

Deployit UDM CI Reference

Version 3.8.1

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CI Reference

Configuration Item Overview

Deployables

CI	Description
udm.BaseDeployable	The supertype of all Deployables
udm.BaseDeployableArchiveArtifact	An archive artifact that can be deployed
udm.BaseDeployableArtifact	The supertype of all DeployableArtifacts
udm.BaseDeployableFileArtifact	A file artifact that can be deployed
udm.BaseDeployableFolderArtifact	A folder artifact that can be deployed

Deployeds

CI	Description
udm.BaseDeployed	The supertype of all Deployeds
udm.BaseDeployedArtifact	The supertype of all DeployedArtifacts

Containers

CI	Description
udm.BaseContainer	The supertype of all Containers

Other Configuration Items

CI	Description
udm.Application	An application
udm.BaseConfigurationItem	Default implementation of a CI that provides ID, name and type information
udm.BaseContainer	The supertype of all Containers
udm.BaseDeployable	The supertype of all Deployables
udm.BaseDeployableArchiveArtifact	An archive artifact that can be deployed
udm.BaseDeployableArtifact	The supertype of all DeployableArtifacts
udm.BaseDeployableFileArtifact	A file artifact that can be deployed
udm.BaseDeployableFolderArtifact	A folder artifact that can be deployed
udm.BaseDeployed	The supertype of all Deployeds
udm.BaseDeployedArtifact	The supertype of all DeployedArtifacts
udm.CompositePackage	A container of DeploymentPackages that is a DeploymentPackage itself
udm.Configuration	Contains deployment configuration information
udm.DeployedApplication	A deployment of an application package or a deployable artifact to a middleware CI or an environment
udm.DeploymentPackage	A package of a certain version of an application
udm.Dictionary	A Dictionary contains key-value pairs that can be replaced
udm.EncryptedDictionary	An EncryptedDictionary contains keys and encrypted values that can be replaced
udm.Environment	Groups infrastructure CIs and dictionaries and serves as a target for deployment
udm.Version	A version of an application

Configuration Item Details

udm.Application

Type Hierarchy [udm.BaseConfigurationItem](#)

Interfaces [udm.ConfigurationItem](#)

An application. Each version of the application is a separate package.

udm.BaseConfigurationItem

Default implementation of a CI that provides ID, name and type information.

udm.BaseContainer**Virtual Type****Type Hierarchy** [udm.BaseConfigurationItem](#)**Interfaces** [udm.Taggable](#), [udm.ConfigurationItem](#), [udm.Container](#)

The supertype of all Containers.

Public Properties**tags** : [SET_OF_STRING](#)

If set, only deployables with the same tag will be automatically mapped to this container.

udm.BaseDeployable**Virtual Type****Type Hierarchy** [udm.BaseConfigurationItem](#)**Interfaces** [udm.Taggable](#), [udm.Deployable](#), [udm.ConfigurationItem](#)

The supertype of all Deployables.

Public Properties**tags** : [SET_OF_STRING](#)

If set, this deployable will only be mapped automatically to containers with the same tag.

udm.BaseDeployableArchiveArtifact**Virtual Type****Type Hierarchy** [udm.BaseDeployableFileArtifact](#) >> [udm.BaseDeployableArtifact](#) >> [udm.BaseDeployable](#) >> [udm.BaseConfigurationItem](#)**Interfaces** [udm.Taggable](#), [udm.Deployable](#), [udm.SourceArtifact](#), [udm.ArchiveArtifact](#), [udm.Artifact](#), [udm.DeployableArtifact](#), [udm.ConfigurationItem](#), [udm.FileArtifact](#)

An archive artifact that can be deployed

Public Properties**excludeFileNamesRegex** : [STRING](#)

Regular expression that matches file names that must be excluded from scanning

placeholders : [SET_OF_STRING](#)

Placeholders detected in this artifact

scanPlaceholders : [BOOLEAN](#) = [false](#)

Whether to scan this artifact for placeholders when it is imported

tags : [SET_OF_STRING](#)

If set, this deployable will only be mapped automatically to containers with the same tag.

Hidden Properties

* **textFileNamesRegex** : [STRING](#) = [.+\. \(cfg | conf | config | ini | properties | props | txt | asp | aspx | htm | html | jsf | jsp | xht | xhtml | sql | xml | xsd | xsl | xslt\)](#)

Regular expression that matches file names of text files

udm.BaseDeployableArtifact**Virtual Type****Type Hierarchy** [udm.BaseDeployable](#) >> [udm.BaseConfigurationItem](#)**Interfaces** [udm.Taggable](#), [udm.Deployable](#), [udm.SourceArtifact](#), [udm.Artifact](#), [udm.DeployableArtifact](#), [udm.ConfigurationItem](#)

The supertype of all DeployableArtifacts.

Public Properties	
excludeFileNamesRegex :	STRING Regular expression that matches file names that must be excluded from scanning
placeholders :	SET_OF_STRING Placeholders detected in this artifact
scanPlaceholders :	BOOLEAN = true Whether to scan this artifact for placeholders when it is imported
tags :	SET_OF_STRING If set, this deployable will only be mapped automatically to containers with the same tag.
Hidden Properties	
* textFileNamesRegex :	STRING = .+\.cfg conf config ini properties props txt asp aspx htm html jsf jsp xht xhtml sql xml xsd xsl xslt) Regular expression that matches file names of text files

udm.BaseDeployableFileArtifact

Virtual Type

Type Hierarchy [udm.BaseDeployableArtifact](#) >> [udm.BaseDeployable](#) >> [udm.BaseConfigurationItem](#)

Interfaces [udm.Taggable](#), [udm.Deployable](#), [udm.SourceArtifact](#), [udm.Artifact](#), [udm.DeployableArtifact](#), [udm.ConfigurationItem](#), [udm.FileArtifact](#)

A file artifact that can be deployed

Public Properties	
excludeFileNamesRegex :	STRING Regular expression that matches file names that must be excluded from scanning
placeholders :	SET_OF_STRING Placeholders detected in this artifact
scanPlaceholders :	BOOLEAN = true Whether to scan this artifact for placeholders when it is imported
tags :	SET_OF_STRING If set, this deployable will only be mapped automatically to containers with the same tag.
Hidden Properties	
* textFileNamesRegex :	STRING = .+\.cfg conf config ini properties props txt asp aspx htm html jsf jsp xht xhtml sql xml xsd xsl xslt) Regular expression that matches file names of text files

udm.BaseDeployableFolderArtifact

Virtual Type

Type Hierarchy [udm.BaseDeployableArtifact](#) >> [udm.BaseDeployable](#) >> [udm.BaseConfigurationItem](#)

Interfaces [udm.Taggable](#), [udm.Deployable](#), [udm.SourceArtifact](#), [udm.Artifact](#), [udm.DeployableArtifact](#), [udm.ConfigurationItem](#), [udm.FolderArtifact](#)

A folder artifact that can be deployed

Public Properties	
excludeFileNamesRegex :	STRING Regular expression that matches file names that must be excluded from scanning
placeholders :	SET_OF_STRING Placeholders detected in this artifact
scanPlaceholders :	BOOLEAN = true Whether to scan this artifact for placeholders when it is imported
tags :	SET_OF_STRING If set, this deployable will only be mapped automatically to containers with the same tag.
Hidden Properties	
* textFileNamesRegex :	STRING = .+\.cfg conf config ini properties props txt asp aspx htm html jsf jsp xht xhtml sql xml xsd xsl xslt) Regular expression that matches file names of text files

udm.BaseDeployed

Virtual Type
Type Hierarchy [udm.BaseConfigurationItem](#)
Interfaces [udm.Deployed](#), [udm.ConfigurationItem](#)

The supertype of all Deployeds.

Parent	
* container : CI<udm.Container>	The container on which this deployed runs.
Public Properties	
deployable : CI<udm.Deployable>	The deployable that this deployed is derived from.

udm.BaseDeployedArtifact

Virtual Type
Type Hierarchy [udm.BaseDeployed](#) >> [udm.BaseConfigurationItem](#)
Interfaces [udm.Artifact](#), [udm.Deployed](#), [udm.ConfigurationItem](#), [udm.DerivedArtifact](#)

The supertype of all DeployedArtifacts.

Parent	
* container : CI<udm.Container>	The container on which this deployed runs.
Public Properties	
deployable : CI<udm.Deployable>	The deployable that this deployed is derived from.
placeholders : MAP_STRING_STRING	A Map containing all the placeholders mapped to their values. Special values are <ignore> or <empty>

udm.CompositePackage

Type Hierarchy [udm.Version](#) >> [udm.BaseConfigurationItem](#)
Interfaces [udm.ConfigurationItem](#)

A container of DeploymentPackages that is a DeploymentPackage itself.

Parent	
* application : CI<udm.Application >	The application this version belongs to.
Public Properties	
packages : LIST_OF_CI<udm.Version >	The DeploymentPackages that make up this CompositePackage.

udm.Configuration

Virtual Type
Type Hierarchy [udm.BaseConfigurationItem](#)
Interfaces [udm.ConfigurationItem](#)

Contains deployment configuration information

udm.DeployedApplication

Type Hierarchy [udm.BaseConfigurationItem](#)
Interfaces [udm.ConfigurationItem](#)

A deployment of an application package or a deployable artifact to a middleware CI or an environment.

Parent	
* environment : CI<udm.Environment >	Environment

Public Properties	
* deployeds : SET_OF_CI<udm.Deployed>	The deployed items that have been deployed to the environment
* orchestrator : STRING = default	The orchestrator that is used to deploy the application
* version : CI<udm.Version >	The package that has been deployed to the environment

udm.DeploymentPackage

Type Hierarchy [udm.Version](#) >> [udm.BaseConfigurationItem](#)

Interfaces [udm.ConfigurationItem](#)

A package of a certain version of an application. Groups all deployable artifact CIs for an application for a certain version. Is contained by the Application CI.

Parent	
* application : CI<udm.Application >	The application this version belongs to.
Children	
* deployables : SET_OF_CI<udm.Deployable>	The set of deployables that are part of this package

udm.Dictionary

Type Hierarchy [udm.BaseConfigurationItem](#)

Interfaces [udm.ConfigurationItem](#)

A Dictionary contains key-value pairs that can be replaced

Public Properties	
entries : MAP_STRING_STRING	The dictionary entries

udm.EncryptedDictionary

Type Hierarchy [udm.Dictionary](#) >> [udm.BaseConfigurationItem](#)

Interfaces [udm.ConfigurationItem](#)

An EncryptedDictionary contains keys and encrypted values that can be replaced. Values are encrypted when they are stored and decrypted before being used.

Public Properties	
entries : MAP_STRING_STRING	The dictionary entries

udm.Environment

Type Hierarchy [udm.BaseConfigurationItem](#)

Interfaces [udm.ConfigurationItem](#)

Groups infrastructure CIs and dictionaries and serves as a target for deployment.

Public Properties	
dictionaries : LIST_OF_CI<udm.Dictionary >	The dictionaries providing placeholder values. If the same entry exists in multiple dictionaries, the first one in the list is taken.
members : SET_OF_CI<udm.Container>	The infrastructure components of this Environment

udm.Version

Virtual Type

Type Hierarchy [udm.BaseConfigurationItem](#)

Interfaces [udm.ConfigurationItem](#)

A version of an application .

