

Common Annotations

Find here a reference and glossary of common annotations intrinsically supported by the CDS compiler and runtimes.

↳ *Learn more about the syntax of annotations.*

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General Purpose

Annotation	Description	Alternatives
<code>@title</code>		<code>Common.Label</code>
<code>@description</code>		<code>Core.Description</code>

Access Control

Annotation	Description
<code>@restrict</code>	see Authorization
<code>@requires</code>	see Authorization

Input Validation

Annotation	Description
<code>@readonly</code>	see Input Validation
<code>@mandatory</code>	see Input Validation
<code>@assert.target</code>	see Input Validation
<code>@assert.format</code>	see Input Validation
<code>@assert.range</code>	see Input Validation

Services / APIs

Annotation	Description
<code>@path</code>	see Services
<code>@impl</code>	see Reuse & Compose
<code>@odata.etag</code>	see Providing Services
<code>@cds.autoexpose</code>	see Providing Services
<code>@cds.api.ignore</code>	see OData

Annotation	Description
<code>@cds.query.limit</code>	see Providing Services
<code>@cds.localized</code>	see Localized Data
<code>@cds.valid.from/to</code>	see Temporal Data
<code>@cds.search</code>	see Search Capabilities

Persistence

Annotation	Description
<code>@cds.persistence.exists</code>	see Generating DDL Files
<code>@cds.persistence.table</code>	see Generating DDL Files
<code>@cds.persistence.skip</code>	see Generating DDL Files
<code>@cds.persistence.mock</code>	<i>false</i> excludes this entity from automatic mocking
<code>@cds.on.insert</code>	see Providing Services
<code>@cds.on.update</code>	see Providing Services
<code>@sql.prepend</code>	see Generating DDL Files
<code>@sql.append</code>	see Generating DDL Files

OData

↳ Learn more about **OData Annotations in CDS**.

Shortcuts:

Annotation	Description
<code>@ValueList.entity</code>	see Domain Modeling
<code>@odata.Type</code>	see OData
<code>@odata.MaxLength</code>	see OData
<code>@odata.Precision</code>	see OData
<code>@odata.Scale</code>	see OData
<code>@odata.singleton</code>	see OData

Intrinsically supported OData Annotations:

Annotation	Description
<code>@Core.Computed</code>	see Providing Services
<code>@Core.Immutable</code>	see Providing Services
<code>@Core.MediaType</code>	see Media Data
<code>@Core.IsMediaType</code>	see Media Data
<code>@Core.IsUrl</code>	see Media Data
<code>@Capabilities...</code>	see Fiori

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Last updated: 17/05/2025, 06:52

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