Returns** The message of this GrpcGatewayRuntimeStreamError. # 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.V1alpha1ArchiveStrategy (*\_none=None, tar=None*)

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

**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)
```

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

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

**Return type** list[V1alpha1Artifact]

**property parameters** (*self*)

Gets the parameters of this V1alpha1Arguments. # 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, artifact_location=None, _from=None,
                                     global_name=None, mode=None, name=None, optional=None, path=None)
```

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 artifact\_location** (*self*)

Gets the artifact\_location of this V1alpha1Artifact. # noqa: E501

**Returns** The artifact\_location of this V1alpha1Artifact. # noqa: E501

**Return type** V1alpha1ArtifactLocation

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

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

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

**Return type** str

**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

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

**Return type** bool

**property path** (*self*)

Gets the path of this V1alpha1Artifact. # noqa: E501

**Returns** The path of this V1alpha1Artifact. # 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.V1alpha1ArtifactLocation (archive_logs=None,          artifactory=None,
                                           gcs=None, git=None, hdfs=None, http=None,
                                           oss=None, raw=None, s3=None)
```

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

**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 gcs** (*self*)

Gets the gcs of this V1alpha1ArtifactLocation. # noqa: E501

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

**Return type** *V1alpha1GCSArtifact*

**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** `oss` (*self*)

Gets the oss of this V1alpha1ArtifactLocation. # noqa: E501

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

**Return type** *V1alpha1OSSArtifact*

**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*)

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.V1alpha1ArtifactFactoryArtifact` (*artifactory\_auth=None, url=None*)

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

Do not edit the class manually.

V1alpha1ArtifactFactoryArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** `artifactory_auth` (*self*)

Gets the artifactory\_auth of this V1alpha1ArtifactFactoryArtifact. # noqa: E501

**Returns** The artifactory\_auth of this V1alpha1ArtifactFactoryArtifact. # noqa: E501

**Return type** *V1alpha1ArtifactAuth*

**property** `url` (*self*)

Gets the url of this V1alpha1ArtifactFactoryArtifact. # noqa: E501

**Returns** The url of this V1alpha1ArtifactFactoryArtifact. # 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.V1alpha1ArtifactFactoryAuth` (*password\_secret=None, user-  
name\_secret=None*)

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

Do not edit the class manually.

V1alpha1ArtifactFactoryAuth - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property** `password_secret` (*self*)

Gets the password\_secret of this V1alpha1ArtifactFactoryAuth. # noqa: E501

**Returns** The password\_secret of this V1alpha1ArtifactFactoryAuth. # noqa: E501

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

**property** `username_secret` (*self*)

Gets the username\_secret of this V1alpha1ArtifactFactoryAuth. # 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.V1alpha1Backoff (*duration=None, factor=None, max\_duration=None*)

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

**class** argo.models.V1alpha1ContinueOn (*error=None, failed=None*)

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.V1alpha1Counter (*value=None*)

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

**class** argo.models.V1alpha1CronWorkflow (*metadata=None, spec=None, status=None*)

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

**class** argo.models.V1alpha1CronWorkflowList (*items=None, metadata=None*)  
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

**class** argo.models.V1alpha1CronWorkflowSpec (*concurrency\_policy=None, failed\_jobs\_history\_limit=None, schedule=None, starting\_deadline\_seconds=None, successful\_jobs\_history\_limit=None, suspend=None, timezone=None, workflow\_meta=None, workflow\_spec=None*)

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

**class** argo.models.V1alpha1CronWorkflowStatus (*active=None, last\_scheduled\_time=None*)

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

```
class argo.models.V1alpha1DAGTask (arguments=None, continue_on=None, dependencies=None, name=None, on_exit=None, template=None, template_ref=None, when=None, with_items=None, with_param=None, with_sequence=None)
```

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

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

**Return type** list[str]

**property name** (*self*)

Gets the name of this V1alpha1DAGTask. # noqa: E501

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

**Return type** str

**property on\_exit** (*self*)

Gets the on\_exit of this V1alpha1DAGTask. # noqa: E501

OnExit is a template reference which is invoked at the end of the template, irrespective of the success, failure, or error of the primary template. # noqa: E501

**Returns** The on\_exit of this V1alpha1DAGTask. # noqa: E501

**Return type** str

**property template** (*self*)

Gets the template of this V1alpha1DAGTask. # 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

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

**Return type** str

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

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

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

**Return type** list[*V1alpha1Item*]

**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*)

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

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

**Return type** bool

**property target** (*self*)

Gets the target of this V1alpha1DAGTemplate. # noqa: E501

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

**Return type** str

**property tasks** (*self*)

Gets the tasks of this V1alpha1DAGTemplate. # 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*)

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.V1alpha1GCSArtifact (*g\_cs\_bucket=None, key=None*)

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

Do not edit the class manually.

V1alpha1GCSArtifact - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property g\_cs\_bucket** (*self*)

Gets the g\_cs\_bucket of this V1alpha1GCSArtifact. # noqa: E501

**Returns** The g\_cs\_bucket of this V1alpha1GCSArtifact. # noqa: E501

**Return type** V1alpha1GCSBucket

**property key** (*self*)

Gets the key of this V1alpha1GCSArtifact. # noqa: E501

**Returns** The key of this V1alpha1GCSArtifact. # 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.V1alpha1GCSBucket (*bucket=None, service\_account\_key\_secret=None*)

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

Do not edit the class manually.

V1alpha1GCSBucket - a model defined in OpenAPI

**openapi\_types**

**attribute\_map**

**property bucket** (*self*)

Gets the bucket of this V1alpha1GCSBucket. # noqa: E501

**Returns** The bucket of this V1alpha1GCSBucket. # noqa: E501

**Return type** str

**property service\_account\_key\_secret** (*self*)

Gets the service\_account\_key\_secret of this V1alpha1GCSBucket. # noqa: E501

**Returns** The service\_account\_key\_secret of this V1alpha1GCSBucket. # 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.V1alpha1Gauge (*realtime=None, value=None*)

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

```
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, user-
                                     name_secret=None)
```

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

**property fetch** (*self*)  
Gets the fetch of this V1alpha1GitArtifact. # 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  
**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  
**Returns** The repo of this V1alpha1GitArtifact. # noqa: E501  
**Return type** str

**property revision** (*self*)  
Gets the revision of this V1alpha1GitArtifact. # 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` (*force=None, h\_dfs\_config=None, path=None*)

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** `force` (*self*)

Gets the force of this V1alpha1HDFSArtifact. # noqa: E501

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

**Return type** `bool`

**property** `h_dfs_config` (*self*)

Gets the h\_dfs\_config of this V1alpha1HDFSArtifact. # noqa: E501

**Returns** The h\_dfs\_config of this V1alpha1HDFSArtifact. # noqa: E501

**Return type** `V1alpha1HDFSConfig`

**property** `path` (*self*)

Gets the path of this V1alpha1HDFSArtifact. # 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, h\_dfs\_krb\_config=None, hdfs\_user=None*)

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

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

**Return type** list[str]

**property h\_dfs\_krb\_config** (*self*)

Gets the h\_dfs\_krb\_config of this V1alpha1HDFSConfig. # noqa: E501

**Returns** The h\_dfs\_krb\_config of this V1alpha1HDFSConfig. # noqa: E501

**Return type** *V1alpha1HDFSkrbConfig*

**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

**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)
```

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*)

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

**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.V1alpha1Histogram` (*buckets=None, value=None*)

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

**class** argo.models.V1alpha1InfoResponse (*links=None, managed\_namespace=None*)

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

**class** argo.models.V1alpha1Inputs (*artifacts=None, parameters=None*)

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

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

**Return type** list[V1alpha1Artifact]

**property parameters** (*self*)

Gets the parameters of this V1alpha1Inputs. # 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.V1alpha1Item (*bool\_val=None, list\_val=None, map\_val=None, num\_val=None, str\_val=None, type=None*)

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

**class** argo.models.V1alpha1ItemValue (*bool\_val=None, list\_val=None, map\_val=None, num\_val=None, str\_val=None, type=None*)

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

**class** argo.models.V1alpha1Link (*name=None, scope=None, url=None*)

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

**class** argo.models.V1alpha1LogEntry (*content=None, pod\_name=None*)

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

---

```

class argo.models.V1alpha1Metadata (annotations=None, labels=None)
    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.V1alpha1MetricLabel (key=None, value=None)
    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

class argo.models.V1alpha1Metrics (prometheus=None)
    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

```
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, out-  
                                         bound_nodes=None, outputs=None, phase=None,  
                                         pod_ip=None, resources_duration=None,  
                                         started_at=None, stored_template_id=None,  
                                         template_name=None, template_ref=None,  
                                         template_scope=None, type=None, work-  
                                         flow_template_name=None)
```

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

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

**Return type** str

**property children** (*self*)

Gets the children of this V1alpha1NodeStatus. # 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

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

**Return type** bool

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

Gets the display\_name of this V1alpha1NodeStatus. # 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** `kubernetes.client.models.V1Time`

**property id** (*self*)

Gets the id of this V1alpha1NodeStatus. # 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

**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

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

**Return type** str

**property resources\_duration** (*self*)

Gets the resources\_duration of this V1alpha1NodeStatus. # noqa: E501

ResourcesDuration is indicative, but not accurate, resource duration. This is populated when the nodes completes. # noqa: E501

**Returns** The resources\_duration of this V1alpha1NodeStatus. # noqa: E501

**Return type** dict(str, 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** kubernetes.client.models.V1Time

**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

**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

**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.V1alpha1OSSArtifact (key=None, o_ss_bucket=None)
    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

class argo.models.V1alpha1OSSBucket (access_key_secret=None, bucket=None, endpoint=None,
                                     secret_key_secret=None)
    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

**class** argo.models.V1alpha1Outputs (*artifacts=None, parameters=None, result=None*)

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

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

**Return type** list[V1alpha1Artifact]

**property parameters** (*self*)

Gets the parameters of this V1alpha1Outputs. # 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

**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*)

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

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

**Return type** str

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

Gets the global\_name of this V1alpha1Parameter. # 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

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

**Return type** str

**property value** (*self*)

Gets the value of this V1alpha1Parameter. # 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*)

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.V1alpha1Prometheus (*counter=None, gauge=None, help=None, histogram=None, labels=None, name=None, when=None*)

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

**class** argo.models.V1alpha1RawArtifact (*data=None*)

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

**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*)

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

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

**Return type** str

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

Gets the failure\_condition of this V1alpha1ResourceTemplate. # 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

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

**Return type** str

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

Gets the merge\_strategy of this V1alpha1ResourceTemplate. # 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

**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` (*backoff=None, limit=None, retry\_policy=None*)

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** `backoff` (*self*)

Gets the `backoff` of this `V1alpha1RetryStrategy`. # noqa: E501

**Returns** The `backoff` of this `V1alpha1RetryStrategy`. # noqa: E501

**Return type** `V1alpha1Backoff`

**property** `limit` (*self*)

Gets the `limit` of this `V1alpha1RetryStrategy`. # noqa: E501

**Returns** The `limit` of this `V1alpha1RetryStrategy`. # noqa: E501

**Return type** `int`

**property** `retry_policy` (*self*)

Gets the `retry_policy` of this `V1alpha1RetryStrategy`. # noqa: E501

**Returns** The `retry_policy` of this `V1alpha1RetryStrategy`. # 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.V1alpha1S3Artifact` (*key=None, s3\_bucket=None*)

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 key** (*self*)

Gets the key of this V1alpha1S3Artifact. # noqa: E501

**Returns** The key of this V1alpha1S3Artifact. # noqa: E501

**Return type** str

**property s3\_bucket** (*self*)

Gets the s3\_bucket of this V1alpha1S3Artifact. # noqa: E501

**Returns** The s3\_bucket of this V1alpha1S3Artifact. # noqa: E501

**Return type** *V1alpha1S3Bucket*

**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, use\_sdk\_creds=None*)

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

**Returns** The bucket of this V1alpha1S3Bucket. # noqa: E501

**Return type** str

**property endpoint** (*self*)

Gets the endpoint of this V1alpha1S3Bucket. # noqa: E501

**Returns** The endpoint of this V1alpha1S3Bucket. # noqa: E501

**Return type** str

**property insecure** (*self*)

Gets the insecure of this V1alpha1S3Bucket. # noqa: E501

**Returns** The insecure of this V1alpha1S3Bucket. # noqa: E501

**Return type** bool

**property region** (*self*)

Gets the region of this V1alpha1S3Bucket. # 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`

**property** `use_sdk_creds` (*self*)

Gets the use\_sdk\_creds of this V1alpha1S3Bucket. # noqa: E501

UseSDKCreds tells the driver to figure out credentials based on sdk defaults. # noqa: E501

**Returns** The use\_sdk\_creds of this V1alpha1S3Bucket. # 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.V1alpha1ScriptTemplate` (*container=None, source=None*)

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** `container` (*self*)

Gets the container of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The container of this V1alpha1ScriptTemplate. # noqa: E501

**Return type** `kubernetes.client.models.V1Container`

**property** `source` (*self*)

Gets the source of this V1alpha1ScriptTemplate. # noqa: E501

**Returns** The source 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)
```

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

**Returns** The count of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property end** (*self*)

Gets the end of this V1alpha1Sequence. # noqa: E501

**Returns** The end of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property format** (*self*)

Gets the format of this V1alpha1Sequence. # noqa: E501

**Returns** The format of this V1alpha1Sequence. # noqa: E501

**Return type** str

**property start** (*self*)

Gets the start of this V1alpha1Sequence. # 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)
```

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

**Returns** The duration of this V1alpha1SuspendTemplate. # 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.V1alpha1TTLStrategy(seconds_after_completion=None,  
                                     seconds_after_failure=None,          sec-  
                                     onds_after_success=None)
```

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

```
class argo.models.V1alpha1Template(active_deadline_seconds=None,          affinity=None,  
                                  archive_location=None,          arguments=None,          au-  
                                  tomount_service_account_token=None,          con-  
                                  tainer=None,          daemon=None,          dag=None,          execu-  
                                  tor=None,          host_aliases=None,          init_containers=None,  
                                  inputs=None,          metadata=None,          metrics=None,  
                                  name=None,          node_selector=None,          outputs=None,          par-  
                                  allelism=None,          pod_spec_patch=None,          priority=None,  
                                  priority_class_name=None,          resource=None,          resub-  
                                  mit_pending_pods=None,          retry_strategy=None,          sched-  
                                  uler_name=None,          script=None,          security_context=None,  
                                  service_account_name=None,          sidecars=None,  
                                  steps=None,          suspend=None,          template=None,          tem-  
                                  plate_ref=None,          tolerations=None,          volumes=None)
```

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** str

**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

**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

**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

**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 metrics** (*self*)

Gets the metrics of this V1alpha1Template. # noqa: E501

**Returns** The metrics of this V1alpha1Template. # noqa: E501

**Return type** *V1alpha1Metrics*

**property name** (*self*)

Gets the name of this V1alpha1Template. # 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** str

**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 resubmit\_pending\_pods** (*self*)

Gets the resubmit\_pending\_pods of this V1alpha1Template. # noqa: E501

**Returns** The resubmit\_pending\_pods of this V1alpha1Template. # noqa: E501

**Return type** bool

**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

**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

**Returns** The service\_account\_name of this V1alpha1Template. # noqa: E501

**Return type** `str`

**property sidecars** (*self*)

Gets the sidecars of this V1alpha1Template. # 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

**Returns** The steps of this V1alpha1Template. # noqa: E501

**Return type** `list[list]`

**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. DEPRECATED: This field is not used. # 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

**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

**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*)

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 (*container=None, mirror\_volume\_mounts=None*)

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 container** (*self*)

Gets the container of this V1alpha1UserContainer. # noqa: E501

**Returns** The container of this V1alpha1UserContainer. # noqa: E501

**Return type** kubernetes.client.models.V1Container

**property mirror\_volume\_mounts** (*self*)

Gets the mirror\_volume\_mounts of this V1alpha1UserContainer. # noqa: E501

**Returns** The mirror\_volume\_mounts of this V1alpha1UserContainer. # 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.V1alpha1ValueFrom (*default=None, jq\_filter=None, json\_path=None, parameter=None, path=None*)

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 default** (*self*)

Gets the default of this V1alpha1ValueFrom. # noqa: E501

**Returns** The default of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property jq\_filter** (*self*)

Gets the jq\_filter of this V1alpha1ValueFrom. # 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

**Returns** The json\_path of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property parameter** (*self*)

Gets the parameter of this V1alpha1ValueFrom. # noqa: E501

**Returns** The parameter of this V1alpha1ValueFrom. # noqa: E501

**Return type** str

**property path** (*self*)

Gets the path of this V1alpha1ValueFrom. # 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 (metadata=None, spec=None, status=None)
    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 metadata (self)
        Gets the metadata of this V1alpha1Workflow. # noqa: E501

        Returns The metadata of this V1alpha1Workflow. # noqa: E501

        Return type kubernetes.client.models.V1ObjectMeta

    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.V1alpha1WorkflowCondition (message=None, status=None, type=None)
    NOTE: This class is auto generated by OpenAPI Generator. Ref: https://openapi-generator.tech

    Do not edit the class manually.

    V1alpha1WorkflowCondition - a model defined in OpenAPI

    openapi_types
    attribute_map

    property message (self)
        Gets the message of this V1alpha1WorkflowCondition. # noqa: E501

        Returns The message of this V1alpha1WorkflowCondition. # noqa: E501

        Return type str

    property status (self)
        Gets the status of this V1alpha1WorkflowCondition. # noqa: E501

        Returns The status of this V1alpha1WorkflowCondition. # noqa: E501

        Return type str

    property type (self)
        Gets the type of this V1alpha1WorkflowCondition. # noqa: E501

        Returns The type of this V1alpha1WorkflowCondition. # 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.V1alpha1WorkflowCreateRequest (create_options=None, instance_id=None, namespace=None, server_dry_run=None, workflow=None)
```

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

```
class argo.models.V1alpha1WorkflowLintRequest (namespace=None, workflow=None)
```

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

**class** argo.models.V1alpha1WorkflowList (*items=None, metadata=None*)

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 items** (*self*)

Gets the items of this V1alpha1WorkflowList. # noqa: E501

**Returns** The items of this V1alpha1WorkflowList. # noqa: E501

**Return type** list[*V1alpha1Workflow*]

**property metadata** (*self*)

Gets the metadata of this V1alpha1WorkflowList. # noqa: E501

**Returns** The metadata of this V1alpha1WorkflowList. # 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

**class** argo.models.V1alpha1WorkflowResubmitRequest (*memoized=None, name=None, namespace=None*)

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

**class** `argo.models.V1alpha1WorkflowResumeRequest` (*name=None, namespace=None, node\_field\_selector=None*)

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

**property** `node_field_selector(self)`

Gets the node\_field\_selector of this V1alpha1WorkflowResumeRequest. # noqa: E501

**Returns** The node\_field\_selector 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

**class** argo.models.V1alpha1WorkflowRetryRequest (*name=None, namespace=None*)

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

**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, metrics=None, node\_selector=None, on\_exit=None, parallelism=None, pod\_disruption\_budget=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, shutdown=None, suspend=None, templates=None, tolerations=None, ttl\_seconds\_after\_finished=None, ttl\_strategy=None, volume\_claim\_templates=None, volumes=None*)

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

**Returns** The active\_deadline\_seconds of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**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 v1alpha1. # 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

**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

**Returns** The image\_pull\_secrets of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** list[kubernetes.client.models.V1LocalObjectReference]

**property metrics** (*self*)

Gets the metrics of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The metrics of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** *V1alpha1Metrics*

**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 v1alpha1. # 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

**Returns** The parallelism of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property pod\_disruption\_budget** (*self*)

Gets the pod\_disruption\_budget of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The pod\_disruption\_budget of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** kubernetes.client.models.V1PodDisruptionBudgetSpec

**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

**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 shutdown** (*self*)

Gets the shutdown of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The shutdown of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** str

**property suspend** (*self*)

Gets the suspend of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The suspend of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** bool

**property templates** (*self*)

Gets the templates of this V1alpha1WorkflowSpec. # 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

**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. DEPRECATED: Use TTLStrategy.SecondsAfterCompletion instead. # noqa: E501

**Returns** The ttl\_seconds\_after\_finished of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** int

**property ttl\_strategy** (*self*)

Gets the ttl\_strategy of this V1alpha1WorkflowSpec. # noqa: E501

**Returns** The ttl\_strategy of this V1alpha1WorkflowSpec. # noqa: E501

**Return type** V1alpha1TTLStrategy

**property volume\_claim\_templates** (*self*)

Gets the volume\_claim\_templates of this V1alpha1WorkflowSpec. # 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

**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, conditions=None,  
finished_at=None, message=None, nodes=None,  
offload_node_status_version=None, out-  
puts=None, persistent_volume_claims=None,  
phase=None, resources_duration=None,  
started_at=None, stored_templates=None)
```

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

**Returns** The compressed\_nodes of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** str

**property conditions** (*self*)

Gets the conditions of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The conditions of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** list[V1alpha1WorkflowCondition]

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

Gets the finished\_at of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The finished\_at of this V1alpha1WorkflowStatus. # noqa: E501

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

**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 offload\_node\_status\_version** (*self*)

Gets the offload\_node\_status\_version of this V1alpha1WorkflowStatus. # noqa: E501

Whether on not node status has been offloaded to a database. If exists, then Nodes and CompressedNodes will be empty. This will actually be populated with a hash of the offloaded data. # noqa: E501

**Returns** The offload\_node\_status\_version of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** str

**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 v1alpha1. 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 resources\_duration** (*self*)

Gets the resources\_duration of this V1alpha1WorkflowStatus. # noqa: E501

**Returns** The resources\_duration of this V1alpha1WorkflowStatus. # noqa: E501

**Return type** dict(str, 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** kubernetes.client.models.V1Time

**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,
                                         on_exit=None, template=None, template_ref=None,
                                         when=None, with_items=None, with_param=None,
                                         with_sequence=None)
```

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

**Returns** The name of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

**property on\_exit** (*self*)

Gets the on\_exit of this V1alpha1WorkflowStep. # noqa: E501

OnExit is a template reference which is invoked at the end of the template, irrespective of the success, failure, or error of the primary template. # noqa: E501

**Returns** The on\_exit of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

**property template** (*self*)

Gets the template of this V1alpha1WorkflowStep. # 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

**Returns** The when of this V1alpha1WorkflowStep. # noqa: E501

**Return type** str

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

Gets the with\_items of this V1alpha1WorkflowStep. # noqa: E501

**Returns** The with\_items of this V1alpha1WorkflowStep. # noqa: E501

**Return type** list[*V1alpha1Item*]

**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.V1alpha1WorkflowStopRequest (*message=None, name=None, namespace=None, node\_field\_selector=None*)

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 message** (*self*)

Gets the message of this V1alpha1WorkflowStopRequest. # noqa: E501

**Returns** The message of this V1alpha1WorkflowStopRequest. # noqa: E501

**Return type** str

**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

**property node\_field\_selector** (*self*)

Gets the node\_field\_selector of this V1alpha1WorkflowStopRequest. # noqa: E501

**Returns** The node\_field\_selector 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

**class** argo.models.V1alpha1WorkflowSuspendRequest (*name=None, namespace=None*)

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

**class** argo.models.V1alpha1WorkflowTemplate (*metadata=None, spec=None*)

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 metadata** (*self*)

Gets the metadata of this V1alpha1WorkflowTemplate. # noqa: E501

**Returns** The metadata of this V1alpha1WorkflowTemplate. # noqa: E501

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

**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.V1alpha1WorkflowTemplateCreateRequest (*create\_options=None, namespace=None, template=None*)

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

**class** `argo.models.V1alpha1WorkflowTemplateLintRequest` (*create\_options=None, namespace=None, template=None*)

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

**class** `argo.models.V1alpha1WorkflowTemplateList` (*items=None, metadata=None*)

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 items (self)
    Gets the items of this V1alpha1WorkflowTemplateList. # noqa: E501
    Returns The items of this V1alpha1WorkflowTemplateList. # noqa: E501
    Return type list[V1alpha1WorkflowTemplate]
property metadata (self)
    Gets the metadata of this V1alpha1WorkflowTemplateList. # noqa: E501
    Returns The metadata of this V1alpha1WorkflowTemplateList. # 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
class argo.models.V1alpha1WorkflowTemplateSpec (workflow_spec=None)
    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 workflow_spec (self)
        Gets the workflow_spec of this V1alpha1WorkflowTemplateSpec. # noqa: E501
        Returns The workflow_spec of this V1alpha1WorkflowTemplateSpec. # 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
class argo.models.V1alpha1WorkflowTemplateUpdateRequest (name=None, names-pace=None, tem-plate=None)
    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

**class** argo.models.V1alpha1WorkflowTerminateRequest (*name=None, namespace=None*)  
 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

**class** argo.models.V1alpha1WorkflowWatchEvent (*object=None, type=None*)  
 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 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

## 1.1.2 Submodules

### 1.1.2.1 argo.configuration

Argo

Argo # noqa: E501

The version of the OpenAPI document: v2.7.5 Generated by: <https://openapi-generator.tech>

#### 1.1.2.1.1 Module Contents

**class** `argo.configuration.TypeWithDefault` (*cls, name, bases, dct*)

Create and return a new object. See help(type) for accurate signature.

**set\_default** (*cls, default*)

**class** `argo.configuration.Configuration` (*host='http://localhost:2746', api\_key={},  
api\_key\_prefix={}, username="", password=""*)

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)
- **api\_key\_prefix** – Dict to store API prefix (e.g. Bearer)
- **username** – Username for HTTP basic authentication
- **password** – Password for HTTP basic authentication

Constructor

**host**

Default Base url

**temp\_folder\_path**

Temp file folder for downloading files

**api\_key**

dict to store API key(s)

**api\_key\_prefix**

dict to store API prefix (e.g. Bearer)

**refresh\_api\_key\_hook**

function hook to refresh API key if expired

**username**

Username for HTTP basic authentication

**password**  
Password for HTTP basic authentication

**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={}*)

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

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- `modindex`
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