

Deployit UDM CI Reference

Version 3.9.2

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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.BaseEmbeddedDeployable	Description unavailable
udm.BaseEmbeddedDeployed	Description unavailable
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.Parameters	Default implementation of a CI that provides ID, name and type information
udm.Version	A version of an application

Configuration Item Details

udm.Application

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

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

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

checksum : STRING

The checksum used to detect differences on the artifact. If not provided, it will be calculated by Deployit.

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

delimiters : STRING = {{ }}

The delimiters used indicate placeholders, defaults to '{{ }}'. This is a 5 character string with a space in the middle, the first two are the leading delimiter, the last two are the closing delimiter

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	
checksum : STRING	The checksum used to detect differences on the artifact. If not provided, it will be calculated by Deployit.
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
delimiters : STRING = {{ }}	The delimiters used indicate placeholders, defaults to '{{ }}'. This is a 5 character string with a space in the middle, the first two are the leading delimiter, the last two are the closing delimiter

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	
checksum : STRING	The checksum used to detect differences on the artifact. If not provided, it will be calculated by Deployit.
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
delimiters : STRING = {{ }}	The delimiters used indicate placeholders, defaults to '{{ }}'. This is a 5 character string with a space in the middle, the first two are the leading delimiter, the last two are the closing delimiter

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
checksum : STRING The checksum used to detect differences on the artifact. If not provided, it will be calculated by Deployit.
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
delimiters : STRING = {{ }} The delimiters used indicate placeholders, defaults to '{{ }}'. This is a 5 character string with a space in the middle, the first two are the leading delimiter, the last two are the closing delimiter

udm.BaseDeployed

Virtual Type

Interfaces udm.EmbeddedDeployedContainer, 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.EmbeddedDeployedContainer, 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.BaseEmbeddedDeployable

Virtual Type

Interfaces udm.ConfigurationItem, udm.EmbeddedDeployable

Description unavailable

udm.BaseEmbeddedDeployed

Virtual Type

Interfaces udm.EmbeddedDeployedContainer, udm.ConfigurationItem, udm.EmbeddedDeployed

Description unavailable

Parent
* container : CI<udm.EmbeddedDeployedContainer> The (embedded) deployed which contains this embedded deployed.
Public Properties
deployable : CI<udm.EmbeddedDeployable> The embedded deployable that this embedded deployed is derived from.

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

Interfaces [udm.ConfigurationItem](#)

Contains deployment configuration information

udm.DeployedApplication

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
* deployed : 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

Interfaces [udm.ConfigurationItem](#)

A Dictionary contains key-value pairs that can be replaced

Public Properties
entries : <code>MAP_STRING_STRING</code> The dictionary entries
restrictToApplications : <code>SET_OF_CI<udm.Application ></code> Only apply this dictionary to the applications mentioned
restrictToContainers : <code>SET_OF_CI<udm.Container></code> Only apply this dictionary to the containers mentioned

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 : <code>MAP_STRING_STRING</code> The dictionary entries
restrictToApplications : <code>SET_OF_CI<udm.Application ></code> Only apply this dictionary to the applications mentioned
restrictToContainers : <code>SET_OF_CI<udm.Container></code> Only apply this dictionary to the containers mentioned

udm.Environment

Interfaces `udm.ConfigurationItem`

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

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

udm.Parameters

Interfaces `udm.ConfigurationItem`

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

udm.Version

Virtual Type

Interfaces `udm.ConfigurationItem`

A version of an application .

Parent
* application : <code>CI<udm.Application ></code> The application this version belongs to.