ModulePlugin APIs

ModuleConfig [moduleconfigs.(ModuleInfo [moduleinfoes.clust ModulePlug

ModuleConfig [moduleconfigs.cluster.alauda.io/v1alpha1]

描述

ModuleConfig is the Schema for the moduleconfigs API

类型

`object`

规格

属性	类型	描述
`apiVersion`	`string`	APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#resources ↗
`kind`	`string`	Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info:

属性	类型	描述
		https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds ↗
`metadata`	`ObjectMeta`	ObjectMeta is metadata that all persisted resources must have, which includes all objects users must create.
`spec`	`object`	ModuleConfigSpec defines the desired state of ModuleConfig
`status`	`object`	ModuleConfigStatus defines the observed state of ModuleConfig

.spec

描述

ModuleConfigSpec defines the desired state of ModuleConfig

类型

`object`

必填

`deleteable` `description` `logo` `name`

属性	类型	描述
`affinity`	`object`	Affinity is the affinity of the plugin.

属性	类型	描述
`appReleases`	`array`	AppReleases is the app releases of the module.
`cfgFilename`	`string`	CfgFilename is the plugin config filename in chart.
`config`	`object`	Config is the config of the module.
`crossClusterDependencies`	`array`	CrossClusterDependencies indicates the cross-cluster dependencies of this module. Deprecated
`deleteBlockDescription`	`string`	DeleteBlockDescription is the delete block description of the module.
`deleteBlockDescriptionEn`	`string`	DeleteBlockDescriptionEn is the delete block description of the module in English.
`deleteRiskDescription`	`string`	DeleteRiskDescription is the delete risk description of the module.
`deleteRiskDescriptionEn`	`string`	DeleteRiskDescriptionEn is the delete risk description of the module in English.

属性	类型	描述
`deleteable`	`boolean`	Deleteable indicates whether the module can be deleted.
`dependencies`	`array`	Dependencies is the dependencies of the module.
`deployDescriptors`	`array`	DeployDescriptors is the descriptors of the module for deployment.
`description`	`object`	Description is the description of the module.
`editDescriptors`	`array`	EditDescriptors is the descriptors of the module for edit.
`entrypointTemplate`	`string`	EntrypointTemplate is the entrypoint template of the module.
`labelCluster`	`string`	LabelCluster is the flag of whether label cluster resource.
`logo`	`string`	Logo is the logo of the module.

属性	类型	描述
`mainChart`	`string`	MainChart is the main chart of the module.
`mustUpgrade`	`boolean`	MustUpgrade is the flag of whether the module must upgrade.
`name`	`string`	Name is the name of the module.
`pluginDependencies`	`object`	PluginDependencies define the plugins dependent relationship
`resourcesBlockRemove`	`array`	ResourcesBlockRemove stands for the resources reference with can block remove this plugin, all of theses resources must be deleted before you can remove this plugin.
`skipPlatformConfig`	`boolean`	SkipPlatformConfig stands for skip reference the platform values when renderering the values for AppRelease.
`supportedUpgradeVersions`	`string`	SupportedUpgradeVersions is the supported old versions of the module for upgrade.

属性	类型	描述
`targetClusterVersions`	`array`	TargetClusterVersions is the target clusters of the module.
`transitTimeout`	`integer`	TransitTimeout is the timeout duration for upgrade.
`uiContext`	`object`	UIContext is the additional attributes for module config.
`upgradeBefore`	`array`	UpgradeBefore stands for need upgrade before these mouldes
`upgradeDescriptors`	`array`	UpgradeDescriptors is the descriptors of the module for upgrade.
`upgradeRiskDescription`	`string`	UpgradeRiskDescription is the upgrade risk description of the module.
`upgradeRiskDescriptionEn`	`string`	UpgradeRiskDescriptionEn is the upgrade risk description of the module in English.
`upgradeRiskLevel`	`string`	UpgradeRiskLevel is the upgrade risk level of the module.

属性	类型	描述
`valuesTemplates`	`object`	ValuesTemplates is the values templates of the module.
`version`	`string`	Version is the version of the module.

.spec.affinity

描述

Affinity is the affinity of the plugin.

类型

`object`

属性	类型	描述
`clusterAffinity`	`object`	ClusterAffinity defines the cluster affinity
`clusterAntiAffinity`	`object`	ClusterAntiAffinity defines the cluster anti-affinity
`pluginAntiAffinity`	`array`	PluginAntiAffinity defines the plugin anti-affinity

.spec.affinity.clusterAffinity

描述

ClusterAffinity defines the cluster affinity

类型

`object`

属性	类型	描述
`matchExpressions`	`array`	MatchExpressions is the list of match expressions
`matchLabels`	`object`	MatchLabels is the cluster selector

.spec.affinity.clusterAffinity.matchExpressions

描述

MatchExpressions is the list of match expressions

类型

`array`

.spec.affinity.clusterAffinity.matchExpressions[]

描述

A node selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

类型

`object`

必填

`key` `operator`

属性	类型	描述
`key`	`string`	The label key that the selector applies to.

属性	类型	描述
`operator`	`string`	Represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists, DoesNotExist. Gt, and Lt.
`values`	`array`	An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

.spec.affinity.clusterAffinity.matchExpressions[].values

描述

An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

类型

`array`

.spec.affinity.clusterAffinity.matchExpressions[].values[]

类型

`string`

.spec.affinity.clusterAffinity.matchLabels

描述

MatchLabels is the cluster selector

类型

`object`

.spec.affinity.clusterAntiAffinity

描述

ClusterAntiAffinity defines the cluster anti-affinity

类型

`object`

属性	类型	描述
`matchExpressions`	`array`	MatchExpressions is the list of match expressions
`matchLabels`	`object`	MatchLabels is the cluster selector

.spec.affinity.clusterAntiAffinity.matchExpressions

描述

MatchExpressions is the list of match expressions

类型

`array`

.spec.affinity.clusterAntiAffinity.matchExpressions[]

描述

A node selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

类型

`object`

必填

`key` `operator`

属性	类型	描述
`key`	`string`	The label key that the selector applies to.
`operator`	`string`	Represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists, DoesNotExist. Gt, and Lt.
`values`	`array`	An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

.spec.affinity.clusterAntiAffinity.matchExpressions[].values

描述

An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

类型

`array`

.spec.affinity.clusterAntiAffinity.matchExpressions[].values[]

类型

`string`

.spec.affinity.clusterAntiAffinity.matchLabels

描述

MatchLabels is the cluster selector

类型

`object`

.spec.affinity.pluginAntiAffinity

描述

PluginAntiAffinity defines the plugin anti-affinity

类型

`array`

.spec.affinity.pluginAntiAffinity[]

类型

`string`

.spec.appReleases

描述

AppReleases is the app releases of the module.

类型

`array`

.spec.appReleases[]

描述

AppRelease is the release of an application

类型

`object`

必填

`chartVersions` `name`

属性	类型	描述
`chartVersions`	`array`	ChartVersions stands for the app's chart versions
`installCondition`	`string`	InstallCondition is the condition of installing
`name`	`string`	Name stands for the release name
`namespace`	`string`	Namespace stands for the release namespace

.spec.appReleases[].chartVersions

描述

ChartVersions stands for the app's chart versions

类型

`array`

.spec.appReleases[].chartVersions[]

描述

ChartVersion is the version of the chart

类型

`object`

必填

`name` `releaseName` `version`

属性	类型	描述
`name`	`string`	Name stands for the chart's name
`releaseName`	`string`	ReleaseName stands for the release name
`version`	`string`	Version stands for the chart's version

.spec.config

描述

Config is the config of the module.

类型

`object`

.spec.crossClusterDependencies

描述

CrossClusterDependencies indicates the cross-cluster dependencies of this module.
Deprecated

类型

`array`

.spec.crossClusterDependencies[]

类型

`string`

.spec.dependencies

描述

Dependencies is the dependencies of the module.

类型

`array`

.spec.dependencies[]

描述

ModuleDependency defines the module dependency

类型

`object`

必填

`moduleName`

属性	类型	描述
`instanceName`	`string`	InstanceName stands for the dependent module's ModuleInfo CR's name
`moduleName`	`string`	ModuleName stands for the dependent module's name

属性	类型	描述
`versionsMatch`	`array`	VersionMatch stands for the version requirements for the dependent module, any match will be acceptable.

.spec.dependencies[].versionsMatch

描述

VersionMatch stands for the version requirements for the dependent module, any match will be acceptable.

类型

`array`

.spec.dependencies[].versionsMatch[]

类型

`string`

.spec.deployDescriptors

描述

DeployDescriptors is the descriptors of the module for deployment.

类型

`array`

.spec.deployDescriptors[]

描述

Descriptors defines OLM descriptors http://confluence.alauda.cn/display/cp/OLM+Descriptor

类型

`object`

必填

`path` `x-descriptors`

属性	类型	描述
`description`	`string`	Description is the description of the descriptor
`displayName`	`string`	DisplayName is the display name of the descriptor
`path`	`string`	Path is the path of the descriptor
`x-descriptors`	`array`	X-Descriptors is the list of descriptors

.spec.deployDescriptors[].x-descriptors

描述

X-Descriptors is the list of descriptors

类型

`array`

.spec.deployDescriptors[].x-descriptors[]

类型

`string`

.spec.description

描述

Description is the description of the module.

类型

`object`

属性	类型	描述
`en`	`string`	En is the English description
`zh`	`string`	Zh is the Chinese description

.spec.editDescriptors

描述

EditDescriptors is the descriptors of the module for edit.

类型

`array`

.spec.editDescriptors[]

描述

Descriptors defines OLM descriptors
http://confluence.alauda.cn/display/cp/OLM+Descriptor

类型

`object`

必填

`path` `x-descriptors`

属性	类型	描述
`description`	`string`	Description is the description of the descriptor
`displayName`	`string`	DisplayName is the display name of the descriptor
`path`	`string`	Path is the path of the descriptor
`x-descriptors`	`array`	X-Descriptors is the list of descriptors

.spec.editDescriptors[].x-descriptors

描述

X-Descriptors is the list of descriptors

类型

`array`

.spec.editDescriptors[].x-descriptors[]

类型

`string`

.spec.pluginDependencies

描述

PluginDependencies define the plugins dependent relationship

类型

`object`

属性	类型	描述
`crossCluster`	`object`	

.spec.pluginDependencies.crossCluster

类型

`object`

属性	类型	描述
`oneOf`	`array`	

.spec.pluginDependencies.crossCluster.oneOf

类型

`array`

.spec.pluginDependencies.crossCluster.oneOf[]

类型

`object`

必填

`clusterName` `pluginName`

属性	类型	描述
`clusterName`	`string`	
`pluginName`	`string`	

.spec.resourcesBlockRemove

描述

ResourcesBlockRemove stands for the resources reference with can block remove this plugin, all of theses resources must be deleted before you can remove this plugin.

类型

`array`

.spec.resourcesBlockRemove[]

描述

ResourceReference defines the resource reference

类型

`object`

属性	类型	描述
`apiVersion`	`string`	API version of the referent.
`kind`	`string`	Kind of the referent.
`name`	`string`	Name of the referent.
`namespace`	`string`	Namespace of the referent.

.spec.targetClusterVersions

描述

TargetClusterVersions is the target clusters of the module.

类型

`array`

.spec.targetClusterVersions[]

类型

`string`

.spec.uiContext

描述

UIContext is the additional attributes for module config.

类型

`object`

属性	类型	描述
`sizeSettings`	`object`	SizeSettings defines a list of size config

.spec.uiContext.sizeSettings

描述

SizeSettings defines a list of size config

类型

`object`

属性	类型	描述
`default`	`string`	Default is name for default size

属性	类型	描述
`quotaTip`	`object`	QuotaTip is quota tip
`sizes`	`array`	Sizes defines a list of size config

.spec.uiContext.sizeSettings.quotaTip

描述

QuotaTip is quota tip

类型

`object`

属性	类型	描述
`en`	`string`	En is the English text
`zh`	`string`	Zh is the Chinese text

.spec.uiContext.sizeSettings.sizes

描述

Sizes defines a list of size config

类型

`array`

.spec.uiContext.sizeSettings.sizes[]

描述

SizeConfig defines a list of components config

类型

`object`

必填

`components` `description` `name` `size`

属性	类型	描述
`components`	`object`	Components defines a list of component config
`description`	`object`	Description defines description for this size config
`name`	`object`	Name defines name for this size config
`size`	`string`	Size is name for this config

.spec.uiContext.sizeSettings.sizes[].components

描述

Components defines a list of component config

类型

`object`

.spec.uiContext.sizeSettings.sizes[].description

描述

Description defines description for this size config

类型

`object`

属性	类型	描述
`en`	`string`	En is the English text
`zh`	`string`	Zh is the Chinese text

.spec.uiContext.sizeSettings.sizes[].name

描述

Name defines name for this size config

类型

`object`

属性	类型	描述
`en`	`string`	En is the English text
`zh`	`string`	Zh is the Chinese text

.spec.upgradeBefore

描述

UpgradeBefore stands for need upgrade before these mouldes

类型

`array`

.spec.upgradeBefore[]

描述

ModuleRef defines the reference for the module

类型

`object`

必填

`moduleName`

属性	类型	描述
`moduleName`	`string`	ModuleName stands for the dependent module's name

.spec.upgradeDescriptors

描述

UpgradeDescriptors is the descriptors of the module for upgrade.

类型

`array`

.spec.upgradeDescriptors[]

描述

Descriptors defines OLM descriptors
http://confluence.alauda.cn/display/cp/OLM+Descriptor

类型

`object`

必填

`path` `x-descriptors`

属性	类型	描述
`description`	`string`	Description is the description of the descriptor
`displayName`	`string`	DisplayName is the display name of the descriptor
`path`	`string`	Path is the path of the descriptor
`x-descriptors`	`array`	X-Descriptors is the list of descriptors

.spec.upgradeDescriptors[].x-descriptors

描述

X-Descriptors is the list of descriptors

类型

`array`

.spec.upgradeDescriptors[].x-descriptors[]

类型

`string`

.spec.valuesTemplates

描述

ValuesTemplates is the values templates of the module.

类型

`object`

.status

描述

ModuleConfigStatus defines the observed state of ModuleConfig

类型

`object`

属性	类型	描述
`readyForDeploy`	`boolean`	ReadyForDeploy indicates whether the module is ready for deployment.
`targetClusterVersions`	`array`	TargetClusterVersions is the target clusters of the module.

.status.targetClusterVersions

描述

TargetClusterVersions is the target clusters of the module.

类型

`array`

.status.targetClusterVersions[]

类型

`string`

API 端点

可用的 API 端点如下：

- `/apis/cluster.alauda.io/v1alpha1/moduleconfigs`
  - `DELETE`: delete collection of ModuleConfig
  - `GET`: list objects of kind ModuleConfig
  - `POST`: create a new ModuleConfig
- `/apis/cluster.alauda.io/v1alpha1/moduleconfigs/{name}`
  - `DELETE`: delete the specified ModuleConfig
  - `GET`: read the specified ModuleConfig
  - `PATCH`: partially update the specified ModuleConfig
  - `PUT`: replace the specified ModuleConfig
- `/apis/cluster.alauda.io/v1alpha1/moduleconfigs/{name}/status`
  - `GET`: read status of the specified ModuleConfig
  - `PATCH`: partially update status of the specified ModuleConfig
  - `PUT`: replace status of the specified ModuleConfig

/apis/cluster.alauda.io/v1alpha1/moduleconfigs

HTTP 方法

`DELETE`

描述

delete collection of ModuleConfig

HTTP 响应

HTTP 状态码	响应体
200 - OK	`Status` schema
401 - Unauthorized	Empty

HTTP 方法

`GET`

描述

list objects of kind ModuleConfig

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleConfigList` schema
401 - Unauthorized	Empty

HTTP 方法

`POST`

描述

create a new ModuleConfig

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate

参数	类型	描述
		fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

请求体参数

参数	类型	描述
`body`	`ModuleConfig` schema	`application/json` formatted

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleConfig` schema
201 - Created	`ModuleConfig` schema
202 - Accepted	`ModuleConfig` schema
401 - Unauthorized	Empty

/apis/cluster.alauda.io/v1alpha1/moduleconfigs/{name}

HTTP 方法

`DELETE`

描述

delete the specified ModuleConfig

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the

参数	类型	描述
		request. Valid values are: - All: all dry run stages will be processed

HTTP 响应

HTTP 状态码	响应体
200 - OK	`Status` schema
202 - Accepted	`Status` schema
401 - Unauthorized	Empty

HTTP 方法

`GET`

描述

read the specified ModuleConfig

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleConfig` schema
401 - Unauthorized	Empty

HTTP 方法

`PATCH`

描述

partially update the specified ModuleConfig

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun

参数	类型	描述
		directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleConfig` schema
401 - Unauthorized	Empty

HTTP 方法

`PUT`

描述

replace the specified ModuleConfig

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

请求体参数

参数	类型	描述
`body`	`ModuleConfig` schema	`application/json` formatted

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleConfig` schema
201 - Created	`ModuleConfig` schema

HTTP 状态码	响应体
401 - Unauthorized	Empty

/apis/cluster.alauda.io/v1alpha1/moduleconfigs/{name}/status

HTTP 方法

`GET`

描述

read status of the specified ModuleConfig

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleConfig` schema
401 - Unauthorized	Empty

HTTP 方法

`PATCH`

描述

partially update status of the specified ModuleConfig

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing

参数	类型	描述
		unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleConfig` schema
401 - Unauthorized	Empty

HTTP 方法

`PUT`

描述

replace status of the specified ModuleConfig

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

请求体参数

参数	类型	描述
`body`	`ModuleConfig` schema	`application/json` formatted

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleConfig` schema
201 - Created	`ModuleConfig` schema

HTTP 状态码	响应体
401 - Unauthorized	Empty

ModuleInfo [moduleinfoes.cluster.alauda.io/v1alpha1]

描述

ModuleInfo is the Schema for the moduleinfos API

类型

`object`

规格

属性	类型	描述
`apiVersion`	`string`	APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#resources ↗
`kind`	`string`	Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info:

属性	类型	描述
		https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds ↗
`metadata`	`ObjectMeta`	ObjectMeta is metadata that all persisted resources must have, which includes all objects users must create.
`spec`	`object`	ModuleInfoSpec defines the spec of ModuleInfo
`status`	`object`	ModuleInfoStatus defines the observed state of ModuleInfo

.spec

描述

ModuleInfoSpec defines the spec of ModuleInfo

类型

`object`

必填

`version`

属性	类型	描述
`config`	`object`	Config stands for the user configs of the module instance

属性	类型	描述
`entrypoint`	`string`	Entrypoint stands for the entrypoint on the web GUI for this module instance
`selectedCluster`	`object`	SelectedCluster stands for the selected cluster of the module instance
`valuesOverride`	`object`	ValuesOverride stands for the overrides for charts
`version`	`string`	Version stands for the target version of the module

.spec.config

描述

Config stands for the user configs of the module instance

类型

`object`

.spec.selectedCluster

描述

SelectedCluster stands for the selected cluster of the module instance

类型

`object`

.spec.valuesOverride

描述

ValuesOverride stands for the overrides for charts

类型

`object`

.status

描述

ModuleInfoStatus defines the observed state of ModuleInfo

类型

`object`

必填

`phase` `version`

属性	类型	描述
`appReleases`	`array`	AppReleases stands for the module's app releases
`availableVersions`	`array`	AvailableVersions stands for the available versions of the module can upgrade to.
`blockReasons`	`array`	BlockReasons stands for the reasons blocked upgrade
`conditions`	`array`	Conditions stands for the moudle's conditions

属性	类型	描述
`moduleconfigSpecHash`	`string`	Hash stands for the has of ModuleConfig Spec
`phase`	`string`	Phase stands for the module's status
`removeIsPrevented`	`boolean`	RemoveIsPrevented stands for you can not remove this plugin right now for some reason.
`specHash`	`string`	Hash stands for the has of ModuleInfo Spec
`transitTimeout`	`integer`	TransitTimeout is the timeout duration for upgrade.
`transitTimestamp`	`string`	TransitTimestamp stands for the timestamp of the version changed
`transitVersion`	`string`	TransitVersion stands for the module's transit version used for upgrade
`version`	`string`	Version stands for the module's current version

.status.appReleases

描述

AppReleases stands for the module's app releases

类型

`array`

.status.appReleases[]

描述

AppReleaseStatus defines the status of the app release

类型

`object`

必填

`failed` `name` `ready` `synced`

属性	类型	描述
`chartVersions`	`array`	
`failed`	`boolean`	
`lastProbeTime`	`string`	
`message`	`string`	
`name`	`string`	
`namespace`	`string`	
`ready`	`boolean`	
`reason`	`string`	
`synced`	`boolean`	

.status.appReleases[].chartVersions

类型

`array`

.status.appReleases[].chartVersions[]

描述

ChartVersion stands for chart version

类型

`object`

必填

`name` `releaseName` `version`

属性	类型	描述
`name`	`string`	Name stands for the chart's name
`releaseName`	`string`	ReleaseName stands for the release name
`version`	`string`	Version stands for the chart's version

.status.availableVersions

描述

AvailableVersions stands for the available versions of the module can upgrade to.

类型

`array`

.status.availableVersions[]

描述

ModuleAvailableVersion defines module's available upgrade version

类型

`object`

必填

`description` `riskLevel` `version`

属性	类型	描述
`dependencies`	`array`	Dependencies stands for the dependent modules
`description`	`string`	Description stands for the description of uprading to this version
`descriptionEn`	`string`	DescriptionEn stands for the description of uprading to this version in English
`options`	`object`	Options stands for the options of uprading to this version
`riskLevel`	`string`	RiskLevel stands for the risk level of uprading to this version
`upgradeBefore`	`array`	UpgradeBefore stands for need upgrade before these mouldes
`version`	`string`	Version stands for the version of the module can upgrade to

.status.availableVersions[].dependencies

描述

Dependencies stands for the dependent modules

类型

`array`

.status.availableVersions[].dependencies[]

描述

ModuleDependency defines the module's dependency

类型

`object`

必填

`moduleName`

属性	类型	描述
`instanceName`	`string`	InstanceName stands for the dependent module's ModuleInfo CR's name
`moduleName`	`string`	ModuleName stands for the dependent module's name
`versionsMatch`	`array`	VersionMatch stands for the version requirements for the dependent module, any match will be acceptable.

.status.availableVersions[].dependencies[].versionsMatch

描述

VersionMatch stands for the version requirements for the dependent module, any match will be acceptable.

类型

`array`

.status.availableVersions[].dependencies[].versionsMatch[]

类型

`string`

.status.availableVersions[].options

描述

Options stands for the options of uprading to this version

类型

`object`

.status.availableVersions[].upgradeBefore

描述

UpgradeBefore stands for need upgrade before these mouldes

类型

`array`

.status.availableVersions[].upgradeBefore[]

描述

ModuleRef defines the reference for the module

类型

`object`

必填

`moduleName`

属性	类型	描述
`moduleName`	`string`	ModuleName stands for the dependent module's name

.status.blockReasons

描述

BlockReasons stands for the reasons blocked upgrade

类型

`array`

.status.blockReasons[]

类型

`string`

.status.conditions

描述

Conditions stands for the moudle's conditions

类型

`array`

.status.conditions[]

描述

ModuleCondition defines the module's conditions

类型

`object`

必填

`message` `reason` `status` `type`

属性	类型	描述
`lastProbeTime`	`string`	LastProbeTime stands for the timestamp to probe status
`lastTransitionTime`	`string`	LastTransitionTime stands for the timestamp of the status changed
`message`	`string`	Message contains the detail information why in the current status
`reason`	`string`	Reason contains the reason why in the current status
`status`	`string`	Status stands for condition's status
`type`	`string`	Type stands for condition's type

API 端点

可用的 API 端点如下：

- `/apis/cluster.alauda.io/v1alpha1/moduleinfos`

- `DELETE`: delete collection of ModuleInfo
- `GET`: list objects of kind ModuleInfo
- `POST`: create a new ModuleInfo

- `/apis/cluster.alauda.io/v1alpha1/moduleinfos/{name}`
  - `DELETE`: delete the specified ModuleInfo
  - `GET`: read the specified ModuleInfo
  - `PATCH`: partially update the specified ModuleInfo
  - `PUT`: replace the specified ModuleInfo
- `/apis/cluster.alauda.io/v1alpha1/moduleinfos/{name}/status`
  - `GET`: read status of the specified ModuleInfo
  - `PATCH`: partially update status of the specified ModuleInfo
  - `PUT`: replace status of the specified ModuleInfo

/apis/cluster.alauda.io/v1alpha1/moduleinfos

HTTP 方法

`DELETE`

描述

delete collection of ModuleInfo

HTTP 响应

HTTP 状态码	响应体
200 - OK	`Status` schema
401 - Unauthorized	Empty

HTTP 方法

`GET`

描述

list objects of kind ModuleInfo

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleInfoList` schema
401 - Unauthorized	Empty

HTTP 方法

`POST`

描述

create a new ModuleInfo

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server

参数	类型	描述
		will contain all unknown and duplicate fields encountered.

请求体参数

参数	类型	描述
`body`	`ModuleInfo` schema	`application/json` formatted

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleInfo` schema
201 - Created	`ModuleInfo` schema
202 - Accepted	`ModuleInfo` schema
401 - Unauthorized	Empty

/apis/cluster.alauda.io/v1alpha1/moduleinfos/{name}

HTTP 方法

`DELETE`

描述

delete the specified ModuleInfo

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed

HTTP 响应

HTTP 状态码	响应体
200 - OK	`Status` schema
202 - Accepted	`Status` schema
401 - Unauthorized	Empty

HTTP 方法

`GET`

描述

read the specified ModuleInfo

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleInfo` schema
401 - Unauthorized	Empty

HTTP 方法

`PATCH`

描述

partially update the specified ModuleInfo

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleInfo` schema
401 - Unauthorized	Empty

HTTP 方法

`PUT`

描述

replace the specified ModuleInfo

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

请求体参数

参数	类型	描述
`body`	`ModuleInfo` schema	`application/json` formatted

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleInfo` schema

HTTP 状态码	响应体
201 - Created	`ModuleInfo` schema
401 - Unauthorized	Empty

/apis/cluster.alauda.io/v1alpha1/moduleinfos/{name}/status

HTTP 方法

`GET`

描述

read status of the specified ModuleInfo

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleInfo` schema
401 - Unauthorized	Empty

HTTP 方法

`PATCH`

描述

partially update status of the specified ModuleInfo

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed

参数	类型	描述
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleInfo` schema
401 - Unauthorized	Empty

HTTP 方法

`PUT`

描述

replace status of the specified ModuleInfo

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun

参数	类型	描述
		directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

请求体参数

参数	类型	描述
`body`	`ModuleInfo` schema	`application/json` formatted

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModuleInfo` schema
201 - Created	`ModuleInfo` schema
401 - Unauthorized	Empty

ModulePlugin [moduleplugins.cluster.alauda.io/v1alpha1]

描述

ModuleConfig is the Schema for the moduleconfigs API

类型

`object`

规格

属性	类型	描述
`apiVersion`	`string`	APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#resources ↗
`kind`	`string`	Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info:

属性	类型	描述
		https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds ↗
`metadata`	`ObjectMeta`	ObjectMeta is metadata that all persisted resources must have, which includes all objects users must create.
`spec`	`object`	ModuleConfigSpec defines the desired state of ModuleConfig
`status`	`object`	ModulePluginStatus defines the observed state of ModulePlugin

.spec

描述

ModuleConfigSpec defines the desired state of ModuleConfig

类型

`object`

必填

`deleteable` `description` `logo` `name`

属性	类型	描述
`affinity`	`object`	Affinity is the affinity of the plugin.

属性	类型	描述
`appReleases`	`array`	AppReleases is the app releases of the module.
`cfgFilename`	`string`	CfgFilename is the plugin config filename in chart.
`config`	`object`	Config is the config of the module.
`crossClusterDependencies`	`array`	CrossClusterDependencies indicates the cross-cluster dependencies of this module. Deprecated
`deleteBlockDescription`	`string`	DeleteBlockDescription is the delete block description of the module.
`deleteBlockDescriptionEn`	`string`	DeleteBlockDescriptionEn is the delete block description of the module in English.
`deleteRiskDescription`	`string`	DeleteRiskDescription is the delete risk description of the module.
`deleteRiskDescriptionEn`	`string`	DeleteRiskDescriptionEn is the delete risk description of the module in English.

属性	类型	描述
`deleteable`	`boolean`	Deleteable indicates whether the module can be deleted.
`dependencies`	`array`	Dependencies is the dependencies of the module.
`deployDescriptors`	`array`	DeployDescriptors is the descriptors of the module for deployment.
`description`	`object`	Description is the description of the module.
`editDescriptors`	`array`	EditDescriptors is the descriptors of the module for edit.
`entrypointTemplate`	`string`	EntrypointTemplate is the entrypoint template of the module.
`labelCluster`	`string`	LabelCluster is the flag of whether label cluster resource.
`logo`	`string`	Logo is the logo of the module.

属性	类型	描述
`mainChart`	`string`	MainChart is the main chart of the module.
`mustUpgrade`	`boolean`	MustUpgrade is the flag of whether the module must upgrade.
`name`	`string`	Name is the name of the module.
`pluginDependencies`	`object`	PluginDependencies define the plugins dependent relationship
`resourcesBlockRemove`	`array`	ResourcesBlockRemove stands for the resources reference with can block remove this plugin, all of theses resources must be deleted before you can remove this plugin.
`skipPlatformConfig`	`boolean`	SkipPlatformConfig stands for skip reference the platform values when renderering the values for AppRelease.
`supportedUpgradeVersions`	`string`	SupportedUpgradeVersions is the supported old versions of the module for upgrade.

属性	类型	描述
`targetClusterVersions`	`array`	TargetClusterVersions is the target clusters of the module.
`transitTimeout`	`integer`	TransitTimeout is the timeout duration for upgrade.
`uiContext`	`object`	UIContext is the additional attributes for module config.
`upgradeBefore`	`array`	UpgradeBefore stands for need upgrade before these mouldes
`upgradeDescriptors`	`array`	UpgradeDescriptors is the descriptors of the module for upgrade.
`upgradeRiskDescription`	`string`	UpgradeRiskDescription is the upgrade risk description of the module.
`upgradeRiskDescriptionEn`	`string`	UpgradeRiskDescriptionEn is the upgrade risk description of the module in English.
`upgradeRiskLevel`	`string`	UpgradeRiskLevel is the upgrade risk level of the module.

属性	类型	描述
`valuesTemplates`	`object`	ValuesTemplates is the values templates of the module.
`version`	`string`	Version is the version of the module.

.spec.affinity

描述

Affinity is the affinity of the plugin.

类型

`object`

属性	类型	描述
`clusterAffinity`	`object`	ClusterAffinity defines the cluster affinity
`clusterAntiAffinity`	`object`	ClusterAntiAffinity defines the cluster anti-affinity
`pluginAntiAffinity`	`array`	PluginAntiAffinity defines the plugin anti-affinity

.spec.affinity.clusterAffinity

描述

ClusterAffinity defines the cluster affinity

类型

`object`

属性	类型	描述
`matchExpressions`	`array`	MatchExpressions is the list of match expressions
`matchLabels`	`object`	MatchLabels is the cluster selector

.spec.affinity.clusterAffinity.matchExpressions

描述

MatchExpressions is the list of match expressions

类型

`array`

.spec.affinity.clusterAffinity.matchExpressions[]

描述

A node selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

类型

`object`

必填

`key` `operator`

属性	类型	描述
`key`	`string`	The label key that the selector applies to.

属性	类型	描述
`operator`	`string`	Represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists, DoesNotExist. Gt, and Lt.
`values`	`array`	An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

.spec.affinity.clusterAffinity.matchExpressions[].values

描述

An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

类型

`array`

.spec.affinity.clusterAffinity.matchExpressions[].values[]

类型

`string`

.spec.affinity.clusterAffinity.matchLabels

描述

MatchLabels is the cluster selector

类型

`object`

.spec.affinity.clusterAntiAffinity

描述

ClusterAntiAffinity defines the cluster anti-affinity

类型

`object`

属性	类型	描述
`matchExpressions`	`array`	MatchExpressions is the list of match expressions
`matchLabels`	`object`	MatchLabels is the cluster selector

.spec.affinity.clusterAntiAffinity.matchExpressions

描述

MatchExpressions is the list of match expressions

类型

`array`

.spec.affinity.clusterAntiAffinity.matchExpressions[]

描述

A node selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

类型

`object`

必填

`key` `operator`

属性	类型	描述
`key`	`string`	The label key that the selector applies to.
`operator`	`string`	Represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists, DoesNotExist. Gt, and Lt.
`values`	`array`	An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

.spec.affinity.clusterAntiAffinity.matchExpressions[].values

描述

An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

类型

`array`

.spec.affinity.clusterAntiAffinity.matchExpressions[].values[]

类型

`string`

.spec.affinity.clusterAntiAffinity.matchLabels

描述

MatchLabels is the cluster selector

类型

`object`

.spec.affinity.pluginAntiAffinity

描述

PluginAntiAffinity defines the plugin anti-affinity

类型

`array`

.spec.affinity.pluginAntiAffinity[]

类型

`string`

.spec.appReleases

描述

AppReleases is the app releases of the module.

类型

`array`

.spec.appReleases[]

描述

AppRelease is the release of an application

类型

`object`

必填

`chartVersions` `name`

属性	类型	描述
`chartVersions`	`array`	ChartVersions stands for the app's chart versions
`installCondition`	`string`	InstallCondition is the condition of installing
`name`	`string`	Name stands for the release name
`namespace`	`string`	Namespace stands for the release namespace

.spec.appReleases[].chartVersions

描述

ChartVersions stands for the app's chart versions

类型

`array`

.spec.appReleases[].chartVersions[]

描述

ChartVersion is the version of the chart

类型

`object`

必填

`name` `releaseName` `version`

属性	类型	描述
`name`	`string`	Name stands for the chart's name
`releaseName`	`string`	ReleaseName stands for the release name
`version`	`string`	Version stands for the chart's version

.spec.config

描述

Config is the config of the module.

类型

`object`

.spec.crossClusterDependencies

描述

CrossClusterDependencies indicates the cross-cluster dependencies of this module.
Deprecated

类型

`array`

.spec.crossClusterDependencies[]

类型

`string`

.spec.dependencies

描述

Dependencies is the dependencies of the module.

类型

`array`

.spec.dependencies[]

描述

ModuleDependency defines the module dependency

类型

`object`

必填

`moduleName`

属性	类型	描述
`instanceName`	`string`	InstanceName stands for the dependent module's ModuleInfo CR's name
`moduleName`	`string`	ModuleName stands for the dependent module's name

属性	类型	描述
`versionsMatch`	`array`	VersionMatch stands for the version requirements for the dependent module, any match will be acceptable.

.spec.dependencies[].versionsMatch

描述

VersionMatch stands for the version requirements for the dependent module, any match will be acceptable.

类型

`array`

.spec.dependencies[].versionsMatch[]

类型

`string`

.spec.deployDescriptors

描述

DeployDescriptors is the descriptors of the module for deployment.

类型

`array`

.spec.deployDescriptors[]

描述

Descriptors defines OLM descriptors http://confluence.alauda.cn/display/cp/OLM+Descriptor

类型

`object`

必填

`path` `x-descriptors`

属性	类型	描述
`description`	`string`	Description is the description of the descriptor
`displayName`	`string`	DisplayName is the display name of the descriptor
`path`	`string`	Path is the path of the descriptor
`x-descriptors`	`array`	X-Descriptors is the list of descriptors

.spec.deployDescriptors[].x-descriptors

描述

X-Descriptors is the list of descriptors

类型

`array`

.spec.deployDescriptors[].x-descriptors[]

类型

`string`

.spec.description

描述

Description is the description of the module.

类型

`object`

属性	类型	描述
`en`	`string`	En is the English description
`zh`	`string`	Zh is the Chinese description

.spec.editDescriptors

描述

EditDescriptors is the descriptors of the module for edit.

类型

`array`

.spec.editDescriptors[]

描述

Descriptors defines OLM descriptors
http://confluence.alauda.cn/display/cp/OLM+Descriptor

类型

`object`

必填

`path` `x-descriptors`

属性	类型	描述
`description`	`string`	Description is the description of the descriptor
`displayName`	`string`	DisplayName is the display name of the descriptor
`path`	`string`	Path is the path of the descriptor
`x-descriptors`	`array`	X-Descriptors is the list of descriptors

.spec.editDescriptors[].x-descriptors

描述

X-Descriptors is the list of descriptors

类型

`array`

.spec.editDescriptors[].x-descriptors[]

类型

`string`

.spec.pluginDependencies

描述

PluginDependencies define the plugins dependent relationship

类型

`object`

属性	类型	描述
`crossCluster`	`object`	

.spec.pluginDependencies.crossCluster

类型

`object`

属性	类型	描述
`oneOf`	`array`	

.spec.pluginDependencies.crossCluster.oneOf

类型

`array`

.spec.pluginDependencies.crossCluster.oneOf[]

类型

`object`

必填

`clusterName` `pluginName`

属性	类型	描述
`clusterName`	`string`	
`pluginName`	`string`	

.spec.resourcesBlockRemove

描述

ResourcesBlockRemove stands for the resources reference with can block remove this plugin, all of theses resources must be deleted before you can remove this plugin.

类型

`array`

.spec.resourcesBlockRemove[]

描述

ResourceReference defines the resource reference

类型

`object`

属性	类型	描述
`apiVersion`	`string`	API version of the referent.
`kind`	`string`	Kind of the referent.
`name`	`string`	Name of the referent.
`namespace`	`string`	Namespace of the referent.

.spec.targetClusterVersions

描述

TargetClusterVersions is the target clusters of the module.

类型

`array`

.spec.targetClusterVersions[]

类型

`string`

.spec.uiContext

描述

UIContext is the additional attributes for module config.

类型

`object`

属性	类型	描述
`sizeSettings`	`object`	SizeSettings defines a list of size config

.spec.uiContext.sizeSettings

描述

SizeSettings defines a list of size config

类型

`object`

属性	类型	描述
`default`	`string`	Default is name for default size

属性	类型	描述
`quotaTip`	`object`	QuotaTip is quota tip
`sizes`	`array`	Sizes defines a list of size config

.spec.uiContext.sizeSettings.quotaTip

描述

QuotaTip is quota tip

类型

`object`

属性	类型	描述
`en`	`string`	En is the English text
`zh`	`string`	Zh is the Chinese text

.spec.uiContext.sizeSettings.sizes

描述

Sizes defines a list of size config

类型

`array`

.spec.uiContext.sizeSettings.sizes[]

描述

SizeConfig defines a list of components config

类型

`object`

必填

`components` `description` `name` `size`

属性	类型	描述
`components`	`object`	Components defines a list of component config
`description`	`object`	Description defines description for this size config
`name`	`object`	Name defines name for this size config
`size`	`string`	Size is name for this config

.spec.uiContext.sizeSettings.sizes[].components

描述

Components defines a list of component config

类型

`object`

.spec.uiContext.sizeSettings.sizes[].description

描述

Description defines description for this size config

类型

`object`

属性	类型	描述
`en`	`string`	En is the English text
`zh`	`string`	Zh is the Chinese text

.spec.uiContext.sizeSettings.sizes[].name

描述

Name defines name for this size config

类型

`object`

属性	类型	描述
`en`	`string`	En is the English text
`zh`	`string`	Zh is the Chinese text

.spec.upgradeBefore

描述

UpgradeBefore stands for need upgrade before these mouldes

类型

`array`

.spec.upgradeBefore[]

描述

ModuleRef defines the reference for the module

类型

`object`

必填

`moduleName`

属性	类型	描述
`moduleName`	`string`	ModuleName stands for the dependent module's name

.spec.upgradeDescriptors

描述

UpgradeDescriptors is the descriptors of the module for upgrade.

类型

`array`

.spec.upgradeDescriptors[]

描述

Descriptors defines OLM descriptors
http://confluence.alauda.cn/display/cp/OLM+Descriptor

类型

`object`

必填

`path` `x-descriptors`

属性	类型	描述
`description`	`string`	Description is the description of the descriptor
`displayName`	`string`	DisplayName is the display name of the descriptor
`path`	`string`	Path is the path of the descriptor
`x-descriptors`	`array`	X-Descriptors is the list of descriptors

.spec.upgradeDescriptors[].x-descriptors

描述

X-Descriptors is the list of descriptors

类型

`array`

.spec.upgradeDescriptors[].x-descriptors[]

类型

`string`

.spec.valuesTemplates

描述

ValuesTemplates is the values templates of the module.

类型

`object`

.status

描述

ModulePluginStatus defines the observed state of ModulePlugin

类型

`object`

属性	类型	描述
`conditions`	`array`	conditions is the conditions on this plugin
`installed`	`array`	installed are the installed instances of this plugin
`latestVersion`	`string`	latestVersion is the latest version of the ModuleConfig
`moduleConfigs`	`array`	moduleConfigs is the module config versions of the ModulePlugin
`specHash`	`string`	SpecHash is the hash of the spec
`targetClusterVersions`	`object`	targetClusterVersions is the target cluster versions of the ModuleConfig

.status.conditions

描述

conditions is the conditions on this plugin

类型

`array`

.status.conditions[]

描述

Condition contains details for one aspect of the current state of this API Resource. --- This struct is intended for direct use as an array at the field path .status.conditions. For example, type FooStatus struct{ // Represents the observations of a foo's current state. // Known .status.conditions.type are: "Available", "Progressing", and "Degraded" // +patchMergeKey=type // +patchStrategy=merge // +listType=map // +listMapKey=type Conditions []metav1.Condition `json:"conditions,omitempty" patchStrategy:"merge" patchMergeKey:"type" protobuf:"bytes,1,rep,name=conditions"` // other fields }

类型

`object`

必填

`lastTransitionTime` `message` `reason` `status` `type`

属性	类型	描述
`lastTransitionTime`	`string`	lastTransitionTime is the last time the condition transitioned from one status to another. This should be when the underlying condition changed. If that is not known, then using the time when the API field changed is acceptable.
`message`	`string`	message is a human readable message indicating details about the transition. This may be an empty string.

属性	类型	描述
`observedGeneration`	`integer`	observedGeneration represents the .metadata.generation that the condition was set based upon. For instance, if .metadata.generation is currently 12, but the .status.conditions[x].observedGeneration is 9, the condition is out of date with respect to the current state of the instance.
`reason`	`string`	reason contains a programmatic identifier indicating the reason for the condition's last transition. Producers of specific condition types may define expected values and meanings for this field, and whether the values are considered a guaranteed API. The value should be a CamelCase string. This field may not be empty.
`status`	`string`	status of the condition, one of True, False, Unknown.
`type`	`string`	type of condition in CamelCase or in foo.example.com/CamelCase. --- Many .condition.type values are consistent across resources like Available, but because arbitrary conditions can be useful (see .node.status.conditions), the ability to deconflict is important. The regex it matches is (dns1123SubdomainFmt/)?(qualifiedNameFmt)

.status.installed

描述

installed are the installed instances of this plugin

类型

`array`

.status.installed[]

描述

InstalledPlugin defines the installed plugin's info

类型

`object`

必填

`cluster` `name` `phase` `version`

属性	类型	描述
`cluster`	`string`	
`name`	`string`	
`phase`	`string`	
`version`	`string`	

.status.moduleConfigs

描述

moduleConfigs is the module config versions of the ModulePlugin

类型

`array`

.status.moduleConfigs[]

描述

ModuleConfigStatus defines the module config of the plugin

类型

`object`

必填

`name` `readyForDeploy` `targetClusterVersions` `version`

属性	类型	描述
`affinity`	`object`	Affinity is the affinity of the plugin
`name`	`string`	Name is the name of the module config
`readyForDeploy`	`boolean`	ReadyForDeploy indicates whether the module is ready for deployment.
`targetClusterVersions`	`array`	TargetClusterVersions is the target cluster versions of the module config
`version`	`string`	Version is the version of the module config

.status.moduleConfigs[].affinity

描述

Affinity is the affinity of the plugin

类型

`object`

属性	类型	描述
`clusterAffinity`	`object`	ClusterAffinity defines the cluster affinity
`clusterAntiAffinity`	`object`	ClusterAntiAffinity defines the cluster anti-affinity
`pluginAntiAffinity`	`array`	PluginAntiAffinity defines the plugin anti-affinity

.status.moduleConfigs[].affinity.clusterAffinity

描述

ClusterAffinity defines the cluster affinity

类型

`object`

属性	类型	描述
`matchExpressions`	`array`	MatchExpressions is the list of match expressions
`matchLabels`	`object`	MatchLabels is the cluster selector

.status.moduleConfigs[].affinity.clusterAffinity.matchExpressions

描述

MatchExpressions is the list of match expressions

类型

`array`

.status.moduleConfigs[].affinity.clusterAffinity.matchExpressions[]

描述

A node selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

类型

`object`

必填

`key` `operator`

属性	类型	描述
`key`	`string`	The label key that the selector applies to.
`operator`	`string`	Represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists, DoesNotExist. Gt, and Lt.
`values`	`array`	An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

.status.moduleConfigs[].affinity.clusterAffinity.matchExpressions[].values

描述

An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

类型

`array`

.status.moduleConfigs[].affinity.clusterAffinity.matchExpressions[].values[]

类型

`string`

.status.moduleConfigs[].affinity.clusterAffinity.matchLabels

描述

MatchLabels is the cluster selector

类型

`object`

.status.moduleConfigs[].affinity.clusterAntiAffinity

描述

ClusterAntiAffinity defines the cluster anti-affinity

类型

`object`

属性	类型	描述
`matchExpressions`	`array`	MatchExpressions is the list of match expressions
`matchLabels`	`object`	MatchLabels is the cluster selector

.status.moduleConfigs[].affinity.clusterAntiAffinity.matchExpressions

描述

MatchExpressions is the list of match expressions

类型

`array`

.status.moduleConfigs[].affinity.clusterAntiAffinity.matchExpressions[]

描述

A node selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

类型

`object`

必填

`key` `operator`

属性	类型	描述
`key`	`string`	The label key that the selector applies to.

属性	类型	描述
`operator`	`string`	Represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists, DoesNotExist. Gt, and Lt.
`values`	`array`	An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

.status.moduleConfigs[].affinity.clusterAntiAffinity.matchExpressions[].values

描述

An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

类型

`array`

.status.moduleConfigs[].affinity.clusterAntiAffinity.matchExpressions[].values[]

类型

`string`

.status.moduleConfigs[].affinity.clusterAntiAffinity.matchLabels

描述

MatchLabels is the cluster selector

类型

`object`

.status.moduleConfigs[].affinity.pluginAntiAffinity

描述

PluginAntiAffinity defines the plugin anti-affinity

类型

`array`

.status.moduleConfigs[].affinity.pluginAntiAffinity[]

类型

`string`

.status.moduleConfigs[].targetClusterVersions

描述

TargetClusterVersions is the target cluster versions of the module config

类型

`array`

.status.moduleConfigs[].targetClusterVersions[]

类型

`string`

.status.targetClusterVersions

描述

targetClusterVersions is the target cluster versions of the ModuleConfig

类型

`object`

API 端点

可用的 API 端点如下：

- `/apis/cluster.alauda.io/v1alpha1/moduleplugins`
  - `DELETE`: delete collection of ModulePlugin
  - `GET`: list objects of kind ModulePlugin
  - `POST`: create a new ModulePlugin
- `/apis/cluster.alauda.io/v1alpha1/moduleplugins/{name}`
  - `DELETE`: delete the specified ModulePlugin
  - `GET`: read the specified ModulePlugin
  - `PATCH`: partially update the specified ModulePlugin
  - `PUT`: replace the specified ModulePlugin
- `/apis/cluster.alauda.io/v1alpha1/moduleplugins/{name}/status`
  - `GET`: read status of the specified ModulePlugin
  - `PATCH`: partially update status of the specified ModulePlugin
  - `PUT`: replace status of the specified ModulePlugin

/apis/cluster.alauda.io/v1alpha1/moduleplugins

HTTP 方法

`DELETE`

描述

delete collection of ModulePlugin

HTTP 响应

HTTP 状态码	响应体
200 - OK	`Status` schema
401 - Unauthorized	Empty

HTTP 方法

`GET`

描述

list objects of kind ModulePlugin

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModulePluginList` schema
401 - Unauthorized	Empty

HTTP 方法

`POST`

描述

create a new ModulePlugin

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed

参数	类型	描述
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

请求体参数

参数	类型	描述
`body`	`ModulePlugin` schema	`application/json` formatted

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModulePlugin` schema
201 - Created	`ModulePlugin` schema
202 - Accepted	`ModulePlugin` schema
401 - Unauthorized	Empty

/apis/cluster.alauda.io/v1alpha1/moduleplugins/{name}

HTTP 方法

`DELETE`

描述

delete the specified ModulePlugin

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed

HTTP 响应

HTTP 状态码	响应体
200 - OK	`Status` schema
202 - Accepted	`Status` schema
401 - Unauthorized	Empty

HTTP 方法

`GET`

描述

read the specified ModulePlugin

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModulePlugin` schema
401 - Unauthorized	Empty

HTTP 方法

`PATCH`

描述

partially update the specified ModulePlugin

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModulePlugin` schema
401 - Unauthorized	Empty

HTTP 方法

`PUT`

描述

replace the specified ModulePlugin

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

请求体参数

参数	类型	描述
`body`	`ModulePlugin` schema	`application/json` formatted

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModulePlugin` schema
201 - Created	`ModulePlugin` schema
401 - Unauthorized	Empty

/apis/cluster.alauda.io/v1alpha1/moduleplugins/{name}/status

HTTP 方法

`GET`

描述

read status of the specified ModulePlugin

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModulePlugin` schema
401 - Unauthorized	Empty

HTTP 方法

`PATCH`

描述

partially update status of the specified ModulePlugin

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun

参数	类型	描述
		directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModulePlugin` schema
401 - Unauthorized	Empty

HTTP 方法

`PUT`

描述

replace status of the specified ModulePlugin

查询参数

参数	类型	描述
`dryRun`	`string`	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
`fieldValidation`	`string`	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

请求体参数

参数	类型	描述
`body`	`ModulePlugin` schema	`application/json` formatted

HTTP 响应

HTTP 状态码	响应体
200 - OK	`ModulePlugin` schema
201 - Created	`ModulePlugin` schema

HTTP 状态码	响应体
401 - Unauthorized	Empty