

# Deployit UDM CI Reference

Version 3.7.2

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# CI Reference

## Configuration Item Overview

### Topology Configuration Items

CI	Description
<a href="#">udm.Application</a>	An application
<a href="#">udm.CompositePackage</a>	Description unavailable
<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, i
<a href="#">udm.Dictionary</a>	A Dictionary contains key-value pairs that can be replaced
<a href="#">udm.Environment</a>	A group where middleware CI's can be added, can serve as a target for a deployment

### Virtual Deployable Configuration Items

CI	Description
<a href="#">udm.BaseDeployable</a>	Description unavailable
<a href="#">udm.BaseDeployableArchiveArtifact</a>	An archive artifact that can be deployed
<a href="#">udm.BaseDeployableArtifact</a>	Description unavailable
<a href="#">udm.BaseDeployableFileArtifact</a>	A file artifact that can be deployed
<a href="#">udm.BaseDeployableFolderArtifact</a>	A folder artifact that can be deployed

### Virtual Deployed Configuration Items

CI	Description
<a href="#">udm.BaseDeployed</a>	Description unavailable
<a href="#">udm.BaseDeployedArtifact</a>	Description unavailable

### Virtual Topology Configuration Items

CI	Description
<a href="#">udm.BaseConfigurationItem</a>	Description unavailable
<a href="#">udm.BaseContainer</a>	Description unavailable
<a href="#">udm.Version</a>	Description unavailable

## Configuration Item Details

### udm.Application

**Hierarchy** [udm.BaseConfigurationItem](#)

**Interfaces** [udm.ConfigurationItem](#)

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

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## udm.BaseConfigurationItem

Description unavailable

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## udm.BaseContainer

**Hierarchy** [udm.BaseConfigurationItem](#)

**Interfaces** [udm.Taggable](#), [udm.ConfigurationItem](#), [udm.Container](#)

Description unavailable

### Public Properties

**tags** : SET\_OF\_STRING

The tags to map deployables to containers.

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## udm.BaseDeployable

**Hierarchy** [udm.BaseConfigurationItem](#)

**Interfaces** [udm.Taggable](#), [udm.Deployable](#), [udm.ConfigurationItem](#)

Description unavailable

### Public Properties

**tags** : SET\_OF\_STRING

The tags to map deployables to containers.

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## udm.BaseDeployableArchiveArtifact

**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** = true

Scan Placeholders

**tags** : **SET\_OF\_STRING**

The tags to map deployables to containers.

**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

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

Description unavailable

**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

Scan Placeholders

**tags** : **SET\_OF\_STRING**

The tags to map deployables to containers.

**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

**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> : <code>STRING</code>
Regular expression that matches file names that must be excluded from scanning
<b>placeholders</b> : <code>SET_OF_STRING</code>
Placeholders detected in this artifact
<b>scanPlaceholders</b> : <code>BOOLEAN = true</code>
Scan Placeholders
<b>tags</b> : <code>SET_OF_STRING</code>
The tags to map deployables to containers.

Hidden Properties
<b>textFileNamesRegex</b> : <code>STRING = .+\. (cfg   conf   config   ini   properties   props   txt   asp   aspx   htm   html   jsf   jsp   xht   xhtml   sql   xml   xsd   xsl   xslt)</code>
Regular expression that matches file names of text files

## udm.BaseDeployableFolderArtifact

**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> : <code>STRING</code>
Regular expression that matches file names that must be excluded from scanning
<b>placeholders</b> : <code>SET_OF_STRING</code>
Placeholders detected in this artifact
<b>scanPlaceholders</b> : <code>BOOLEAN = true</code>
Scan Placeholders
<b>tags</b> : <code>SET_OF_STRING</code>
The tags to map deployables to containers.


Hidden Properties
<b>textFileNamesRegex</b> : <code>STRING = .+\. (cfg   conf   config   ini   properties   props   txt   asp   aspx   htm   html   jsf   jsp   xht   xhtml   sql   xml   xsd   xsl   xslt)</code>
Regular expression that matches file names of text files

## udm.BaseDeployed

**Hierarchy** [udm.BaseConfigurationItem](#)

**Interfaces** [udm.Deployed](#), [udm.ConfigurationItem](#)

Description unavailable


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

## udm.BaseDeployedArtifact

**Hierarchy** [udm.BaseDeployed](#) >> [udm.BaseConfigurationItem](#)

**Interfaces** [udm.Artifact](#), [udm.Deployed](#), [udm.ConfigurationItem](#), [udm.DerivedArtifact](#)

Description unavailable


Public Properties	
 <b>container</b>	: <a href="#">CI&lt;udm.Container&gt;</a>
The container on which this deployed runs.	
<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

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

**Interfaces** [udm.ConfigurationItem](#)

Description unavailable


Public Properties	
 <b>application</b>	: <a href="#">CI&lt;udm.Application&gt;</a>
The application the package is a part of.	
<b>packages</b>	: <a href="#">LIST_OF_CI&lt;udm.Version&gt;</a>
The DeploymentPackages that make up this CompositePackage.	

## udm.DeployedApplication

**Hierarchy** [udm.BaseConfigurationItem](#)

**Interfaces** [udm.ConfigurationItem](#)

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



Public Properties	
<b>deployeds</b> : SET_OF_CI<udm.Deployed>	
The deployed items that have been deployed to the environment	
 <b>environment</b> : CI<udm.Environment>	
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

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

**Interfaces** [udm.ConfigurationItem](#)

A package of a certain version of an application, i.e. a grouping of a number of deployable artifact CI's. Contains as its members all the application components that make it up. Is contained by the Application CI of which it supplies a version.

Public Properties	
 <b>application</b> : CI<udm.Application>	
The application the package is a part of.	
 <b>deployables</b> : SET_OF_CI<udm.Deployable>	
The set of deployables that are part of this package	

## udm.Dictionary

**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.Environment

**Hierarchy** [udm.BaseConfigurationItem](#)

**Interfaces** [udm.ConfigurationItem](#)

A group where middleware CI's can be added, can serve as a target for a deployment.


Public Properties
<b>dictionaries</b> : SET_OF_CI<udm.Dictionary>
Dictionaries
<b>members</b> : SET_OF_CI<udm.Container>
Members

## udm.Version

**Hierarchy** [udm.BaseConfigurationItem](#)

**Interfaces** [udm.ConfigurationItem](#)

Description unavailable

Public Properties
 <b>application</b> : CI<udm.Application>
The application the package is a part of.