ABAP CDS - SAP Annotations

SAP annotations are annotations specified by SAP. When specified by SAP, an annotation must have the following:

- the name
- the possible values
- the structure consisting of subannotations
- the structure consisting of annotation arrays

SAP annotations are evaluated by SAP frameworks and can be one of the following two types: ABAP annotations or component annotations. ABAP annotations are evaluated when the object defined in the DDL source code is activated or when the object is used in the ABAP runtime environment. Component annotations, on the other hand, are evaluated by frameworks of other software components. An ABAP annotation can also be evaluated by other software components. Any application annotations that are not evaluated by a framework are ignored.

The following tables are a compilation of SAP annotations in the ABAP CDS DDL.

- Annotations for which the component "ABAP" is entered in the "Framework" column are evaluated as ABAP annotations by the ABAP runtime environment. The precise semantics of these annotations are described under the scope in question in the documentation.
- Annotations for which a different component is entered in the "Framework" column are component annotations. The component defines technical and semantic attributes of CDS objects required by specific software components, such as ODATA, UI, and Analytics. The documentation CDS Annotations describes the meaning of component annotations, which SAP component is evaluated by these annotations, and the permitted values for these annotations.

If square brackets [ ] are specified after a name in square brackets in the "Annotation" column, this means that the annotation before the square brackets is an annotation array and the element after the square brackets belongs to this element. The notation in the CDS source code compiles the elements in the square brackets. See Example.

- AbapCatalog-Annotations
- AccessControl-Annotations
- Analytics-Annotations
- AnalyticsDetails-Annotations
- ClientDependent-Annotations
- Consumption-Annotations
- DataAging-Annotations
- DefaultAggregation-Annotations
- EndUserText-Annotations
- EnterpriseSearch-Annotations
- Environment-Annotations
- Hierarchy-Annotations
- OData-Annotations
- ObjectModel-Annotations
- Search-Annotations
- SearchIndex-Annotations
- Semantics-Annotations
- UI-Annotations
- VDM-Annotations

AbapCatalog-Annotations

Annotation	Meaning	Scope	Framework
AbapCatalog.buffering.numberOfKeyFields	SAP buffering, number of key fields when buffering generic areas	View	ABAP
AbapCatalog.buffering.status	SAP buffering, enables and disables buffering	View	ABAP
AbapCatalog.buffering.type	SAP buffering, defines the buffering type	View	ABAP
AbapCatalog.compiler.compareFilter	CDS view, specifies how filter conditions are evaluated in path expressions	View	ABAP
AbapCatalog.preserveKey	see CDS Annotations	View	ABAP
AbapCatalog.sqlViewAppendName	CDS view extension, name of the append view	View Extension	ABAP
AbapCatalog.sqlViewName	CDS view, name of the database view	View	ABAP
AbapCatalog.viewEnhancementCategory[ ]	see CDS Annotations	View	ABAP

AccessControl-Annotations

Annotation	Meaning	Scope	Framework
AccessControl.authorizationCheck	CDS authorizations, controls the authorization check	Table Function View	ABAP, SADL

Analytics-Annotations

Annotation	Meaning	Scope	Framework
Analytics.dataCategory	see CDS Annotations	Table Function View	see CDS Annotations
Analytics.dataExtraction.enabled	see CDS Annotations	Table Function View	see CDS Annotations
Analytics.hidden	see CDS Annotations	Table Function View	see CDS Annotations
Analytics.planning.enabled	see CDS Annotations	Table Function View	see CDS Annotations
Analytics.query	see CDS Annotations	Table Function View	see CDS Annotations
Analytics.writeBack.className	see CDS Annotations	Table Function View	see CDS Annotations

AnalyticsDetails-Annotations

Annotation	Meaning	Scope	Framework
AnalyticsDetails.exceptionAggregationSteps[ ].exceptionAggregationBehavior	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.exceptionAggregationSteps[ ].exceptionAggregationElements[ ]	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.planning.disaggregation	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.planning.distribution	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.planning.distributionReference	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.planning.enabled	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.query.axis	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.query.decimals	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.query.displayHierarchy	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.query.formula	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.query.hierarchyBinding[ ].type	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.query.hierarchyBinding[ ].value	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.query.hierarchyBinding[ ].variableSequence	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.query.hierarchyInitialLevel	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.query.scaling	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.query.totals	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.query.variableSequence	see CDS Annotations	Element	see CDS Annotations
AnalyticsDetails.resultValueSource	see CDS Annotations	Element	see CDS Annotations

ClientDependent-Annotations

Annotation	Meaning	Scope	Framework
ClientDependent	Client dependency, specifies how clients are handled	Table Function View	ABAP

Consumption-Annotations

Annotation	Meaning	Scope	Framework
Consumption.defaultValue	Default value	Parameter	Global
Consumption.derivation.binding[ ].targetElement	Parameters using an entity or procedure	Element Parameter	Global
Consumption.derivation.binding[ ].targetParameter	Parameters using an entity or procedure	Element Parameter	Global
Consumption.derivation.binding[ ].type	Parameters using an entity or procedure	Element Parameter	Global

`Consumption.derivation.binding[ ].value`	Parameters using an entity or procedure	Element Parameter	Global
`Consumption.derivation.derivationFilter`	Parameters using an entity or procedure	Element Parameter	Global
`Consumption.derivation.lookupEntity`	Parameters using an entity or procedure	Element Parameter	Global
`Consumption.derivation.procedure`	Parameters using an entity or procedure	Element Parameter	Global
`Consumption.derivation.resultElement`	Parameters using an entity or procedure	Element Parameter	Global
`Consumption.filter.defaultValue`	Filters specified for an element	Element	Global
`Consumption.filter.hidden`	Filters specified for an element	Element	Global
`Consumption.filter.hierarchyBinding[ ].type`	Filters specified for an element	Element	Global
`Consumption.filter.hierarchyBinding[ ].value`	Filters specified for an element	Element	Global
`Consumption.filter.hierarchyBinding[ ].variableSequence`	Filters specified for an element	Element	Global
`Consumption.filter.mandatory`	Filters specified for an element	Element	Global
`Consumption.filter.multipleSelections`	Filters specified for an element	Element	Global
`Consumption.filter.selectionType`	Filters specified for an element	Element	Global
`Consumption.groupWithElement`	Semantic dependency between elements	Element	Global
`Consumption.hidden`	Hidden element	Element Parameter	Global
`Consumption.labelElement`	Assignment of the short text of an element	Element Parameter	Global
`Consumption.quickInfoElement`	Assignment of the tooltip of an element	Element Parameter	Global
`Consumption.semanticObject`	Assignment of semantics	Element Parameter Table Function View	Global
`Consumption.valueHelp`	Assignment of an input help	Element Parameter	Global

DataAging-Annotations

Annotation	Meaning	Scope	Framework
`DataAging.noAgingRestriction`	Data aging on SAP HANA, specifies how old data is handled	Table Function View	ABAP

DefaultAggregation-Annotations

Annotation	Meaning	Scope	Framework
`DefaultAggregation`	see CDS Annotations	Element	see CDS Annotations

EndUserText-Annotations

Annotation	Meaning	Scope	Framework
`EndUserText.label`	Texts, short text connected to translation	Element Parameter Table Function View	ABAP
`EndUserText.quickInfo`	Texts, tooltip connected to translation	Element Parameter	ABAP

EnterpriseSearch-Annotations

Annotation	Meaning	Scope	Framework
`EnterpriseSearch.commonAttributes[ ]`	-	Element	internal usage
`EnterpriseSearch.enabled`	-	Table Function View	internal usage
`EnterpriseSearch.expand`	-	Element	internal usage
`EnterpriseSearch.highlighted.beginTag`	-	Element	internal usage
`EnterpriseSearch.highlighted.enabled`	-	Element	internal usage
`EnterpriseSearch.highlighted.endTag`	-	Element	internal usage
`EnterpriseSearch.presentationMode[ ]`	-	Element	internal usage
`EnterpriseSearch.snippets.beginTag`	-	Element	internal usage
`EnterpriseSearch.snippets.enabled`	-	Element	internal usage
`EnterpriseSearch.snippets.endTag`	-	Element	internal usage
`EnterpriseSearch.usageMode[ ]`	-	Element	internal usage

Environment-Annotations

Annotation	Meaning	Scope	Framework
`Environment.sql.passValue`	see CDS Annotations	Element	ABAP
`Environment.systemField`	Environment, assigns an ABAP system field	Parameter	ABAP

Hierarchy-Annotations

Annotation	Meaning	Scope	Framework
`Hierarchy.parentChild[ ].directory`	see CDS Annotations	View	see CDS Annotations
`Hierarchy.parentChild[ ].label`	see CDS Annotations	View	see CDS Annotations
`Hierarchy.parentChild[ ].multipleParents`	see CDS Annotations	View	see CDS Annotations
`Hierarchy.parentChild[ ].name`	see CDS Annotations	View	see CDS Annotations
`Hierarchy.parentChild[ ].orphanedNode.handling`	see CDS Annotations	View	see CDS Annotations
`Hierarchy.parentChild[ ].orphanedNode.stepParentNodeId[ ]`	see CDS Annotations	View	see CDS Annotations
`Hierarchy.parentChild[ ].recurse.child[ ]`	see CDS Annotations	View	see CDS Annotations
`Hierarchy.parentChild[ ].recurse.parent[ ]`	see CDS Annotations	View	see CDS Annotations
`Hierarchy.parentChild[ ].recurseBy`	see CDS Annotations	View	see CDS Annotations
`Hierarchy.parentChild[ ].rootNode.visibility`	see CDS Annotations	View	see CDS Annotations
`Hierarchy.parentChild[ ].siblingsOrder[ ].by`	see CDS Annotations	View	see CDS Annotations
`Hierarchy.parentChild[ ].siblingsOrder[ ].direction`	see CDS Annotations	View	see CDS Annotations

OData-Annotations

Annotation	Meaning	Scope	Framework
`OData.publish`	OData, generates a suitable OData service when the CDS entity is activated	Table Function View	SADL

ObjectModel-Annotations

Annotation	Meaning	Scope	Framework
`ObjectModel.association.type[ ]`	Data model, specifies how published as OData service	Element	SADL
`ObjectModel.compositionRoot`	Data model, defines the root of a composite hierarchy	Table Function View	SADL
`ObjectModel.createEnabled`	Data model, permits instances to be created	Table Function View	SADL
`ObjectModel.dataCategory`	Data model, semantic data category	Table Function View	see CDS Annotations
`ObjectModel.deleteEnabled`	Data model, permits instances to be deleted	Table Function View	SADL
`ObjectModel.dynamicDeleteEnabled`	see CDS Annotations	Table Function View	see CDS Annotations
`ObjectModel.dynamicFieldControlEnabled`	see CDS Annotations	Element	see CDS Annotations
`ObjectModel.dynamicUpdateEnabled`	see CDS Annotations	Table Function View	see CDS Annotations
`ObjectModel.entityChangeStateId`	see CDS Annotations	Element	see CDS Annotations
`ObjectModel.foreignKey.association`	Data model, defines an association with another CDS entity	Element	SADL
`ObjectModel.hierarchy.association`	see CDS Annotations	Element	see CDS Annotations

Annotation	Meaning	Scope	Framework
`ObjectModel.lifecycle.enqueue.expiryBehavior`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`ObjectModel.lifecycle.enqueue.expiryInterval`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`ObjectModel.lifecycle.enqueue.notificationBeforeExpiryInterval`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`ObjectModel.lifecycle.processing.expiryBehavior`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`ObjectModel.lifecycle.processing.expiryInterval`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`ObjectModel.lifecycle.processing.notificationBeforeExpiryInterval`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`ObjectModel.mandatory`	Data model, defines a mandatory field	[Element](#)	BOPF, SADL
`ObjectModel.modelCategory`	Data model, semantic grouping	[Table Function View](#)	Not evaluated
`ObjectModel.readOnly`	Data model, defines an output field	[Element](#)	BOPF, SADL
`ObjectModel.representativeKey`	Data model, defines the most relevant field of the primary key	[Table Function View](#)	Analytics
`ObjectModel.semanticKey[ ]`	Data model, semantic key	[Table Function View](#)	UI
`ObjectModel.text.association`	Data model, defines an association with a text description	[Element](#)	Analytics, SADL
`ObjectModel.text.element[ ]`	Data model, joined with a non-language-dependent text	[Element](#)	SADL
`ObjectModel.type`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`ObjectModel.updateEnabled`	Data model, permits instances to be updated	[Table Function View](#)	SADL
`ObjectModel.writeActivePersistence`	Data model, name of the database table of the active data	[Table Function View](#)	see CDS Annotations
`ObjectModel.writeDraftPersistence`	Data model, name of the database table of the draft data	[Table Function View](#)	see CDS Annotations
`ObjectModel.writeEnabled`	Data model, makes transactional behavior possible	[Table Function View](#)	BOPF

Search-Annotations

Annotation	Meaning	Scope	Framework
`Search.defaultSearchElement`	-	[Element](#)	internal usage
`Search.fuzzinessThreshold`	-	[Element](#)	internal usage
`Search.ranking`	-	[Element](#)	internal usage
`Search.searchable`	-	[Table Function View](#)	internal usage
`Search.termMappingDictionary`	-	[Element](#)	internal usage
`Search.termMappingListID`	-	[Element](#)	internal usage

SearchIndex-Annotations

Annotation	Meaning	Scope	Framework
`SearchIndex.fuzzy.enabled`	-	[Element](#)	internal usage
`SearchIndex.fuzzy.mode`	-	[Element](#)	internal usage
`SearchIndex.text.async`	-	[Element](#)	internal usage
`SearchIndex.text.enabled`	-	[Element](#)	internal usage
`SearchIndex.text.name`	-	[Element](#)	internal usage
`SearchIndex.text.phraseIndexRatio`	-	[Element](#)	internal usage
`SearchIndex.text.storeOriginalContent`	-	[Element](#)	internal usage
`SearchIndex.text.textAnalysis.configurationID`	-	[Element](#)	internal usage
`SearchIndex.text.textAnalysis.languageDetection[ ]`	-	[Element](#)	internal usage
`SearchIndex.text.textAnalysis.languageElement`	-	[Element](#)	internal usage
`SearchIndex.text.textAnalysis.mimeType`	-	[Element](#)	internal usage
`SearchIndex.text.textAnalysis.mimeTypeElement`	-	[Element](#)	internal usage
`SearchIndex.text.textAnalysis.mode`	-	[Element](#)	internal usage
`SearchIndex.text.textAnalysis.tokenSeparators`	-	[Element](#)	internal usage

Semantics-Annotations

Annotation	Meaning	Scope	Framework
`Semantics.address.city`	Address, city	[Element Parameter](#)	see CDS Annotations
`Semantics.address.country`	Address, country	[Element Parameter](#)	see CDS Annotations
`Semantics.address.label`	Address, label	[Element Parameter](#)	see CDS Annotations
`Semantics.address.postBox`	Address, post office box	[Element Parameter](#)	see CDS Annotations
`Semantics.address.region`	Address, region	[Element Parameter](#)	see CDS Annotations
`Semantics.address.street`	Address, street	[Element Parameter](#)	see CDS Annotations
`Semantics.address.subRegion`	Address, subregion	[Element Parameter](#)	see CDS Annotations
`Semantics.address.type[ ]`	Address, type	[Element Parameter](#)	see CDS Annotations
`Semantics.address.zipCode`	Address, postal code	[Element Parameter](#)	see CDS Annotations
`Semantics.amount.currencyCode`	Currency field	[Element](#)	ABAP
`Semantics.businessDate.at`	Business date, date on which business data is valid	[Element Parameter](#)	see CDS Annotations
`Semantics.businessDate.createdAt`	Business data, date on which business data was created	[Element Parameter](#)	see CDS Annotations
`Semantics.businessDate.from`	Business date, date from which business data is valid	[Element Parameter](#)	see CDS Annotations
`Semantics.businessDate.lastChangedAt`	Business date, date on which business data was modified	[Element Parameter](#)	see CDS Annotations
`Semantics.businessDate.to`	Business date, date to which business data is valid	[Element Parameter](#)	see CDS Annotations
`Semantics.calendar.dayOfMonth`	Calendar, day of the month	[Element Parameter](#)	see CDS Annotations
`Semantics.calendar.dayOfYear`	Calendar, day of the year	[Element Parameter](#)	see CDS Annotations
`Semantics.calendar.month`	Calendar, month of the year	[Element Parameter](#)	see CDS Annotations
`Semantics.calendar.quarter`	Calendar, quarter of the year	[Element Parameter](#)	see CDS Annotations
`Semantics.calendar.week`	Calendar, week of the year	[Element Parameter](#)	see CDS Annotations
`Semantics.calendar.year`	Calendar, year	[Element Parameter](#)	see CDS Annotations
`Semantics.calendar.yearMonth`	Calendar, month of the year (including year)	[Element Parameter](#)	see CDS Annotations
`Semantics.calendar.yearQuarter`	Calendar, quarter of the year (including year)	[Element Parameter](#)	see CDS Annotations
`Semantics.calendar.yearWeek`	Calendar, week of the year (including year)	[Element Parameter](#)	see CDS Annotations
`Semantics.calendarItem.categories`	Calendar entry, appointment category	[Element Parameter](#)	see CDS Annotations
`Semantics.calendarItem.class`	Calendar entry, appointment class	[Element Parameter](#)	see CDS Annotations
`Semantics.calendarItem.completed`	Calendar entry, done	[Element Parameter](#)	see CDS Annotations
`Semantics.calendarItem.contact`	Calendar entry, contact	[Element Parameter](#)	see CDS Annotations
`Semantics.calendarItem.description`	Calendar entry, description	[Element Parameter](#)	see CDS Annotations
`Semantics.calendarItem.dtEnd`	Calendar entry, end of appointment	[Element Parameter](#)	see CDS Annotations

`Semantics.calendarItem.dtStart`	Calendar entry, start of appointment	Element Parameter	see CDS Annotations
`Semantics.calendarItem.due`	Calendar entry, due date	Element Parameter	see CDS Annotations
`Semantics.calendarItem.duration`	Calendar entry, duration of appointment	Element Parameter	see CDS Annotations
`Semantics.calendarItem.fbType`	Calendar entry, type of appointment	Element Parameter	see CDS Annotations
`Semantics.calendarItem.location`	Calendar entry, location of appointment	Element Parameter	see CDS Annotations
`Semantics.calendarItem.percentComplete`	Calendar entry, fulfillment (%)	Element Parameter	see CDS Annotations
`Semantics.calendarItem.priority`	Calendar entry, priority of appointment	Element Parameter	see CDS Annotations
`Semantics.calendarItem.status`	Calendar entry, appointment status	Element Parameter	see CDS Annotations
`Semantics.calendarItem.summary`	Calendar entry, summary	Element Parameter	see CDS Annotations
`Semantics.calendarItem.transparent`	Calendar entry, visibility	Element Parameter	see CDS Annotations
`Semantics.calendarItem.wholeDay`	Calendar entry, whole day appointment	Element Parameter	see CDS Annotations
`Semantics.contact.birthDate`	Contact, date of birth	Element Parameter	see CDS Annotations
`Semantics.contact.note`	Contact, note	Element Parameter	see CDS Annotations
`Semantics.contact.photo`	Contact, photo	Element Parameter	see CDS Annotations
`Semantics.contact.type`	Contact, type	Element Parameter	see CDS Annotations
`Semantics.currencyCode`	Currency key	Element	ABAP
`Semantics.eMail.address`	E-mail, address	Element Parameter	see CDS Annotations
`Semantics.eMail.bcc`	E-mail, BCC	Element Parameter	see CDS Annotations
`Semantics.eMail.body`	E-mail, body	Element Parameter	see CDS Annotations
`Semantics.eMail.cc`	E-mail, CC	Element Parameter	see CDS Annotations
`Semantics.eMail.from`	E-mail, from	Element Parameter	see CDS Annotations
`Semantics.eMail.keywords`	E-mail, key words	Element Parameter	see CDS Annotations
`Semantics.eMail.received`	E-mail, received	Element Parameter	see CDS Annotations
`Semantics.eMail.sender`	E-mail, sender	Element Parameter	see CDS Annotations
`Semantics.eMail.subject`	E-mail, subject	Element Parameter	see CDS Annotations
`Semantics.eMail.to`	E-mail, to	Element Parameter	see CDS Annotations
`Semantics.eMail.type[ ]`	E-mail, type	Element Parameter	see CDS Annotations
`Semantics.fiscal.period`	Fiscal period	Element Parameter	see CDS Annotations
`Semantics.fiscal.year`	Fiscal year	Element Parameter	see CDS Annotations
`Semantics.fiscal.yearPeriod`	Fiscal year and period	Element Parameter	see CDS Annotations
`Semantics.fiscal.yearVariant`	Fiscal year variant	Element Parameter	see CDS Annotations
`Semantics.geoLocation.cartoId`	Geographic coordinates, cartoId	Element Parameter	see CDS Annotations
`Semantics.geoLocation.latitude`	Geographic coordinates, latitude	Element Parameter	see CDS Annotations
`Semantics.geoLocation.longitude`	Geographic coordinates, longitude	Element Parameter	see CDS Annotations
`Semantics.geoLocation.normalizedName`	Geographic coordinates, normalized name	Element Parameter	see CDS Annotations
`Semantics.language`	Language	Element Parameter	see CDS Annotations
`Semantics.mimeType`	MIME type	Element Parameter	see CDS Annotations
`Semantics.name.additionalName`	Name, additional name	Element Parameter	see CDS Annotations
`Semantics.name.familyName`	Name, last name	Element Parameter	see CDS Annotations
`Semantics.name.fullName`	Name, full name	Element Parameter	see CDS Annotations
`Semantics.name.givenName`	Name, first name	Element Parameter	see CDS Annotations
`Semantics.name.jobTitle`	Name, occupation	Element Parameter	see CDS Annotations
`Semantics.name.nickName`	Name, nickname	Element Parameter	see CDS Annotations
`Semantics.name.prefix`	Name, name prefix	Element Parameter	see CDS Annotations
`Semantics.name.suffix`	Name, name suffix	Element Parameter	see CDS Annotations
`Semantics.organization.name`	Organization, name	Element Parameter	see CDS Annotations
`Semantics.organization.role`	Organization, role	Element Parameter	see CDS Annotations
`Semantics.organization.unit`	Organization, unit	Element Parameter	see CDS Annotations
`Semantics.quantity.unitOfMeasure`	Quantity field	Element	ABAP
`Semantics.systemDate.createdAt`	System date, date when business data was created	Element Parameter	see CDS Annotations
`Semantics.systemDate.lastChangedAt`	System date, date when business data was modified	Element Parameter	see CDS Annotations
`Semantics.telephone.type[ ]`	Telephone, type	Element Parameter	see CDS Annotations
`Semantics.text`	Text	Element Parameter	see CDS Annotations
`Semantics.time`	Time	Element Parameter	see CDS Annotations
`Semantics.unitOfMeasure`	Unit key	Element	ABAP
`Semantics.url.mimeType`	URL, MIME type	Element Parameter	see CDS Annotations
`Semantics.user.createdBy`	User, created by	Element Parameter	see CDS Annotations
`Semantics.user.id`	User, ID	Element Parameter	see CDS Annotations
`Semantics.user.lastChangedBy`	User, changed by	Element Parameter	see CDS Annotations
`Semantics.user.responsible`	User, owner	Element Parameter	see CDS Annotations

UI-Annotations

Annotation	Meaning	Scope	Framework
`UI.badge.headLine.criticality`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.headLine.iconUrl`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.headLine.label`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.headLine.targetElement`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.headLine.type`	see CDS Annotations	Table Function View	see CDS Annotations

Annotation			
`UI.badge.headLine.url`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.headLine.value`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.imageUrl`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.mainInfo.criticality`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.mainInfo.iconUrl`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.mainInfo.label`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.mainInfo.targetElement`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.mainInfo.type`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.mainInfo.url`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.mainInfo.value`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.secondaryInfo.criticality`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.secondaryInfo.iconUrl`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.secondaryInfo.label`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.secondaryInfo.targetElement`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.secondaryInfo.type`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.secondaryInfo.url`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.secondaryInfo.value`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.title.criticality`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.title.iconUrl`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.title.label`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.title.targetElement`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.title.type`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.title.url`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.title.value`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.badge.typeImageUrl`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.chart[ ].chartType`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.chart[ ].description`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.chart[ ].dimensions[ ]`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.chart[ ].measures[ ]`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.chart[ ].qualifier`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.chart[ ].title`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.dataPoint.criticality`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.criticalityCalculation.deviationRangeHighValue`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.criticalityCalculation.deviationRangeHighValueElement`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.criticalityCalculation.deviationRangeLowValue`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.criticalityCalculation.deviationRangeLowValueElement`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.criticalityCalculation.improvementDirection`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.criticalityCalculation.toleranceRangeHighValue`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.criticalityCalculation.toleranceRangeHighValueElement`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.criticalityCalculation.toleranceRangeLowValue`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.criticalityCalculation.toleranceRangeLowValueElement`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.description`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.longDescription`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.referencePeriod.description`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.referencePeriod.end`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.referencePeriod.start`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.responsible`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.responsibleName`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.targetValue`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.targetValueElement`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.title`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.trend`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.trendCalculation.downDifference`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.trendCalculation.downDifferenceElement`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.trendCalculation.isRelativeDifference`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.trendCalculation.referenceValue`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.trendCalculation.strongDownDifference`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.trendCalculation.strongDownDifferenceElement`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.trendCalculation.strongUpDifference`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.trendCalculation.strongUpDifferenceElement`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.trendCalculation.upDifference`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.trendCalculation.upDifferenceElement`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.valueFormat.numberOfFractionalDigits`	see CDS Annotations	Element	see CDS Annotations
`UI.dataPoint.valueFormat.scaleFactor`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].criticality`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].dataAction`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].exclude`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].groupLabel`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].iconUrl`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].importance`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].invocationGrouping`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].label`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].position`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].qualifier`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].semanticObjectAction`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].targetElement`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].type`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].url`	see CDS Annotations	Element	see CDS Annotations
`UI.fieldGroup[ ].value`	see CDS Annotations	Element	see CDS Annotations
`UI.headerInfo.description.criticality`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.headerInfo.description.iconUrl`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.headerInfo.description.label`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.headerInfo.description.targetElement`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.headerInfo.description.type`	see CDS Annotations	Table Function View	see CDS Annotations
`UI.headerInfo.description.url`	see CDS Annotations	Table Function View	see CDS Annotations

`UI.headerInfo.description.value`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.headerInfo.imageUrl`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.headerInfo.title.criticality`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.headerInfo.title.iconUrl`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.headerInfo.title.label`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.headerInfo.title.targetElement`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.headerInfo.title.type`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.headerInfo.title.url`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.headerInfo.title.value`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.headerInfo.typeImageUrl`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.headerInfo.typeName`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.headerInfo.typeNamePlural`	see CDS Annotations	[Table Function View](#)	see CDS Annotations
`UI.hidden`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].criticality`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].dataAction`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].exclude`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].iconUrl`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].importance`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].invocationGrouping`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].label`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].position`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].semanticObjectAction`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].targetElement`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].type`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].url`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.identification[ ].value`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].criticality`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].dataAction`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].exclude`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].iconUrl`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].importance`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].invocationGrouping`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].label`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].position`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].qualifier`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].semanticObjectAction`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].targetElement`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].type`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].url`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.lineItem[ ].value`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.masked`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.multiLineText`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.selectionField[ ].element`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.selectionField[ ].exclude`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.selectionField[ ].position`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.selectionField[ ].qualifier`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].criticality`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].dataAction`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].exclude`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].iconUrl`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].importance`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].invocationGrouping`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].label`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].position`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].semanticObjectAction`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].targetElement`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].type`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].url`	see CDS Annotations	[Element](#)	see CDS Annotations
`UI.statusInfo[ ].value`	see CDS Annotations	[Element](#)	see CDS Annotations

VDM-Annotations

Annotation	Meaning	Scope	Framework
`VDM.private`	-	[Table Function View](#)	internal usage
`VDM.viewType`	-	[Table Function View](#)	internal usage

Continue
[ABAP CDS, Annotation Array](#)