

# Deployit UDM CI Reference

Version 3.9.1

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## CI Reference

### Configuration Item Overview

#### Deployables

CI	Description
<a href="#">udm.BaseDeployable</a>	The supertype of all Deployables
<a href="#">udm.BaseDeployableArchiveArtifact</a>	An archive artifact that can be deployed
<a href="#">udm.BaseDeployableArtifact</a>	The supertype of all DeployableArtifacts
<a href="#">udm.BaseDeployableFileArtifact</a>	A file artifact that can be deployed
<a href="#">udm.BaseDeployableFolderArtifact</a>	A folder artifact that can be deployed

#### Deployeds

CI	Description
<a href="#">udm.BaseDeployed</a>	The supertype of all Deployeds
<a href="#">udm.BaseDeployedArtifact</a>	The supertype of all DeployedArtifacts

#### Containers

CI	Description
<a href="#">udm.BaseContainer</a>	The supertype of all Containers

#### Other Configuration Items

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

## 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	
<b>checksum</b> : <b>STRING</b>	The checksum used to detect differences on the artifact. If not provided, it will be calculated by Deployit.
<b>excludeFileNamesRegex</b> : <b>STRING</b>	Regular expression that matches file names that must be excluded from scanning
<b>placeholders</b> : <b>SET_OF_STRING</b>	Placeholders detected in this artifact
<b>scanPlaceholders</b> : <b>BOOLEAN</b> = true	Whether to scan this artifact for placeholders when it is imported
<b>tags</b> : <b>SET_OF_STRING</b>	If set, this deployable will only be mapped automatically to containers with the same tag.
Hidden Properties	
* <b>textFileNamesRegex</b> : <b>STRING</b> = .+\. (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	
<b>checksum</b> : <b>STRING</b>	The checksum used to detect differences on the artifact. If not provided, it will be calculated by Deployit.
<b>excludeFileNamesRegex</b> : <b>STRING</b>	Regular expression that matches file names that must be excluded from scanning
<b>placeholders</b> : <b>SET_OF_STRING</b>	Placeholders detected in this artifact
<b>scanPlaceholders</b> : <b>BOOLEAN</b> = true	Whether to scan this artifact for placeholders when it is imported
<b>tags</b> : <b>SET_OF_STRING</b>	If set, this deployable will only be mapped automatically to containers with the same tag.
Hidden Properties	
* <b>textFileNamesRegex</b> : <b>STRING</b> = .+\. (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
<b>checksum</b> : <b>STRING</b> The checksum used to detect differences on the artifact. If not provided, it will be calculated by Deployit.
<b>excludeFileNamesRegex</b> : <b>STRING</b> Regular expression that matches file names that must be excluded from scanning
<b>placeholders</b> : <b>SET_OF_STRING</b> Placeholders detected in this artifact
<b>scanPlaceholders</b> : <b>BOOLEAN</b> = true Whether to scan this artifact for placeholders when it is imported
<b>tags</b> : <b>SET_OF_STRING</b> If set, this deployable will only be mapped automatically to containers with the same tag.
Hidden Properties
<b>* textFileNamesRegex</b> : <b>STRING</b> = .+\. (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

**Interfaces** udm.EmbeddedDeployedContainer, udm.Deployed, udm.ConfigurationItem

The supertype of all Deployeds.

Parent
<b>* container</b> : <b>CI</b> <udm.Container> The container on which this deployed runs.
Public Properties
<b>deployable</b> : <b>CI</b> <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
<b>* container</b> : <b>CI</b> <udm.Container> The container on which this deployed runs.
Public Properties
<b>deployable</b> : <b>CI</b> <udm.Deployable> The deployable that this deployed is derived from.
<b>placeholders</b> : <b>MAP_STRING_STRING</b> 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
<b>* container</b> : <a href="#">CI&lt;udm.EmbeddedDeployedContainer&gt;</a> The (embedded) deployed which contains this embedded deployed.
Public Properties
<b>deployable</b> : <a href="#">CI&lt;udm.EmbeddedDeployable&gt;</a> 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
<b>* application</b> : <a href="#">CI&lt;udm.Application &gt;</a> The application this version belongs to.
Public Properties
<b>packages</b> : <a href="#">LIST_OF_CI&lt;udm.Version &gt;</a> 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
<b>* environment</b> : <a href="#">CI&lt;udm.Environment &gt;</a> Environment
Public Properties
<b>* deployed</b> : <a href="#">SET_OF_CI&lt;udm.Deployed&gt;</a> The deployed items that have been deployed to the environment
<b>* orchestrator</b> : <a href="#">STRING = default</a> The orchestrator that is used to deploy the application
<b>* version</b> : <a href="#">CI&lt;udm.Version &gt;</a> 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
<b>* application</b> : <a href="#">CI&lt;udm.Application &gt;</a> The application this version belongs to.
Children
<b>* deployables</b> : <a href="#">SET_OF_CI&lt;udm.Deployable&gt;</a> 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
<b>entries</b> : <code>MAP_STRING_STRING</code> The dictionary entries
<b>restrictToApplications</b> : <code>SET_OF_CI&lt;udm.Application &gt;</code> Only apply this dictionary to the applications mentioned
<b>restrictToContainers</b> : <code>SET_OF_CI&lt;udm.Container&gt;</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
<b>entries</b> : <code>MAP_STRING_STRING</code> The dictionary entries
<b>restrictToApplications</b> : <code>SET_OF_CI&lt;udm.Application &gt;</code> Only apply this dictionary to the applications mentioned
<b>restrictToContainers</b> : <code>SET_OF_CI&lt;udm.Container&gt;</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
<b>dictionaries</b> : <code>LIST_OF_CI&lt;udm.Dictionary &gt;</code> The dictionaries providing placeholder values. If the same entry exists in multiple dictionaries, the first one in the list is taken.
<b>members</b> : <code>SET_OF_CI&lt;udm.Container&gt;</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
* <b>application</b> : <code>CI&lt;udm.Application &gt;</code> The application this version belongs to.