
argo-models

Release 2.6.3.post0

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Mar 20, 2020

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API REFERENCE

This page contains auto-generated API reference documentation¹.

1.1 argo

argo namespaced package

1.1.1 Subpackages

1.1.1.1 `argo.models`

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1 Submodules

1.1.1.1.1.1 `argo.models.cronv1alpha1_create_cron_workflow_request`

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.2 Module Contents

class `argo.models.cronv1alpha1_create_cron_workflow_request.Cronv1alpha1CreateCronWorkflowRequest`

Bases: `object`

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

¹ Created with [sphinx-autoapi](#)

Do not edit the class manually.

Cronv1alpha1CreateCronWorkflowRequest - a model defined in OpenAPI

openapi_types

attribute_map

property create_options (*self*)

Gets the create_options of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

Returns The create_options of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

Return type `kubernetes.client.models.V1CreateOptions`

property cron_workflow (*self*)

Gets the cron_workflow of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

Returns The cron_workflow of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

Return type *V1alpha1CronWorkflow*

property namespace (*self*)

Gets the namespace of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

Returns The namespace of this Cronv1alpha1CreateCronWorkflowRequest. # noqa: E501

Return type `str`

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.3 argo.models.cronv1alpha1_lint_cron_workflow_request

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.4 Module Contents

class `argo.models.cronv1alpha1_lint_cron_workflow_request.Cronv1alpha1LintCronWorkflowRequest`

Bases: `object`

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

Do not edit the class manually.

Cronv1alpha1LintCronWorkflowRequest - a model defined in OpenAPI

openapi_types

attribute_map

property `cron_workflow` (*self*)

Gets the cron_workflow of this Cronv1alpha1LintCronWorkflowRequest. # noqa: E501

Returns The cron_workflow of this Cronv1alpha1LintCronWorkflowRequest. # noqa: E501

Return type *V1alpha1CronWorkflow*

property `namespace` (*self*)

Gets the namespace of this Cronv1alpha1LintCronWorkflowRequest. # noqa: E501

Returns The namespace of this Cronv1alpha1LintCronWorkflowRequest. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.5 argo.models.cronv1alpha1_update_cron_workflow_request

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.6 Module Contents

class argo.models.cronv1alpha1_update_cron_workflow_request.**Cronv1alpha1UpdateCronWorkflowRequest**

Bases: object

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

Do not edit the class manually.

Cronv1alpha1UpdateCronWorkflowRequest - a model defined in OpenAPI

openapi_types

attribute_map

property `cron_workflow` (*self*)

Gets the cron_workflow of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

Returns The cron_workflow of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

Return type *V1alpha1CronWorkflow*

property `name` (*self*)

Gets the name of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

Returns The name of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

Return type str

property namespace (*self*)

Gets the namespace of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

Returns The namespace of this Cronv1alpha1UpdateCronWorkflowRequest. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.7 argo.models.google_protobuf_any

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.8 Module Contents

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

Bases: object

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

Do not edit the class manually.

GoogleProtobufAny - a model defined in OpenAPI

openapi_types

attribute_map

property type_url (*self*)

Gets the type_url of this GoogleProtobufAny. # noqa: E501

Returns The type_url of this GoogleProtobufAny. # noqa: E501

Return type str

property value (*self*)

Gets the value of this GoogleProtobufAny. # noqa: E501

Returns The value of this GoogleProtobufAny. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

to_dict (*self*)
Returns the model properties as a dict

to_str (*self*)
Returns the string representation of the model

1.1.1.1.11 argo.models.k8s_io_api_policy_v1beta1_pod_disruption_budget_spec

Argo

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

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

1.1.1.1.12 Module Contents

class argo.models.k8s_io_api_policy_v1beta1_pod_disruption_budget_spec.**K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec**

Bases: object

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

Do not edit the class manually.

K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec - a model defined in OpenAPI

openapi_types

attribute_map

property max_unavailable (*self*)

Gets the max_unavailable of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

Returns The max_unavailable of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

Return type kubernetes.client.models.V1IntOrString

property min_available (*self*)

Gets the min_available of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

Returns The min_available of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

Return type kubernetes.client.models.V1IntOrString

property selector (*self*)

Gets the selector of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

Returns The selector of this K8sIoApiPolicyV1beta1PodDisruptionBudgetSpec. # noqa: E501

Return type kubernetes.client.models.V1LabelSelector

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)
Returns the string representation of the model

1.1.1.1.13 argo.models.v1alpha1_archive_strategy

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.14 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1ArchiveStrategy - a model defined in OpenAPI

openapi_types

attribute_map

property tar (*self*)
Gets the tar of this V1alpha1ArchiveStrategy. # noqa: E501
Returns The tar of this V1alpha1ArchiveStrategy. # noqa: E501
Return type object

to_dict (*self*)
Returns the model properties as a dict

to_str (*self*)
Returns the string representation of the model

1.1.1.1.15 argo.models.v1alpha1_arguments

Argo

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

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1.1.1.1.1.16 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1Arguments - a model defined in OpenAPI

openapi_types

attribute_map

property artifacts (*self*)

Gets the artifacts of this V1alpha1Arguments. # noqa: E501

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

1.1.1.1.1.17 argo.models.v1alpha1_artifact

Argo

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

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1.1.1.1.1.18 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1Artifact - a model defined in OpenAPI

openapi_types

attribute_map

property archive (*self*)

Gets the archive of this V1alpha1Artifact. # noqa: E501

Returns The archive of this V1alpha1Artifact. # noqa: E501

Return type *V1alpha1ArchiveStrategy*

property 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

1.1.1.1.19 argo.models.v1alpha1_artifact_location

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.20 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1ArtifactLocation - a model defined in OpenAPI

openapi_types

attribute_map

property archive_logs (*self*)

Gets the archive_logs of this V1alpha1ArtifactLocation. # noqa: E501

Returns The archive_logs of this V1alpha1ArtifactLocation. # noqa: E501

Return type bool

property artifactory (*self*)

Gets the artifactory of this V1alpha1ArtifactLocation. # noqa: E501

Returns The artifactory of this V1alpha1ArtifactLocation. # noqa: E501

Return type *V1alpha1ArtifactoryArtifact*

property git (*self*)

Gets the git of this V1alpha1ArtifactLocation. # noqa: E501

Returns The git of this V1alpha1ArtifactLocation. # noqa: E501

Return type *V1alpha1GitArtifact*

property hdfs (*self*)

Gets the hdfs of this V1alpha1ArtifactLocation. # noqa: E501

Returns The hdfs of this V1alpha1ArtifactLocation. # noqa: E501

Return type *V1alpha1HDFSArtifact*

property http (*self*)

Gets the http of this V1alpha1ArtifactLocation. # noqa: E501

Returns The http of this V1alpha1ArtifactLocation. # noqa: E501

Return type *V1alpha1HTTPArtifact*

property raw (*self*)

Gets the raw of this V1alpha1ArtifactLocation. # noqa: E501

Returns The raw of this V1alpha1ArtifactLocation. # noqa: E501

Return type *V1alpha1RawArtifact*

property s3 (*self*)

Gets the s3 of this V1alpha1ArtifactLocation. # noqa: E501

Returns The s3 of this V1alpha1ArtifactLocation. # noqa: E501

Return type *V1alpha1S3Artifact*

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.21 argo.models.v1alpha1_artifact_repository_ref

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.22 Module Contents

```
class argo.models.v1alpha1_artifact_repository_ref.V1alpha1ArtifactRepositoryRef (config_map=None, key=None, lo-cal_vars_conf=None)
```

Bases: object

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

Do not edit the class manually.

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

1.1.1.1.1.23 `argo.models.v1alpha1_artifactory_artifact`

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.24 Module Contents

class `argo.models.v1alpha1_artifactory_artifact.V1alpha1ArtifactoryArtifact` (*artifactory_auth=None*,
url=None,
lo-
cal_vars_configuration=None)

Bases: `object`

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

Do not edit the class manually.

V1alpha1ArtifactoryArtifact - a model defined in OpenAPI

openapi_types

attribute_map

property `artifactory_auth` (*self*)

Gets the artifactory_auth of this V1alpha1ArtifactoryArtifact. # noqa: E501

Returns The artifactory_auth of this V1alpha1ArtifactoryArtifact. # noqa: E501

Return type `V1alpha1ArtifactoryAuth`

property `url` (*self*)

Gets the url of this V1alpha1ArtifactoryArtifact. # noqa: E501

Returns The url of this V1alpha1ArtifactoryArtifact. # 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

1.1.1.1.1.25 argo.models.v1alpha1_artifactory_auth

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.26 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1ArtifactoryAuth - a model defined in OpenAPI

openapi_types

attribute_map

property password_secret (*self*)

Gets the password_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

Returns The password_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

Return type kubernetes.client.models.V1SecretKeySelector

property username_secret (*self*)

Gets the username_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

Returns The username_secret of this V1alpha1ArtifactoryAuth. # noqa: E501

Return type kubernetes.client.models.V1SecretKeySelector

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.27 argo.models.v1alpha1_backoff

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.28 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1Backoff - a model defined in OpenAPI

openapi_types

attribute_map

property duration (*self*)

Gets the duration of this V1alpha1Backoff. # noqa: E501

Returns The duration of this V1alpha1Backoff. # noqa: E501

Return type str

property factor (*self*)

Gets the factor of this V1alpha1Backoff. # noqa: E501

Returns The factor of this V1alpha1Backoff. # noqa: E501

Return type int

property max_duration (*self*)

Gets the max_duration of this V1alpha1Backoff. # noqa: E501

Returns The max_duration of this V1alpha1Backoff. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.29 argo.models.v1alpha1_condition

Argo

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

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

1.1.1.1.1.30 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1Condition - a model defined in OpenAPI

openapi_types

attribute_map

property status (*self*)

Gets the status of this V1alpha1Condition. # noqa: E501

Returns The status of this V1alpha1Condition. # noqa: E501

Return type str

property type (*self*)

Gets the type of this V1alpha1Condition. # noqa: E501

Returns The type of this V1alpha1Condition. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.31 argo.models.v1alpha1_continue_on

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.32 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1ContinueOn - a model defined in OpenAPI

openapi_types

attribute_map

```
property error (self)
    Gets the error of this V1alpha1ContinueOn. # noqa: E501

    Returns The error of this V1alpha1ContinueOn. # noqa: E501

    Return type bool

property failed (self)
    Gets the failed of this V1alpha1ContinueOn. # noqa: E501

    Returns The failed of this V1alpha1ContinueOn. # noqa: E501

    Return type bool

to_dict (self)
    Returns the model properties as a dict

to_str (self)
    Returns the string representation of the model
```

1.1.1.1.1.33 argo.models.v1alpha1_counter

Argo

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

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

1.1.1.1.1.34 Module Contents

```
class argo.models.v1alpha1_counter.V1alpha1Counter (value=None, lo-
                                                    cal_vars_configuration=None)

    Bases: object

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

    Do not edit the class manually.

    V1alpha1Counter - a model defined in OpenAPI

    openapi_types

    attribute_map

    property value (self)
        Gets the value of this V1alpha1Counter. # noqa: E501

        Returns The value of this V1alpha1Counter. # noqa: E501

        Return type str

    to_dict (self)
        Returns the model properties as a dict

    to_str (self)
        Returns the string representation of the model
```

1.1.1.1.1.35 argo.models.v1alpha1_cron_workflow

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.36 Module Contents

```
class argo.models.v1alpha1_cron_workflow.V1alpha1CronWorkflow(metadata=None,
                                                             spec=None,
                                                             status=None, local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1CronWorkflow - a model defined in OpenAPI

openapi_types

attribute_map

property metadata (*self*)

Gets the metadata of this V1alpha1CronWorkflow. # noqa: E501

Returns The metadata of this V1alpha1CronWorkflow. # noqa: E501

Return type `kubernetes.client.models.V1ObjectMeta`

property spec (*self*)

Gets the spec of this V1alpha1CronWorkflow. # noqa: E501

Returns The spec of this V1alpha1CronWorkflow. # noqa: E501

Return type `V1alpha1CronWorkflowSpec`

property status (*self*)

Gets the status of this V1alpha1CronWorkflow. # noqa: E501

Returns The status of this V1alpha1CronWorkflow. # noqa: E501

Return type `V1alpha1CronWorkflowStatus`

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.37 argo.models.v1alpha1_cron_workflow_list

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.38 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1CronWorkflowList - a model defined in OpenAPI

openapi_types

attribute_map

property items (*self*)

Gets the items of this V1alpha1CronWorkflowList. # noqa: E501

Returns The items of this V1alpha1CronWorkflowList. # noqa: E501

Return type list[V1alpha1CronWorkflow]

property metadata (*self*)

Gets the metadata of this V1alpha1CronWorkflowList. # noqa: E501

Returns The metadata of this V1alpha1CronWorkflowList. # noqa: E501

Return type kubernetes.client.models.V1ListMeta

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.39 argo.models.v1alpha1_cron_workflow_spec

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.40 Module Contents

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

Bases: object

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

Do not edit the class manually.

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_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

1.1.1.1.1.41 argo.models.v1alpha1_cron_workflow_status

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.42 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1CronWorkflowStatus - a model defined in OpenAPI

openapi_types

attribute_map

property active (*self*)

Gets the active of this V1alpha1CronWorkflowStatus. # noqa: E501

Returns The active of this V1alpha1CronWorkflowStatus. # noqa: E501

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

property last_scheduled_time (*self*)

Gets the last_scheduled_time of this V1alpha1CronWorkflowStatus. # noqa: E501

Returns The last_scheduled_time of this V1alpha1CronWorkflowStatus. # noqa: E501

Return type kubernetes.client.models.V1Time

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.43 argo.models.v1alpha1_dag_task

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.44 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1DAGTask - a model defined in OpenAPI

openapi_types

attribute_map

property arguments (*self*)

Gets the arguments of this V1alpha1DAGTask. # noqa: E501

Returns The arguments of this V1alpha1DAGTask. # noqa: E501

Return type *V1alpha1Arguments*

property continue_on (*self*)

Gets the continue_on of this V1alpha1DAGTask. # noqa: E501

Returns The continue_on of this V1alpha1DAGTask. # noqa: E501

Return type *V1alpha1ContinueOn*

property dependencies (*self*)

Gets the dependencies of this V1alpha1DAGTask. # noqa: E501

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

1.1.1.1.1.45 argo.models.v1alpha1_dag_template

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.46 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1DAGTemplate - a model defined in OpenAPI

openapi_types

attribute_map

property fail_fast (*self*)

Gets the fail_fast of this V1alpha1DAGTemplate. # noqa: E501

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

1.1.1.1.1.47 argo.models.v1alpha1_executor_config

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.48 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1ExecutorConfig - a model defined in OpenAPI

openapi_types

attribute_map

property service_account_name (*self*)

Gets the service_account_name of this V1alpha1ExecutorConfig. # noqa: E501

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

Returns The service_account_name of this V1alpha1ExecutorConfig. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.49 argo.models.v1alpha1_gauge

Argo

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

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

1.1.1.1.1.50 Module Contents

```
class argo.models.v1alpha1_gauge.V1alpha1Gauge(realtime=None,      value=None,      lo-  
                                                cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1Gauge - a model defined in OpenAPI

openapi_types

attribute_map

property realtime (*self*)

Gets the realtime of this V1alpha1Gauge. # noqa: E501

Returns The realtime of this V1alpha1Gauge. # noqa: E501

Return type bool

property value (*self*)

Gets the value of this V1alpha1Gauge. # noqa: E501

Returns The value of this V1alpha1Gauge. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.51 argo.models.v1alpha1_git_artifact

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.52 Module Contents

```
class argo.models.v1alpha1_git_artifact.V1alpha1GitArtifact (depth=None,
                                                         fetch=None,   inse-
                                                         cure_ignore_host_key=None,
                                                         pass-
                                                         word_secret=None,
                                                         repo=None,    re-
                                                         vision=None,
                                                         ssh_private_key_secret=None,
                                                         user-
                                                         name_secret=None,
                                                         lo-
                                                         cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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

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

The version of the OpenAPI document: v2.6.3 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,  lo-
                                                                cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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

1.1.1.1.155 argo.models.v1alpha1_hdfs_config

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.156 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1HDFSConfig - a model defined in OpenAPI

openapi_types

attribute_map

property addresses (*self*)

Gets the addresses of this V1alpha1HDFSConfig. # noqa: E501

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

1.1.1.1.57 argo.models.v1alpha1_hdfs_krb_config

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

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,
                                                                local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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

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

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

1.1.1.1.60 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1Histogram - a model defined in OpenAPI

openapi_types

attribute_map

property `buckets` (*self*)

Gets the buckets of this V1alpha1Histogram. # noqa: E501

Returns The buckets of this V1alpha1Histogram. # noqa: E501

Return type list[float]

property `value` (*self*)

Gets the value of this V1alpha1Histogram. # noqa: E501

Returns The value of this V1alpha1Histogram. # noqa: E501

Return type str

to_dict (*self*)
Returns the model properties as a dict

to_str (*self*)
Returns the string representation of the model

1.1.1.1.1.61 argo.models.v1alpha1_http_artifact

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.62 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1HTTPArtifact - a model defined in OpenAPI

openapi_types

attribute_map

property url (*self*)
Gets the url of this V1alpha1HTTPArtifact. # noqa: E501
Returns The url of this V1alpha1HTTPArtifact. # noqa: E501
Return type str

to_dict (*self*)
Returns the model properties as a dict

to_str (*self*)
Returns the string representation of the model

1.1.1.1.1.63 argo.models.v1alpha1_info_response

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.64 Module Contents

```
class argo.models.v1alpha1_info_response.V1alpha1InfoResponse(managed_namespace=None,  
                                                             lo-  
                                                             cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1InfoResponse - a model defined in OpenAPI

openapi_types

attribute_map

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

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.66 Module Contents

```
class argo.models.v1alpha1_inputs.V1alpha1Inputs(artifacts=None, parameters=None,  
                                                  local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1Inputs - a model defined in OpenAPI

openapi_types

attribute_map

property artifacts (*self*)

Gets the artifacts of this V1alpha1Inputs. # noqa: E501

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

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.68 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1Item - a model defined in OpenAPI

openapi_types

attribute_map

property bool_val (*self*)

Gets the bool_val of this V1alpha1Item. # noqa: E501

Returns The bool_val of this V1alpha1Item. # noqa: E501

Return type bool

property list_val (*self*)

Gets the list_val of this V1alpha1Item. # noqa: E501

Returns The list_val of this V1alpha1Item. # noqa: E501

Return type list[V1alpha1ItemValue]

property map_val (*self*)

Gets the map_val of this V1alpha1Item. # noqa: E501

Returns The map_val of this V1alpha1Item. # noqa: E501

Return type dict(str, V1alpha1ItemValue)

property num_val (*self*)

Gets the num_val of this V1alpha1Item. # noqa: E501

Returns The num_val of this V1alpha1Item. # noqa: E501

Return type str

property `str_val` (*self*)

Gets the `str_val` of this `V1alpha1Item`. # noqa: E501

Returns The `str_val` of this `V1alpha1Item`. # noqa: E501

Return type `str`

property `type` (*self*)

Gets the type of this `V1alpha1Item`. # noqa: E501

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

Return type `str`

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.69 `argo.models.v1alpha1_item_value`

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.70 Module Contents

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

Bases: `object`

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

Do not edit the class manually.

`V1alpha1ItemValue` - a model defined in OpenAPI

openapi_types

attribute_map

property `bool_val` (*self*)

Gets the `bool_val` of this `V1alpha1ItemValue`. # noqa: E501

Returns The `bool_val` of this `V1alpha1ItemValue`. # noqa: E501

Return type `bool`

property `list_val` (*self*)

Gets the `list_val` of this `V1alpha1ItemValue`. # noqa: E501

Returns The `list_val` of this `V1alpha1ItemValue`. # noqa: E501

Return type `list[str]`

property map_val (*self*)

Gets the map_val of this V1alpha1ItemValue. # noqa: E501

Returns The map_val of this V1alpha1ItemValue. # noqa: E501

Return type dict(str, str)

property num_val (*self*)

Gets the num_val of this V1alpha1ItemValue. # noqa: E501

Returns The num_val of this V1alpha1ItemValue. # noqa: E501

Return type str

property str_val (*self*)

Gets the str_val of this V1alpha1ItemValue. # noqa: E501

Returns The str_val of this V1alpha1ItemValue. # noqa: E501

Return type str

property type (*self*)

Gets the type of this V1alpha1ItemValue. # noqa: E501

Returns The type of this V1alpha1ItemValue. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.71 argo.models.v1alpha1_link

Argo

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

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

1.1.1.1.1.72 Module Contents

class argo.models.v1alpha1_link.V1alpha1Link (*name=None, scope=None, url=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1Link - a model defined in OpenAPI

openapi_types

attribute_map

property name (*self*)

Gets the name of this V1alpha1Link. # noqa: E501

Returns The name of this V1alpha1Link. # noqa: E501

Return type str

property scope (*self*)

Gets the scope of this V1alpha1Link. # noqa: E501

Returns The scope of this V1alpha1Link. # noqa: E501

Return type str

property url (*self*)

Gets the url of this V1alpha1Link. # noqa: E501

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

Returns The url of this V1alpha1Link. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.73 argo.models.v1alpha1_log_entry

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.74 Module Contents

class argo.models.v1alpha1_log_entry.V1alpha1LogEntry (*content=None*, *local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.75 argo.models.v1alpha1_metadata

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.76 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1Metadata - a model defined in OpenAPI

openapi_types

attribute_map

property annotations (*self*)

Gets the annotations of this V1alpha1Metadata. # noqa: E501

Returns The annotations of this V1alpha1Metadata. # noqa: E501

Return type dict(str, str)

property labels (*self*)

Gets the labels of this V1alpha1Metadata. # noqa: E501

Returns The labels of this V1alpha1Metadata. # noqa: E501

Return type dict(str, str)

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.77 argo.models.v1alpha1_metric_label

Argo

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

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

1.1.1.1.1.78 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1MetricLabel - a model defined in OpenAPI

openapi_types

attribute_map

property key (*self*)

Gets the key of this V1alpha1MetricLabel. # noqa: E501

Returns The key of this V1alpha1MetricLabel. # noqa: E501

Return type str

property value (*self*)

Gets the value of this V1alpha1MetricLabel. # noqa: E501

Returns The value of this V1alpha1MetricLabel. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.79 argo.models.v1alpha1_metrics

Argo

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

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

1.1.1.1.1.80 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1Metrics - a model defined in OpenAPI

openapi_types

attribute_map

property prometheus (*self*)

Gets the prometheus of this V1alpha1Metrics. # noqa: E501

Returns The prometheus of this V1alpha1Metrics. # noqa: E501

Return type list[V1alpha1Prometheus]

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.81 argo.models.v1alpha1_node_status

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.82 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1NodeStatus - a model defined in OpenAPI

openapi_types

attribute_map

property boundary_id (*self*)

Gets the boundary_id of this V1alpha1NodeStatus. # noqa: E501

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 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

1.1.1.1.1.83 argo.models.v1alpha1_oss_artifact

Argo

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

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

1.1.1.1.1.84 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1OSSArtifact - a model defined in OpenAPI

openapi_types

attribute_map

property key (*self*)

Gets the key of this V1alpha1OSSArtifact. # noqa: E501

Returns The key of this V1alpha1OSSArtifact. # noqa: E501

Return type str

property `o_ss_bucket` (*self*)

Gets the o_ss_bucket of this V1alpha1OSSArtifact. # noqa: E501

Returns The o_ss_bucket of this V1alpha1OSSArtifact. # noqa: E501

Return type *V1alpha1OSSBucket*

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.85 argo.models.v1alpha1_oss_bucket

Argo

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

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

1.1.1.1.1.86 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1OSSBucket - a model defined in OpenAPI

openapi_types

attribute_map

property `access_key_secret` (*self*)

Gets the access_key_secret of this V1alpha1OSSBucket. # noqa: E501

Returns The access_key_secret of this V1alpha1OSSBucket. # noqa: E501

Return type `kubernetes.client.models.V1SecretKeySelector`

property `bucket` (*self*)

Gets the bucket of this V1alpha1OSSBucket. # noqa: E501

Returns The bucket of this V1alpha1OSSBucket. # noqa: E501

Return type `str`

property `endpoint` (*self*)

Gets the endpoint of this V1alpha1OSSBucket. # noqa: E501

Returns The endpoint of this V1alpha1OSSBucket. # noqa: E501

Return type `str`

property `secret_key_secret` (*self*)

Gets the secret_key_secret of this V1alpha1OSSBucket. # noqa: E501

Returns The secret_key_secret of this V1alpha1OSSBucket. # noqa: E501

Return type `kubernetes.client.models.V1SecretKeySelector`

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.87 `argo.models.v1alpha1_outputs`

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.88 Module Contents

```
class argo.models.v1alpha1_outputs.V1alpha1Outputs (artifacts=None, parameters=None, result=None, local_vars_configuration=None)
```

Bases: `object`

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

Do not edit the class manually.

V1alpha1Outputs - a model defined in OpenAPI

openapi_types

attribute_map

property artifacts (*self*)

Gets the artifacts of this V1alpha1Outputs. # noqa: E501

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

1.1.1.1.89 argo.models.v1alpha1_parallel_steps

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.90 Module Contents

```
class argo.models.v1alpha1_parallel_steps.V1alpha1ParallelSteps (steps=None,
                                                                    lo-
                                                                    cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1ParallelSteps - a model defined in OpenAPI

openapi_types

attribute_map

property steps (*self*)

Gets the steps of this V1alpha1ParallelSteps. # noqa: E501

Returns The steps of this V1alpha1ParallelSteps. # noqa: E501

Return type list[V1alpha1WorkflowStep]

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.91 argo.models.v1alpha1_parameter

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.92 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1Parameter - a model defined in OpenAPI

openapi_types

attribute_map

property default (*self*)

Gets the default of this V1alpha1Parameter. # noqa: E501

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

1.1.1.1.93 argo.models.v1alpha1_pod_gc

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.94 Module Contents

class argo.models.v1alpha1_pod_gc.V1alpha1PodGC (*strategy=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1PodGC - a model defined in OpenAPI

openapi_types

attribute_map

property strategy (*self*)

Gets the strategy of this V1alpha1PodGC. # noqa: E501

Returns The strategy of this V1alpha1PodGC. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.95 argo.models.v1alpha1_prometheus

Argo

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

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

1.1.1.1.1.96 Module Contents

class argo.models.v1alpha1_prometheus.V1alpha1Prometheus (*counter=None, gauge=None, help=None, histogram=None, labels=None, name=None, when=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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

1.1.1.1.97 argo.models.v1alpha1_raw_artifact

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.98 Module Contents

class argo.models.v1alpha1_raw_artifact.V1alpha1RawArtifact (data=None, loc_vars_configuration=None)

Bases: object

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

Do not edit the class manually.

V1alpha1RawArtifact - a model defined in OpenAPI

openapi_types

attribute_map

property data (self)

Gets the data of this V1alpha1RawArtifact. # noqa: E501

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

1.1.1.1.99 argo.models.v1alpha1_resource_template

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.100 Module Contents

class argo.models.v1alpha1_resource_template.V1alpha1ResourceTemplate (action=None, failure_condition=None, manifest=None, merge_strategy=None, set_owner_reference=None, success_condition=None, loc_vars_configuration=None)

Bases: object

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

Do not edit the class manually.

V1alpha1ResourceTemplate - a model defined in OpenAPI

openapi_types

attribute_map

property action (*self*)

Gets the action of this V1alpha1ResourceTemplate. # noqa: E501

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

1.1.1.1.101 argo.models.v1alpha1_retry_strategy

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.102 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1RetryStrategy - a model defined in OpenAPI

openapi_types

attribute_map

property 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

1.1.1.1.1.103 argo.models.v1alpha1_s3_artifact

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.104 Module Contents

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

Bases: object

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

Do not edit the class manually.

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

1.1.1.1.1.105 argo.models.v1alpha1_s3_bucket

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.106 Module Contents

```
class argo.models.v1alpha1_s3_bucket.V1alpha1S3Bucket (access_key_secret=None,  
                                                         bucket=None,          end-  
                                                         point=None,           inse-  
                                                         cure=None,           region=None,  
                                                         role_arn=None,        se-  
                                                         cret_key_secret=None, lo-  
                                                         cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1S3Bucket - a model defined in OpenAPI

openapi_types

attribute_map

property access_key_secret (*self*)

Gets the access_key_secret of this V1alpha1S3Bucket. # noqa: E501

Returns The access_key_secret of this V1alpha1S3Bucket. # noqa: E501

Return type kubernetes.client.models.V1SecretKeySelector

property bucket (*self*)

Gets the bucket of this V1alpha1S3Bucket. # noqa: E501

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

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_script_template

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.108 Module Contents

```
class argo.models.v1alpha1_script_template.V1alpha1ScriptTemplate (container=None,  
                                                                    source=None,  
                                                                    lo-  
                                                                    cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1ScriptTemplate - a model defined in OpenAPI

openapi_types

attribute_map

property 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

1.1.1.1.109 argo.models.v1alpha1_sequence

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.110 Module Contents

class argo.models.v1alpha1_sequence.V1alpha1Sequence (*count=None, end=None, format=None, start=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1Sequence - a model defined in OpenAPI

openapi_types

attribute_map

property count (*self*)

Gets the count of this V1alpha1Sequence. # noqa: E501

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

1.1.1.1.111 argo.models.v1alpha1_suspend_template

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.112 Module Contents

```
class argo.models.v1alpha1_suspend_template.V1alpha1SuspendTemplate(duration=None,  
                                                                    lo-  
                                                                    cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1SuspendTemplate - a model defined in OpenAPI

openapi_types

attribute_map

property duration (*self*)

Gets the duration of this V1alpha1SuspendTemplate. # noqa: E501

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

1.1.1.1.113 argo.models.v1alpha1_template

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.114 Module Contents

```
class argo.models.v1alpha1_template.V1alpha1Template (active_deadline_seconds=None,
                                                    affinity=None,
                                                    archive_location=None, auto-
mount_service_account_token=None,
                                                    container=None,           dae-
mon=None, dag=None, execu-
tor=None, host_aliases=None,
                                                    init_containers=None,
                                                    inputs=None,           meta-
data=None,           name=None,
                                                    node_selector=None,   out-
puts=None, parallelism=None,
                                                    pod_spec_patch=None,
                                                    priority=None,       prior-
ity_class_name=None,
                                                    resource=None,
                                                    retry_strategy=None,
                                                    scheduler_name=None,
                                                    script=None,         secu-
rity_context=None,     ser-
vice_account_name=None,
                                                    sidecars=None,       steps=None,
                                                    suspend=None,         tem-
plate=None,           tem-
plate_ref=None,       tol-
erations=None,        vol-
umes=None,           lo-
cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1Template - a model defined in OpenAPI

openapi_types

attribute_map

property active_deadline_seconds (*self*)

Gets the active_deadline_seconds of this V1alpha1Template. # noqa: E501

Optional duration in seconds relative to the StartTime that the pod may be active on a node before the system actively tries to terminate the pod; value must be positive integer This field is only applicable to container and script templates. # noqa: E501

Returns The active_deadline_seconds of this V1alpha1Template. # noqa: E501

Return type 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 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 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 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[*V1alpha1ParallelSteps*]

property suspend (*self*)

Gets the suspend of this V1alpha1Template. # noqa: E501

Returns The suspend of this V1alpha1Template. # noqa: E501

Return type *V1alpha1SuspendTemplate*

property template (*self*)

Gets the template of this V1alpha1Template. # noqa: E501

Template is the name of the template which is used as the base of this template. # noqa: E501

Returns The template of this V1alpha1Template. # noqa: E501

Return type str

property template_ref (*self*)

Gets the template_ref of this V1alpha1Template. # noqa: E501

Returns The template_ref of this V1alpha1Template. # noqa: E501

Return type *V1alpha1TemplateRef*

property tolerations (*self*)

Gets the tolerations of this V1alpha1Template. # noqa: E501

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

1.1.1.1.115 argo.models.v1alpha1_template_ref

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.116 Module Contents

```
class argo.models.v1alpha1_template_ref.V1alpha1TemplateRef (name=None,    run-
                                time_resolution=None,
                                template=None, lo-
                                cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1TemplateRef - a model defined in OpenAPI

openapi_types

attribute_map

property name (*self*)

Gets the name of this V1alpha1TemplateRef. # noqa: E501

Name is the resource name of the template. # noqa: E501

Returns The name of this V1alpha1TemplateRef. # noqa: E501

Return type str

property runtime_resolution (*self*)

Gets the runtime_resolution of this V1alpha1TemplateRef. # noqa: E501

RuntimeResolution skips validation at creation time. By enabling this option, you can create the referred workflow template before the actual runtime. # noqa: E501

Returns The runtime_resolution of this V1alpha1TemplateRef. # noqa: E501

Return type bool

property template (*self*)

Gets the template of this V1alpha1TemplateRef. # noqa: E501

Template is the name of referred template in the resource. # noqa: E501

Returns The template of this V1alpha1TemplateRef. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.117 argo.models.v1alpha1_ttl_strategy

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.118 Module Contents

```
class argo.models.v1alpha1_ttl_strategy.V1alpha1TTLStrategy (seconds_after_completion=None,  
                                                             sec-  
                                                             onds_after_failure=None,  
                                                             sec-  
                                                             onds_after_success=None,  
                                                             lo-  
                                                             cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1TTLStrategy - a model defined in OpenAPI

openapi_types

attribute_map

property seconds_after_completion (*self*)

Gets the seconds_after_completion of this V1alpha1TTLStrategy. # noqa: E501

Returns The seconds_after_completion of this V1alpha1TTLStrategy. # noqa: E501

Return type int

property seconds_after_failure (*self*)

Gets the seconds_after_failure of this V1alpha1TTLStrategy. # noqa: E501

Returns The seconds_after_failure of this V1alpha1TTLStrategy. # noqa: E501

Return type int

property seconds_after_success (*self*)

Gets the seconds_after_success of this V1alpha1TTLStrategy. # noqa: E501

Returns The seconds_after_success of this V1alpha1TTLStrategy. # noqa: E501

Return type int

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.119 argo.models.v1alpha1_user_container

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.120 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1UserContainer - a model defined in OpenAPI

openapi_types

attribute_map

property 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

1.1.1.1.121 `argo.models.v1alpha1_value_from`

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.122 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1ValueFrom - a model defined in OpenAPI

openapi_types

attribute_map

property jq_filter (*self*)

Gets the jq_filter of this V1alpha1ValueFrom. # noqa: E501

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

1.1.1.1.123 argo.models.v1alpha1_workflow

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.124 Module Contents

class argo.models.v1alpha1_workflow.V1alpha1Workflow (*metadata=None, spec=None, status=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1Workflow - a model defined in OpenAPI

openapi_types

attribute_map

property 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

1.1.1.1.125 argo.models.v1alpha1_workflow_create_request

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.126 Module Contents

class argo.models.v1alpha1_workflow_create_request.V1alpha1WorkflowCreateRequest (*create_option*, *in-*

stance_id=None, *names-*
pace=None, *server_dry_ru-*
work-
flow=None, *lo-*
cal_vars_conf)

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowCreateRequest - a model defined in OpenAPI

openapi_types

attribute_map

property create_options (*self*)

Gets the create_options of this V1alpha1WorkflowCreateRequest. # noqa: E501

Returns The create_options of this V1alpha1WorkflowCreateRequest. # noqa: E501

Return type kubernetes.client.models.V1CreateOptions

property instance_id (*self*)

Gets the instance_id of this V1alpha1WorkflowCreateRequest. # noqa: E501

Returns The instance_id of this V1alpha1WorkflowCreateRequest. # noqa: E501

Return type str

property namespace (*self*)

Gets the namespace of this V1alpha1WorkflowCreateRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowCreateRequest. # noqa: E501

Return type str

property server_dry_run (*self*)

Gets the server_dry_run of this V1alpha1WorkflowCreateRequest. # noqa: E501

Returns The server_dry_run of this V1alpha1WorkflowCreateRequest. # noqa: E501

Return type bool

property workflow (*self*)

Gets the workflow of this V1alpha1WorkflowCreateRequest. # noqa: E501

Returns The workflow of this V1alpha1WorkflowCreateRequest. # noqa: E501

Return type *V1alpha1Workflow*

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.127 `argo.models.v1alpha1_workflow_lint_request`

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.128 Module Contents

```
class argo.models.v1alpha1_workflow_lint_request.V1alpha1WorkflowLintRequest (namespace=None,
                                                                              work-
                                                                              flow=None,
                                                                              lo-
                                                                              cal_vars_configurat
```

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowLintRequest - a model defined in OpenAPI

openapi_types

attribute_map

property namespace (*self*)

Gets the namespace of this V1alpha1WorkflowLintRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowLintRequest. # noqa: E501

Return type str

property workflow (*self*)

Gets the workflow of this V1alpha1WorkflowLintRequest. # noqa: E501

Returns The workflow of this V1alpha1WorkflowLintRequest. # noqa: E501

Return type *V1alpha1Workflow*

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.129 `argo.models.v1alpha1_workflow_list`

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.130 Module Contents

```
class argo.models.v1alpha1_workflow_list.V1alpha1WorkflowList (items=None,  
meta-  
data=None,  lo-  
cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.132 Module Contents

class argo.models.v1alpha1_workflow_resubmit_request.V1alpha1WorkflowResubmitRequest (memoized)

name=N
names-
pace=N
lo-
cal_var:

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowResubmitRequest - a model defined in OpenAPI

openapi_types

attribute_map

property memoized (self)

Gets the memoized of this V1alpha1WorkflowResubmitRequest. # noqa: E501

Returns The memoized of this V1alpha1WorkflowResubmitRequest. # noqa: E501

Return type bool

property name (self)

Gets the name of this V1alpha1WorkflowResubmitRequest. # noqa: E501

Returns The name of this V1alpha1WorkflowResubmitRequest. # noqa: E501

Return type str

property namespace (self)

Gets the namespace of this V1alpha1WorkflowResubmitRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowResubmitRequest. # noqa: E501

Return type str

to_dict (self)

Returns the model properties as a dict

to_str (self)

Returns the string representation of the model

1.1.1.1.133 argo.models.v1alpha1_workflow_resume_request

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.134 Module Contents

class argo.models.v1alpha1_workflow_resume_request.V1alpha1WorkflowResumeRequest (*name=None,*

names-
pace=None,
lo-
cal_vars_conf

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowResumeRequest - a model defined in OpenAPI

openapi_types

attribute_map

property name (*self*)

Gets the name of this V1alpha1WorkflowResumeRequest. # noqa: E501

Returns The name of this V1alpha1WorkflowResumeRequest. # noqa: E501

Return type str

property namespace (*self*)

Gets the namespace of this V1alpha1WorkflowResumeRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowResumeRequest. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.135 argo.models.v1alpha1_workflow_retry_request

Argo

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

The version of the OpenAPI document: v2.6.3 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,
lo-
cal_vars_configu

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowRetryRequest - a model defined in OpenAPI

openapi_types

attribute_map

property name (*self*)

Gets the name of this V1alpha1WorkflowRetryRequest. # noqa: E501

Returns The name of this V1alpha1WorkflowRetryRequest. # noqa: E501

Return type str

property namespace (*self*)

Gets the namespace of this V1alpha1WorkflowRetryRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowRetryRequest. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.137 `argo.models.v1alpha1_workflow_spec`

Argo

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

The version of the OpenAPI document: v2.6.3 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,
                                                                node_selector=None,
                                                                on_exit=None,
                                                                paral-
                                                                lelism=None,
                                                                pod_gc=None,
                                                                pod_priority=None,
                                                                pod_priority_class_name=None,
                                                                pod_spec_patch=None,
                                                                priority=None,
                                                                sched-
                                                                uler_name=None,
                                                                secu-
                                                                rity_context=None,
                                                                ser-
                                                                vice_account_name=None,
                                                                suspend=None,
                                                                templates=None,
                                                                tolera-
                                                                tions=None,
                                                                ttl_seconds_after_finished=None,
                                                                ttl_strategy=None,
                                                                vol-
                                                                ume_claim_templates=None,
                                                                vol-
                                                                umes=None,  lo-
                                                                cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowSpec - a model defined in OpenAPI

openapi_types

attribute_map

property active_deadline_seconds (*self*)

Gets the active_deadline_seconds of this V1alpha1WorkflowSpec. # noqa: E501

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

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 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_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 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

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.140 Module Contents

```
class argo.models.v1alpha1_workflow_status.V1alpha1WorkflowStatus (compressed_nodes=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,
                                                                    started_at=None,
                                                                    stored_templates=None,
                                                                    lo-
                                                                    cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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 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 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

1.1.1.1.141 argo.models.v1alpha1_workflow_step

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

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,
                                                                lo-
                                                                cal_vars_configuration=None)

```

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowStep - a model defined in OpenAPI

openapi_types

attribute_map

property arguments (*self*)

Gets the arguments of this V1alpha1WorkflowStep. # noqa: E501

Returns The arguments of this V1alpha1WorkflowStep. # noqa: E501

Return type *V1alpha1Arguments*

property continue_on (*self*)

Gets the continue_on of this V1alpha1WorkflowStep. # noqa: E501

Returns The continue_on of this V1alpha1WorkflowStep. # noqa: E501

Return type *V1alpha1ContinueOn*

property name (*self*)

Gets the name of this V1alpha1WorkflowStep. # noqa: E501

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

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

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

1.1.1.1.144 Module Contents

```
class argo.models.v1alpha1_workflow_stop_request.V1alpha1WorkflowStopRequest (name=None,  
names-  
pace=None,  
lo-  
cal_vars_configurat
```

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowStopRequest - a model defined in OpenAPI

openapi_types

attribute_map

property name (*self*)

Gets the name of this V1alpha1WorkflowStopRequest. # noqa: E501

Returns The name of this V1alpha1WorkflowStopRequest. # noqa: E501

Return type str

property namespace (*self*)

Gets the namespace of this V1alpha1WorkflowStopRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowStopRequest. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.145 argo.models.v1alpha1_workflow_suspend_request

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.146 Module Contents

class argo.models.v1alpha1_workflow_suspend_request.V1alpha1WorkflowSuspendRequest (*name=None*,
names-
pace=None,
lo-
cal_vars_c

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowSuspendRequest - a model defined in OpenAPI

openapi_types

attribute_map

property name (*self*)

Gets the name of this V1alpha1WorkflowSuspendRequest. # noqa: E501

Returns The name of this V1alpha1WorkflowSuspendRequest. # noqa: E501

Return type str

property namespace (*self*)

Gets the namespace of this V1alpha1WorkflowSuspendRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowSuspendRequest. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.147 argo.models.v1alpha1_workflow_template

Argo

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

The version of the OpenAPI document: v2.6.3 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,
lo-
cal_vars_configuration=None

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowTemplate - a model defined in OpenAPI

openapi_types**attribute_map****property 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

1.1.1.1.149 `argo.models.v1alpha1_workflow_template_create_request`

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.150 Module Contents

class `argo.models.v1alpha1_workflow_template_create_request.V1alpha1WorkflowTemplateCreateRequest`Bases: `object`NOTE: This class is auto generated by OpenAPI Generator. Ref: <https://openapi-generator.tech>

Do not edit the class manually.

V1alpha1WorkflowTemplateCreateRequest - a model defined in OpenAPI

openapi_types**attribute_map****property create_options** (*self*)

Gets the create_options of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501

Returns The create_options of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501**Return type** `kubernetes.client.models.V1CreateOptions`**property namespace** (*self*)

Gets the namespace of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501

Return type str

property template (*self*)

Gets the template of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501

Returns The template of this V1alpha1WorkflowTemplateCreateRequest. # noqa: E501

Return type *V1alpha1WorkflowTemplate*

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.151 argo.models.v1alpha1_workflow_template_lint_request

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.152 Module Contents

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

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowTemplateLintRequest - a model defined in OpenAPI

openapi_types

attribute_map

property create_options (*self*)

Gets the create_options of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

Returns The create_options of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

Return type kubernetes.client.models.V1CreateOptions

property namespace (*self*)

Gets the namespace of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

Return type str

property template (*self*)

Gets the template of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

Returns The template of this V1alpha1WorkflowTemplateLintRequest. # noqa: E501

Return type *V1alpha1WorkflowTemplate*

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.153 `argo.models.v1alpha1_workflow_template_list`

Argo

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

The version of the OpenAPI document: v2.6.3 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,
                                                                 lo-
                                                                 cal_vars_configu
```

Bases: object

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

Do not edit the class manually.

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

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.156 Module Contents

```
class argo.models.v1alpha1_workflow_template_spec.V1alpha1WorkflowTemplateSpec (arguments=None,
                                         templates=None,
                                         local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowTemplateSpec - a model defined in OpenAPI

openapi_types

attribute_map

property arguments (*self*)

Gets the arguments of this V1alpha1WorkflowTemplateSpec. # noqa: E501

Returns The arguments of this V1alpha1WorkflowTemplateSpec. # noqa: E501

Return type *V1alpha1Arguments*

property templates (*self*)

Gets the templates of this V1alpha1WorkflowTemplateSpec. # noqa: E501

Templates is a list of workflow templates. # noqa: E501

Returns The templates of this V1alpha1WorkflowTemplateSpec. # noqa: E501

Return type list[*V1alpha1Template*]

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.157 argo.models.v1alpha1_workflow_template_update_request

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.158 Module Contents

class argo.models.v1alpha1_workflow_template_update_request.V1alpha1WorkflowTemplateUpdateRequest

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowTemplateUpdateRequest - a model defined in OpenAPI

openapi_types

attribute_map

property name (*self*)

Gets the name of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

Returns The name of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

Return type str

property namespace (*self*)

Gets the namespace of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

Return type str

property template (*self*)

Gets the template of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

Returns The template of this V1alpha1WorkflowTemplateUpdateRequest. # noqa: E501

Return type *V1alpha1WorkflowTemplate*

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.159 argo.models.v1alpha1_workflow_terminate_request

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.160 Module Contents

class argo.models.v1alpha1_workflow_terminate_request.V1alpha1WorkflowTerminateRequest (name

name

pace

lo-

cal_v

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowTerminateRequest - a model defined in OpenAPI

openapi_types

attribute_map

property name (*self*)

Gets the name of this V1alpha1WorkflowTerminateRequest. # noqa: E501

Returns The name of this V1alpha1WorkflowTerminateRequest. # noqa: E501

Return type str

property namespace (*self*)

Gets the namespace of this V1alpha1WorkflowTerminateRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowTerminateRequest. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.1.161 argo.models.v1alpha1_workflow_watch_event

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.1.1.1.162 Module Contents

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

type=None,

lo-

cal_vars_configuration

Bases: *object*

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

Do not edit the class manually.

V1alpha1WorkflowWatchEvent - a model defined in OpenAPI

openapi_types**attribute_map****property object** (*self*)

Gets the object of this V1alpha1WorkflowWatchEvent. # noqa: E501

Returns The object of this V1alpha1WorkflowWatchEvent. # noqa: E501**Return type** *V1alpha1Workflow***property type** (*self*)

Gets the type of this V1alpha1WorkflowWatchEvent. # noqa: E501

Returns The type of this V1alpha1WorkflowWatchEvent. # noqa: E501**Return type** str**to_dict** (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.1.1.2 Package Contents

```
class argo.models.Cronv1alpha1CreateCronWorkflowRequest (create_options=None,
                                                         cron_workflow=None,
                                                         namespace=None,      lo-
                                                         cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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,           lo-  
                                                    cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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,           names-  
                                                         pace=None,           lo-  
                                                         cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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,          lo-
                                     cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

GoogleProtobufAny - a model defined in OpenAPI

openapi_types

attribute_map

property type_url (*self*)

Gets the type_url of this GoogleProtobufAny. # noqa: E501

Returns The type_url of this GoogleProtobufAny. # noqa: E501

Return type str

property value (*self*)

Gets the value of this GoogleProtobufAny. # noqa: E501

Returns The value of this GoogleProtobufAny. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

```
class argo.models.GrpcGatewayRuntimeStreamError (details=None,      grpc_code=None,
                                                  http_code=None,   http_status=None,
                                                  message=None,      lo-
                                                  cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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, lo-
                                           cal_vars_configuration=None)

    Bases: object

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

    Do not edit the class manually.

    V1alpha1ArchiveStrategy - a model defined in OpenAPI

    openapi_types

    attribute_map

    property tar (self)
        Gets the tar of this V1alpha1ArchiveStrategy. # noqa: E501

        Returns The tar of this V1alpha1ArchiveStrategy. # noqa: E501

        Return type object

    to_dict (self)
        Returns the model properties as a dict

    to_str (self)
        Returns the string representation of the model

class argo.models.V1alpha1Arguments (artifacts=None, parameters=None, lo-
                                       cal_vars_configuration=None)

    Bases: object

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

Do not edit the class manually.

V1alpha1Arguments - a model defined in OpenAPI

openapi_types

attribute_map

property artifacts (*self*)

Gets the artifacts of this V1alpha1Arguments. # noqa: E501

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, lo-
                                   cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1Artifact - a model defined in OpenAPI

openapi_types

attribute_map

property archive (*self*)

Gets the archive of this V1alpha1Artifact. # noqa: E501

Returns The archive of this V1alpha1Artifact. # noqa: E501

Return type V1alpha1ArchiveStrategy

property 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,
                                           git=None, hdfs=None, http=None, raw=None,
                                           s3=None, local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1ArtifactLocation - a model defined in OpenAPI

openapi_types

attribute_map

property archive_logs (*self*)

Gets the archive_logs of this V1alpha1ArtifactLocation. # noqa: E501

Returns The archive_logs of this V1alpha1ArtifactLocation. # noqa: E501

Return type bool

property artifactory (*self*)

Gets the artifactory of this V1alpha1ArtifactLocation. # noqa: E501

Returns The artifactory of this V1alpha1ArtifactLocation. # noqa: E501

Return type *V1alpha1ArtifactoryArtifact*

property git (*self*)

Gets the git of this V1alpha1ArtifactLocation. # noqa: E501

Returns The git of this V1alpha1ArtifactLocation. # noqa: E501**Return type** *V1alpha1GitArtifact***property hdfs** (*self*)

Gets the hdfs of this V1alpha1ArtifactLocation. # noqa: E501

Returns The hdfs of this V1alpha1ArtifactLocation. # noqa: E501**Return type** *V1alpha1HDFSArtifact***property http** (*self*)

Gets the http of this V1alpha1ArtifactLocation. # noqa: E501

Returns The http of this V1alpha1ArtifactLocation. # noqa: E501**Return type** *V1alpha1HTTPArtifact***property raw** (*self*)

Gets the raw of this V1alpha1ArtifactLocation. # noqa: E501

Returns The raw of this V1alpha1ArtifactLocation. # noqa: E501**Return type** *V1alpha1RawArtifact***property s3** (*self*)

Gets the s3 of this V1alpha1ArtifactLocation. # noqa: E501

Returns The s3 of this V1alpha1ArtifactLocation. # noqa: E501**Return type** *V1alpha1S3Artifact***to_dict** (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

class argo.models.V1alpha1ArtifactRepositoryRef (*config_map=None, key=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1ArtifactRepositoryRef - a model defined in OpenAPI

openapi_types**attribute_map****property config_map** (*self*)

Gets the config_map of this V1alpha1ArtifactRepositoryRef. # noqa: E501

Returns The config_map of this V1alpha1ArtifactRepositoryRef. # noqa: E501**Return type** str**property key** (*self*)

Gets the key of this V1alpha1ArtifactRepositoryRef. # noqa: E501

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

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

class argo.models.V1alpha1ArtifactFactoryArtifact (*artifact_auth=None, url=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1ArtifactFactoryArtifact - a model defined in OpenAPI

openapi_types

attribute_map

property artifact_auth (*self*)

Gets the artifact_auth of this V1alpha1ArtifactFactoryArtifact. # noqa: E501

Returns The artifact_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, name_secret=None, local_vars_configuration=None*, *username_secret=None*)

Bases: object

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 V1alpha1ArtifactFactoryAuth. # 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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1ContinueOn - a model defined in OpenAPI

openapi_types

attribute_map

property error (*self*)

Gets the error of this V1alpha1ContinueOn. # noqa: E501

Returns The error of this V1alpha1ContinueOn. # noqa: E501

Return type bool

property failed (*self*)

Gets the failed of this V1alpha1ContinueOn. # noqa: E501

Returns The failed of this V1alpha1ContinueOn. # noqa: E501

Return type bool

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

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

Bases: object

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

Do not edit the class manually.

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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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,      sched-
                                             ule=None, starting_deadline_seconds=None,
                                             successful_jobs_history_limit=None,
                                             suspend=None,                       timezone=None,
                                             workflow_spec=None,                   lo-
                                             cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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_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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1DAGTask - a model defined in OpenAPI

openapi_types

attribute_map

property arguments (*self*)
Gets the arguments of this V1alpha1DAGTask. # noqa: E501
Returns The arguments of this V1alpha1DAGTask. # noqa: E501
Return type *V1alpha1Arguments*

property continue_on (*self*)
Gets the continue_on of this V1alpha1DAGTask. # noqa: E501
Returns The continue_on of this V1alpha1DAGTask. # noqa: E501
Return type *V1alpha1ContinueOn*

property dependencies (*self*)
Gets the dependencies of this V1alpha1DAGTask. # noqa: E501
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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1DAGTemplate - a model defined in OpenAPI

openapi_types

attribute_map

property fail_fast (*self*)

Gets the fail_fast of this V1alpha1DAGTemplate. # noqa: E501

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,          lo-
                                         cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1ExecutorConfig - a model defined in OpenAPI

openapi_types

attribute_map

property service_account_name (*self*)

Gets the service_account_name of this V1alpha1ExecutorConfig. # noqa: E501

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

Returns The service_account_name of this V1alpha1ExecutorConfig. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1GitArtifact (depth=None,          fetch=None,          inse-
                                         cure_ignore_host_key=None,          pass-
                                         word_secret=None,          repo=None,          revi-
                                         sion=None,          ssh_private_key_secret=None,          lo-
                                         username_secret=None,          cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1GitArtifact - a model defined in OpenAPI

openapi_types

attribute_map

property depth (*self*)

Gets the depth of this V1alpha1GitArtifact. # noqa: E501

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, hdfs_config=None, path=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1HDFSArtifact - a model defined in OpenAPI

openapi_types

attribute_map

property 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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1HDFSConfig - a model defined in OpenAPI

openapi_types

attribute_map

property addresses (*self*)

Gets the addresses of this V1alpha1HDFSConfig. # noqa: E501

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 *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

```
class argo.models.V1alpha1HDFSKrbConfig (krb_c_cache_secret=None,  
                                         krb_config_config_map=None,  
                                         krb_keytab_secret=None,      krb_realm=None,  
                                         krb_service_principal_name=None,  
                                         krb_username=None,           lo-  
                                         cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1HDFSKrbConfig - a model defined in OpenAPI

openapi_types

attribute_map

property krb_c_cache_secret (*self*)

Gets the krb_c_cache_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

Returns The krb_c_cache_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

Return type `kubernetes.client.models.V1SecretKeySelector`

property krb_config_config_map (*self*)

Gets the krb_config_config_map of this V1alpha1HDFSKrbConfig. # noqa: E501

Returns The krb_config_config_map of this V1alpha1HDFSKrbConfig. # noqa: E501

Return type `kubernetes.client.models.V1ConfigMapKeySelector`

property krb_keytab_secret (*self*)

Gets the krb_keytab_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

Returns The krb_keytab_secret of this V1alpha1HDFSKrbConfig. # noqa: E501

Return type `kubernetes.client.models.V1SecretKeySelector`

property krb_realm (*self*)

Gets the krb_realm of this V1alpha1HDFSKrbConfig. # noqa: E501

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

Returns The krb_realm of this V1alpha1HDFSKrbConfig. # noqa: E501

Return type `str`

property krb_service_principal_name (*self*)

Gets the krb_service_principal_name of this V1alpha1HDFSKrbConfig. # noqa: E501

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

Returns The krb_service_principal_name of this V1alpha1HDFSKrbConfig. # noqa: E501

Return type `str`

property krb_username (*self*)

Gets the krb_username of this V1alpha1HDFSKrbConfig. # noqa: E501

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

Returns The krb_username of this V1alpha1HDFSKrbConfig. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

class argo.models.V1alpha1HTTPArtifact (*url=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1HTTPArtifact - a model defined in OpenAPI

openapi_types

attribute_map

property url (*self*)

Gets the url of this V1alpha1HTTPArtifact. # noqa: E501

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.V1alpha1InfoResponse (*managed_namespace=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1InfoResponse - a model defined in OpenAPI

openapi_types

attribute_map

property 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, local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1Inputs - a model defined in OpenAPI

openapi_types

attribute_map

property artifacts (*self*)

Gets the artifacts of this V1alpha1Inputs. # noqa: E501

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, local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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,    lo-
                                     cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1ItemValue - a model defined in OpenAPI

openapi_types

attribute_map

property bool_val (*self*)

Gets the bool_val of this V1alpha1ItemValue. # noqa: E501

Returns The bool_val of this V1alpha1ItemValue. # noqa: E501

Return type bool

property list_val (*self*)

Gets the list_val of this V1alpha1ItemValue. # noqa: E501

Returns The list_val of this V1alpha1ItemValue. # noqa: E501

Return type list[str]

property map_val (*self*)

Gets the map_val of this V1alpha1ItemValue. # noqa: E501

Returns The map_val of this V1alpha1ItemValue. # noqa: E501

Return type dict(str, str)

property num_val (*self*)

Gets the num_val of this V1alpha1ItemValue. # noqa: E501

Returns The num_val of this V1alpha1ItemValue. # noqa: E501

Return type str

property str_val (*self*)

Gets the str_val of this V1alpha1ItemValue. # noqa: E501

Returns The str_val of this V1alpha1ItemValue. # noqa: E501

Return type str

property type (*self*)

Gets the type of this V1alpha1ItemValue. # noqa: E501

Returns The type of this V1alpha1ItemValue. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

class argo.models.V1alpha1LogEntry (*content=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

class argo.models.V1alpha1Metadata (*annotations=None, labels=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1Metadata - a model defined in OpenAPI

openapi_types

attribute_map

property annotations (*self*)

Gets the annotations of this V1alpha1Metadata. # noqa: E501

Returns The annotations of this V1alpha1Metadata. # noqa: E501

Return type dict(str, str)

property labels (*self*)

Gets the labels of this V1alpha1Metadata. # noqa: E501

Returns The labels of this V1alpha1Metadata. # noqa: E501

Return type dict(str, str)

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

```
class argo.models.V1alpha1NodeStatus (boundary_id=None,      children=None,      dae-
                                     moned=None, display_name=None, finished_at=None,
                                     id=None,      inputs=None,      message=None,
                                     name=None, outbound_nodes=None, outputs=None,
                                     phase=None, pod_ip=None, started_at=None,
                                     stored_template_id=None, template_name=None,
                                     template_ref=None, template_scope=None,
                                     type=None, workflow_template_name=None, lo-
                                     cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1NodeStatus - a model defined in OpenAPI

openapi_types

attribute_map

property boundary_id (*self*)

Gets the boundary_id of this V1alpha1NodeStatus. # noqa: E501

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 daemonned (*self*)

Gets the daemonned of this V1alpha1NodeStatus. # noqa: E501

Returns The daemonned 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 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.V1alpha1Outputs (*artifacts=None, parameters=None, result=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1Outputs - a model defined in OpenAPI

openapi_types

attribute_map

property artifacts (*self*)

Gets the artifacts of this V1alpha1Outputs. # noqa: E501

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.V1alpha1ParallelSteps (*steps=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1ParallelSteps - a model defined in OpenAPI

openapi_types

attribute_map

property steps (*self*)

Gets the steps of this V1alpha1ParallelSteps. # noqa: E501

Returns The steps of this V1alpha1ParallelSteps. # noqa: E501

Return type list[V1alpha1WorkflowStep]

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

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

Bases: object

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

Do not edit the class manually.

V1alpha1Parameter - a model defined in OpenAPI

openapi_types

attribute_map

property default (*self*)

Gets the default of this V1alpha1Parameter. # noqa: E501

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, local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1PodGC - a model defined in OpenAPI

openapi_types

attribute_map

property strategy (*self*)

Gets the strategy of this V1alpha1PodGC. # noqa: E501

Returns The strategy of this V1alpha1PodGC. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

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

Bases: object

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

Do not edit the class manually.

V1alpha1RawArtifact - a model defined in OpenAPI

openapi_types

attribute_map

property data (*self*)

Gets the data of this V1alpha1RawArtifact. # noqa: E501

Returns The data of this V1alpha1RawArtifact. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

class argo.models.V1alpha1ResourceTemplate (*action=None, failure_condition=None, manifest=None, merge_strategy=None, set_owner_reference=None, success_condition=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1ResourceTemplate - a model defined in OpenAPI

openapi_types

attribute_map

property action (*self*)

Gets the action of this V1alpha1ResourceTemplate. # noqa: E501

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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1RetryStrategy - a model defined in OpenAPI

openapi_types

attribute_map

property 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, local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1S3Artifact - a model defined in OpenAPI

openapi_types

attribute_map

property `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, local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1S3Bucket - a model defined in OpenAPI

openapi_types

attribute_map

property `access_key_secret` (*self*)

Gets the `access_key_secret` of this V1alpha1S3Bucket. # noqa: E501

Returns The access_key_secret of this V1alpha1S3Bucket. # noqa: E501

Return type kubernetes.client.models.V1SecretKeySelector

property bucket (*self*)

Gets the bucket of this V1alpha1S3Bucket. # noqa: E501

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

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,          lo-
                                         cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1ScriptTemplate - a model defined in OpenAPI

openapi_types

attribute_map

property 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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1Sequence - a model defined in OpenAPI

openapi_types

attribute_map

property count (*self*)

Gets the count of this V1alpha1Sequence. # noqa: E501

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,
                                           cal_vars_configuration=None)
    Bases: object
    NOTE: This class is auto generated by OpenAPI Generator. Ref: https://openapi-generator.tech
    Do not edit the class manually.
    V1alpha1SuspendTemplate - a model defined in OpenAPI
    openapi_types
    attribute_map
    property duration (self)
        Gets the duration of this V1alpha1SuspendTemplate. # noqa: E501
        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,
                                       onds_after_success=None,
                                       cal_vars_configuration=None)
    Bases: object
    NOTE: This class is auto generated by OpenAPI Generator. Ref: https://openapi-generator.tech
    Do not edit the class manually.
    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,          automount_service_account_token=None,          container=None,          daemon=None,          dag=None,          executor=None,          host_aliases=None,          init_containers=None,          inputs=None,          metadata=None,          name=None,          node_selector=None,          outputs=None,          parallelism=None,          pod_spec_patch=None,          priority=None,          priority_class_name=None,          resource=None,          retry_strategy=None,          scheduler_name=None,          script=None,          security_context=None,          service_account_name=None,          sidecars=None,          steps=None,          suspend=None,          template=None,          template_ref=None,          tolerations=None,          volumes=None,          local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1Template - a model defined in OpenAPI

openapi_types

attribute_map

property active_deadline_seconds (*self*)

Gets the active_deadline_seconds of this V1alpha1Template. # noqa: E501

Optional duration in seconds relative to the StartTime that the pod may be active on a node before the system actively tries to terminate the pod; value must be positive integer This field is only applicable to container and script templates. # noqa: E501

Returns The active_deadline_seconds of this V1alpha1Template. # noqa: E501

Return type 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 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 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 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[*V1alpha1ParallelSteps*]

property suspend (*self*)

Gets the suspend of this V1alpha1Template. # noqa: E501

Returns The suspend of this V1alpha1Template. # noqa: E501

Return type *V1alpha1SuspendTemplate*

property template (*self*)

Gets the template of this V1alpha1Template. # noqa: E501

Template is the name of the template which is used as the base of this template. # noqa: E501

Returns The template of this V1alpha1Template. # noqa: E501

Return type str

property template_ref (*self*)

Gets the template_ref of this V1alpha1Template. # noqa: E501

Returns The template_ref of this V1alpha1Template. # noqa: E501

Return type *V1alpha1TemplateRef*

property tolerations (*self*)

Gets the tolerations of this V1alpha1Template. # noqa: E501

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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1TemplateRef - a model defined in OpenAPI

openapi_types

attribute_map

property name (*self*)

Gets the name of this V1alpha1TemplateRef. # noqa: E501

Name is the resource name of the template. # noqa: E501

Returns The name of this V1alpha1TemplateRef. # noqa: E501

Return type str

property runtime_resolution (*self*)

Gets the runtime_resolution of this V1alpha1TemplateRef. # noqa: E501

RuntimeResolution skips validation at creation time. By enabling this option, you can create the referred workflow template before the actual runtime. # noqa: E501

Returns The runtime_resolution of this V1alpha1TemplateRef. # noqa: E501

Return type bool

property template (*self*)

Gets the template of this V1alpha1TemplateRef. # noqa: E501

Template is the name of referred template in the resource. # noqa: E501

Returns The template of this V1alpha1TemplateRef. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

class argo.models.V1alpha1UserContainer (*container=None, mirror_volume_mounts=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1UserContainer - a model defined in OpenAPI

openapi_types

attribute_map

property 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 (*jq_filter=None, json_path=None, parameter=None, path=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1ValueFrom - a model defined in OpenAPI

openapi_types

attribute_map

property jq_filter (*self*)

Gets the jq_filter of this V1alpha1ValueFrom. # noqa: E501

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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1Workflow - a model defined in OpenAPI

openapi_types

attribute_map

property 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.V1alpha1WorkflowCreateRequest (*create_options=None, instance_id=None, namespace=None, server_dry_run=None, workflow=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowList - a model defined in OpenAPI

openapi_types

attribute_map

property 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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowResumeRequest - a model defined in OpenAPI

openapi_types

attribute_map

property name (*self*)

Gets the name of this V1alpha1WorkflowResumeRequest. # noqa: E501

Returns The name of this V1alpha1WorkflowResumeRequest. # noqa: E501

Return type str

property namespace (*self*)

Gets the namespace of this V1alpha1WorkflowResumeRequest. # noqa: E501

Returns The namespace of this V1alpha1WorkflowResumeRequest. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

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

Bases: object

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

Do not edit the class manually.

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, node_selector=None, on_exit=None, parallelism=None, pod_gc=None, pod_priority=None, pod_priority_class_name=None, pod_spec_patch=None, priority=None, scheduler_name=None, security_context=None, service_account_name=None, suspend=None, templates=None, tolerations=None, ttl_seconds_after_finished=None, ttl_strategy=None, volume_claim_templates=None, volumes=None, local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowSpec - a model defined in OpenAPI

openapi_types

attribute_map

property active_deadline_seconds (*self*)

Gets the active_deadline_seconds of this V1alpha1WorkflowSpec. # noqa: E501

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

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 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_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 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, finished_at=None,  
                                           message=None, nodes=None, of-  
                                           fload_node_status_version=None, out-  
                                           puts=None, persistent_volume_claims=None,  
                                           phase=None, started_at=None,  
                                           stored_templates=None, lo-  
                                           cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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 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 or 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 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,    local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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.V1alpha1WorkflowSuspendRequest (*name=None, namespace=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowTemplate - a model defined in OpenAPI

openapi_types

attribute_map

property 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,           lo-  
                                                         cal_vars_configuration=None)
```

Bases: `object`

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

Do not edit the class manually.

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,          lo-
                                                         cal_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

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, local_vars_configuration=None)
```

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowTemplateList - a model defined in OpenAPI

openapi_types

attribute_map

property 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 (*arguments=None, templates=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

V1alpha1WorkflowTemplateSpec - a model defined in OpenAPI

openapi_types

attribute_map

property arguments (*self*)

Gets the arguments of this V1alpha1WorkflowTemplateSpec. # noqa: E501

Returns The arguments of this V1alpha1WorkflowTemplateSpec. # noqa: E501

Return type V1alpha1Arguments

property templates (*self*)

Gets the templates of this V1alpha1WorkflowTemplateSpec. # noqa: E501

Templates is a list of workflow templates. # noqa: E501

Returns The templates of this V1alpha1WorkflowTemplateSpec. # noqa: E501

Return type list[V1alpha1Template]

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

class argo.models.V1alpha1WorkflowTemplateUpdateRequest (*name=None, namespace=None, template=None, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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, local_vars_configuration=None*)

Bases: object

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

Do not edit the class manually.

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, local_vars_configuration=None*)

Bases: *object*

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

Do not edit the class manually.

V1alpha1WorkflowWatchEvent - a model defined in OpenAPI

openapi_types

attribute_map

property object (*self*)

Gets the object of this V1alpha1WorkflowWatchEvent. # noqa: E501

Returns The object of this V1alpha1WorkflowWatchEvent. # noqa: E501

Return type *V1alpha1Workflow*

property type (*self*)

Gets the type of this V1alpha1WorkflowWatchEvent. # noqa: E501

Returns The type of this V1alpha1WorkflowWatchEvent. # noqa: E501

Return type str

to_dict (*self*)

Returns the model properties as a dict

to_str (*self*)

Returns the string representation of the model

1.1.2 Submodules

1.1.2.1 argo.configuration

Argo

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

The version of the OpenAPI document: v2.6.3 Generated by: <https://openapi-generator.tech>

1.1.2.1.1 Module Contents

```
class argo.configuration.Configuration (host='http://localhost:2746',          api_key=None,
                                     api_key_prefix=None,  username=None,  pass-
                                     word=None, signing_info=None)
```

Bases: object

NOTE: This class is auto generated by OpenAPI Generator

Ref: <https://openapi-generator.tech> Do not edit the class manually.

Parameters

- **host** – Base url
- **api_key** – Dict to store API key(s). Each entry in the dict specifies an API key. The dict key is the name of the security scheme in the OAS specification. The dict value is the API key secret.
- **api_key_prefix** – Dict to store API prefix (e.g. Bearer) The dict key is the name of the security scheme in the OAS specification. The dict value is an API key prefix when generating the auth data.
- **username** – Username for HTTP basic authentication
- **password** – Password for HTTP basic authentication

- **signing_info** – Configuration parameters for HTTP signature. Must be an instance of `argo.signing.HttpSigningConfiguration`

Example

Given the following security scheme in the OpenAPI specification:

components:

securitySchemes:

cookieAuth: # name for the security scheme type: apiKey in: cookie name: JSESSIONID # cookie name

You can programmatically set the cookie:

```
conf = argo.Configuration( api_key={'cookieAuth': 'abc123'} api_key_prefix={'cookieAuth': 'JSESSIONID'})
```

The following cookie will be added to the HTTP request: Cookie: JSESSIONID abc123

Configure API client with HTTP basic authentication:

```
conf = argo.Configuration( username='the-user', password='the-password', )
```

Configure API client with HTTP signature authentication. Use the 'hs2019' signature scheme, sign the HTTP requests with the RSA-SSA-PSS signature algorithm, and set the expiration time of the signature to 5 minutes after the signature has been created. Note you can use the constants defined in the `argo.signing` module, and you can also specify arbitrary HTTP headers to be included in the HTTP signature, except for the 'Authorization' header, which is used to carry the signature.

One may be tempted to sign all headers by default, but in practice it rarely works. This is because explicit proxies, transparent proxies, TLS termination endpoints or load balancers may add/modify/remove headers. Include the HTTP headers that you know are not going to be modified in transit.

```
conf = argo.Configuration(
    signing_info = argo.signing.HttpSigningConfiguration( key_id = 'my-key-id', private_key_path = 'rsa.pem', signing_scheme = signing.SCHEME_HS2019, signing_algorithm = signing.ALGORITHM_RSASSA_PSS, signed_headers = [signing.HEADER_REQUEST_TARGET,
        signing.HEADER_CREATED, signing.HEADER_EXPIRES, signing.HEADER_HOST, signing.HEADER_DATE, signing.HEADER_DIGEST,
        'Content-Type', 'Content-Length', 'User-Agent'
    ],
    signature_max_validity = datetime.timedelta(minutes=5)
)
```

Constructor

host

Default Base url

temp_folder_path

Temp file folder for downloading files

refresh_api_key_hook
function hook to refresh API key if expired

username
Username for HTTP basic authentication

password
Password for HTTP basic authentication

signing_info
The HTTP signing configuration

logger
Logging Settings

logger_format = %(asctime)s %(levelname)s %(message)s
Log format

logger_stream_handler
Log stream handler

logger_file_handler
Log file handler

logger_file
Debug file location

debug = False
Debug switch

verify_ssl = True
SSL/TLS verification Set this to false to skip verifying SSL certificate when calling API from https server.

ssl_ca_cert
Set this to customize the certificate file to verify the peer.

cert_file
client certificate file

key_file
client key file

assert_hostname
Set this to True/False to enable/disable SSL hostname verification.

connection_pool_maxsize
urllib3 connection pool's maximum number of connections saved per pool. urllib3 uses 1 connection as default value, but this is not the best value when you are making a lot of possibly parallel requests to the same host, which is often the case here. `cpu_count * 5` is used as default value to increase performance.

proxy
Proxy URL

proxy_headers
Proxy headers

safe_chars_for_path_param =
Safe chars for path_param

retries
Adding retries to override urllib3 default value 3

property logger_file (*self*)
The logger file.

If the `logger_file` is `None`, then add stream handler and remove file handler. Otherwise, add file handler and remove stream handler.

Parameters value – The `logger_file` path.

Type `str`

property debug (*self*)

Debug status

Parameters value – The debug status, `True` or `False`.

Type `bool`

property logger_format (*self*)

The logger format.

The `logger_formatter` will be updated when sets `logger_format`.

Parameters value – The format string.

Type `str`

get_api_key_with_prefix (*self*, *identifier*)

Gets API key (with prefix if set).

Parameters identifier – The identifier of `apiKey`.

Returns The token for api key authentication.

get_basic_auth_token (*self*)

Gets HTTP basic authentication header (string).

Returns The token for basic HTTP authentication.

auth_settings (*self*)

Gets Auth Settings dict for api client.

Returns The Auth Settings information dict.

to_debug_report (*self*)

Gets the essential information for debugging.

Returns The report for debugging.

get_host_settings (*self*)

Gets an array of host settings

Returns An array of host settings

get_host_from_settings (*self*, *index*, *variables=None*)

Gets host URL based on the index and variables :param index: array index of the host settings :param variables: hash of variable and the corresponding value :return: URL based on host settings

ARGO-MODELS

argo-models is a argo namespaced package with the `argo.models` subpackage which contains the generated OpenAPI models from [Argo](#).

Documentations can be found at <https://argo-models.readthedocs.io/en/latest/>

```
pip install argo-models
```

```
from argo.models import V1alpha1ArtifactLocation, V1alpha1S3Artifact
from kubernetes.client.models import V1SecretKeySelector

# create aws cred
access_key_secret = V1SecretKeySelector(name="s3_secret", key="accesskey")
secret_key_secret = V1SecretKeySelector(name="s3_secret", key="secretkey")

# create artifact config for s3
s3_artifact = V1alpha1S3Artifact(
    bucket="foobar",
    endpoint="s3.amazonaws.com"
    insecure=False,
    access_key_secret=access_key_secret,
    secret_key_secret=secret_key_secret,
    key=""
)

# create artifact location
artifact_location = V1alpha1ArtifactLocation(s3=s3_artifact)
```

2.1 Developer notes

To generate the latest models, update `version.txt` with the desired argo release (e.g. `2.3.0-rc3`) and then run `./generate-api.sh`.

To release new version to pypi, create a release with the corresponding version tag (e.g. `v2.2.1`). Travis will automatically publish the package.

NOTE:

`version.txt` should hold the current/latest argo version to be generated, as it is also used by `setup.py` as the `argo-models` package version.

Please install [@openapitools/openapi-generator-cli](#) to generate the openapi specs.

2.2 License

This package is licensed under [Apache-2.0](#) and is a derivative of the [Argo project](#) using [OpenAPI generator](#).

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