

# Deployit UDM CI Reference

Version 3.8.0

## Table of Contents

Table of Contents	2
CI Reference	3
Configuration Item Overview	3
Deployables	3
Deployeds	3
Containers	3
Other Configuration Items	3
Configuration Item Details	3
udm.Application	3
udm.BaseConfigurationItem	3
udm.BaseContainer	4
udm.BaseDeployable	4
udm.BaseDeployableArchiveArtifact	4
udm.BaseDeployableArtifact	4
udm.BaseDeployableFileArtifact	5
udm.BaseDeployableFolderArtifact	5
udm.BaseDeployed	5
udm.BaseDeployedArtifact	6
udm.CompositePackage	6
udm.Configuration	6
udm.DeployedApplication	6
udm.DeploymentPackage	7
udm.Dictionary	7
udm.EncryptedDictionary	7
udm.Environment	7
udm.Version	7

## 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.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.Version</a>	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	
<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>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>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**  
**Type Hierarchy** [udm.BaseConfigurationItem](#)  
**Interfaces** [udm.Deployed](#), [udm.ConfigurationItem](#)

The supertype of all Deployeds.

Parent	
<b>* container</b> : <a href="#">CI&lt;udm.Container&gt;</a>	The container on which this deployed runs.
Public Properties	
<b>deployable</b> : <a href="#">CI&lt;udm.Deployable&gt;</a>	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	
<b>* container</b> : <a href="#">CI&lt;udm.Container&gt;</a>	The container on which this deployed runs.
Public Properties	
<b>deployable</b> : <a href="#">CI&lt;udm.Deployable&gt;</a>	The deployable that this deployed is derived from.
<b>placeholders</b> : <a href="#">MAP_STRING_STRING</a>	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	
<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

**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	
<b>* environment</b> : <a href="#">CI&lt;udm.Environment &gt;</a>	Environment

Public Properties	
* <b>deployeds</b> : SET_OF_CI<udm.Deployed>	The deployed items that have been deployed to the environment
* <b>orchestrator</b> : STRING = default	The orchestrator that is used to deploy the application
* <b>version</b> : 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	
* <b>application</b> : CI<udm.Application >	The application this version belongs to.
Children	
* <b>deployables</b> : 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	
<b>entries</b> : 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	
<b>entries</b> : 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	
<b>dictionaries</b> : 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.
<b>members</b> : 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 .

