RAP Managed with Behavior

Tables:

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| @EndUserText.label : 'Alerts Yard Logistics'  @AbapCatalog.enhancement.category : #NOT\_EXTENSIBLE  @AbapCatalog.tableCategory : #TRANSPARENT  @AbapCatalog.deliveryClass : #A  @AbapCatalog.dataMaintenance : #ALLOWED  **define** **table** zyl\_alerts **{**  **key** mandt **:** mandt **not** **null;**  **key** alert\_guid **:** sysuuid\_c32 **not** **null;**  **include** zyl\_alerts\_s\_without\_key**;**  **}** |

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| @EndUserText.label : 'Alert Messages'  @AbapCatalog.enhancement.category : #NOT\_CLASSIFIED  @AbapCatalog.tableCategory : #TRANSPARENT  @AbapCatalog.deliveryClass : #A  @AbapCatalog.dataMaintenance : #RESTRICTED  **define** **table** zyl\_alerts\_msgs **{**  **key** mandt **:** mandt **not** **null;**  **key** alert\_guid **:** sysuuid\_c32 **not** **null;**  **key** msg\_counter **:** /cfg/de\_message\_counter **not** **null;**  msg **:** natxt**;**  **}** |

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| @EndUserText.label : 'ZYL Alerts Function Parameters'  @AbapCatalog.enhancement.category : #NOT\_EXTENSIBLE  @AbapCatalog.tableCategory : #TRANSPARENT  @AbapCatalog.deliveryClass : #A  @AbapCatalog.dataMaintenance : #ALLOWED  **define** **table** zyl\_alerts\_param **{**  **key** mandt **:** mandt **not** **null;**  **key** alert\_guid **:** sysuuid\_c32 **not** **null;**  **key** para\_name **:** rs38l\_par\_ **not** **null;**  para\_value **:** zyl\_alert\_para\_value\_e**;**  **}** |

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| @EndUserText.label : 'Alerts Settings'  @AbapCatalog.enhancement.category : #NOT\_EXTENSIBLE  @AbapCatalog.tableCategory : #TRANSPARENT  @AbapCatalog.deliveryClass : #A  @AbapCatalog.dataMaintenance : #ALLOWED  **define** **table** zyl\_alerts\_set **{**  **key** mandt **:** mandt **not** **null;**  **key** yard\_no **:** /sapyl/e\_yard\_no **not** **null;**  **key** alert\_source **:** zyl\_alert\_source\_e **not** **null;**  **key** reftype **:** zyl\_alert\_reftype\_e **not** **null;**  **key** funcname **:** rs38l\_fnam **not** **null;**  sort **:** zyl\_sort\_e**;**  autoreprocess **:** zyl\_autoreprocess\_e**;**  email **:** zyl\_email\_e**;**  fiori\_push **:** zyl\_push\_message**;**  sort\_criticality **:** zyl\_sort\_criticality**;**  **}** |

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| @EndUserText.label : 'Empty Yard for IDOC Alerting'  @AbapCatalog.enhancement.category : #NOT\_CLASSIFIED  @AbapCatalog.tableCategory : #TRANSPARENT  @AbapCatalog.deliveryClass : #C  @AbapCatalog.dataMaintenance : #ALLOWED  **define** **table** zyl\_empty\_yard **{**  **key** mandt **:** mandt **not** **null;**  **key** yard **:** /sapyl/e\_yard\_no **not** **null;**  **}** |

Draft Table:

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| @EndUserText.label : 'Draft table for entity ZYL\_I\_ALERTS'  @AbapCatalog.enhancement.category : #EXTENSIBLE\_ANY  @AbapCatalog.tableCategory : #TRANSPARENT  @AbapCatalog.deliveryClass : #A  @AbapCatalog.dataMaintenance : #RESTRICTED  **define** **table** zyl\_alerts\_draft **{**  **key** mandt **:** mandt **not** **null;**  **key** alertguid **:** sysuuid\_c32 **not** **null;**  yardno **:** /sapyl/e\_yard\_no**;**  alertsource **:** zyl\_alert\_source\_e**;**  alertstatus **:** zyl\_alert\_status\_e**;**  userreserved **:** usnam**;**  funcname **:** funcname**;**  reftype **:** zyl\_alert\_reftype\_e**;**  reference **:** zyl\_alert\_reference\_e**;**  alertcomment **:** zyl\_comment\_e**;**  reprocesscounter **:** zyl\_reprocess\_counter**;**  createdby **:** /bofu/user\_id\_created\_by**;**  createdon **:** /bobf/creationdatetime**;**  changedby **:** /bofu/user\_id\_changed\_by**;**  changedon **:** /bobf/lastchangedatetime**;**  "%admin" **:** **include** sych\_bdl\_draft\_admin\_inc**;**  **}** |

CDS’s:

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| @AbapCatalog.viewEnhancementCategory: [#NONE]  @AccessControl.authorizationCheck: #NOT\_REQUIRED  @EndUserText.label: 'Interface View for Alert Messages'  @Metadata.ignorePropagatedAnnotations: true  @ObjectModel.usageType:{  serviceQuality: #A,  sizeCategory: #L,  dataClass: #TRANSACTIONAL  }  **define** **view** **entity** ZYL\_I\_ALERT\_MESSAGES  **as** **select** **from** zyl\_alerts\_msgs  **association** **to** **parent** ZYL\_I\_ALERTS **as** \_Alert **on** **$projection.**AlertGuid **=** \_Alert**.**AlertGuid  **{**  **key** alert\_guid **as** AlertGuid**,**  **key** msg\_counter **as** MsgCounter**,**  @Semantics.text: true  msg **as** Msg**,**  \_Alert  **}** |

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| @AbapCatalog.viewEnhancementCategory: [#NONE]  @AccessControl.authorizationCheck: #NOT\_REQUIRED  @EndUserText.label: 'Alert Source Values(Domain)'  @Metadata.ignorePropagatedAnnotations: true  @ObjectModel.usageType:{  serviceQuality: #X,  sizeCategory: #S,  dataClass: #MIXED  }  @ObjectModel.resultSet: {  sizeCategory: #XS //DropDown  }  **define** **view** **entity** ZYL\_I\_ALERT\_SOURCE  **as** **select** **from** dd07t  **{**  //key valpos as ValPos,  **key** domvalue\_l **as** Value**,**  @Semantics.text: true  ddtext **as** Text  **}**  **where**  domname **=** 'ZYL\_ALERT\_SOURCE\_D'  **and** ddlanguage **=** **$session.system\_language** |

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| @AbapCatalog.viewEnhancementCategory: [#NONE]  @AccessControl.authorizationCheck: #NOT\_REQUIRED  @EndUserText.label: 'Alert Source Values(Domain)'  @Metadata.ignorePropagatedAnnotations: true  @ObjectModel.usageType:{  serviceQuality: #X,  sizeCategory: #S,  dataClass: #MIXED  }  @ObjectModel.resultSet: {  sizeCategory: #XS //DropDown  }  **define** **view** **entity** ZYL\_I\_ALERT\_STATUS  **as** **select** **from** dd07t  **{**  **key** domvalue\_l **as** Value**,**  @Semantics.text: true  ddtext **as** Text  **}**  **where**  domname **=** 'ZYL\_ALERT\_STATUS\_D'  **and** ddlanguage **=** **$session.system\_language** |

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| @AbapCatalog.viewEnhancementCategory: [#NONE]  @AccessControl.authorizationCheck: #NOT\_REQUIRED  @EndUserText.label: 'CDS for /SCMB/ESDUS YardNo'  @Metadata.ignorePropagatedAnnotations: true  @ObjectModel.usageType:{  serviceQuality: #X,  sizeCategory: #S,  dataClass: #MIXED  }  @ObjectModel.resultSet: {  sizeCategory: #XS  }  **define** **view** **entity** ZYL\_SCMB\_ESDUS  **as** **select** **from** /scmb/esdus  **{**  **key** uname **as** Uname**,**  **key** action **as** Action**,**  **key** element **as** Element**,**  active **as** YardNo  **}**  **where**  uname **=** **$session.user**  **and** action **=** '/SAPYL/DEFAULT'  **and** element **=** 'YARD\_NO' |

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| @AbapCatalog.viewEnhancementCategory: [#NONE]  @AccessControl.authorizationCheck: #CHECK  @EndUserText.label: 'Interface View for Alerts'  @Metadata.ignorePropagatedAnnotations: true  @ObjectModel.usageType:{  serviceQuality: #A,  sizeCategory: #L,  dataClass: #TRANSACTIONAL  }  **define** **root** **view** **entity** ZYL\_I\_ALERTS  **as** **select** **from** zyl\_alerts  **composition** **[**0**..\*]** **of** ZYL\_I\_ALERT\_MESSAGES **as** \_AlertMsgs //on $projection.AlertGuid = \_AlertMsgs.AlertGuid  **association** **[**0**..**1**]** **to** ZYL\_I\_ALERT\_SOURCE **as** \_AlertSource **on** **$projection.**AlertSource **=** \_AlertSource**.**Value  **association** **[**0**..**1**]** **to** ZYL\_I\_ALERT\_STATUS **as** \_AlertStatus **on** **$projection.**AlertStatus **=** \_AlertStatus**.**Value  **association** **[**0**..**1**]** **to** ZYL\_SCMB\_ESDUS **as** \_Param **on** **$projection.**YardNo **=** \_Param**.**YardNo  **{**  **key** alert\_guid **as** AlertGuid**,**  yard\_no **as** YardNo**,**  alert\_source **as** AlertSource**,**  alert\_status **as** AlertStatus**,**  user\_reserved **as** UserReserved**,**  funcname **as** Funcname**,**  reftype **as** Reftype**,**  reference **as** Reference**,**  alert\_comment **as** AlertComment**,**  reprocess\_counter **as** ReprocessCounter**,**  created\_by **as** CreatedBy**,**  created\_on **as** CreatedOn**,**  changed\_by **as** ChangedBy**,**  changed\_on **as** ChangedOn**,**  /\* Associations \*/  \_AlertMsgs**,**  \_AlertSource**,**  \_AlertStatus**,**  \_Param  **}** |

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| @AbapCatalog.viewEnhancementCategory: [#NONE]  @AccessControl.authorizationCheck: #NOT\_REQUIRED  @EndUserText.label: 'Interface View for Alert Messages'  @Metadata.ignorePropagatedAnnotations: true  @ObjectModel.usageType:{  serviceQuality: #A,  sizeCategory: #L,  dataClass: #TRANSACTIONAL  }  **define** **view** **entity** ZYL\_I\_ALERT\_MESSAGES  **as** **select** **from** zyl\_alerts\_msgs  **association** **to** **parent** ZYL\_I\_ALERTS **as** \_Alert **on** **$projection.**AlertGuid **=** \_Alert**.**AlertGuid  **{**  **key** alert\_guid **as** AlertGuid**,**  **key** msg\_counter **as** MsgCounter**,**  @Semantics.text: true  msg **as** Msg**,**  \_Alert  **}** |

Consumption Views

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| @AccessControl.authorizationCheck: #CHECK  @Search.searchable: false  @Metadata.allowExtensions: true  @EndUserText.label: 'Consumption View for Alerts'  **define** **root** **view** **entity** ZYL\_C\_ALERTS  **provider** **contract** **transactional\_query**  **as** **projection** **on** ZYL\_I\_ALERTS  // Association goes on root view of the projection view  //association [0..1] to ZYL\_I\_ALERT\_STATUS as \_AlertStatus on $projection.AlertStatus = \_AlertStatus.Value  //association [0..1] to ZYL\_I\_ALERT\_SOURCE as \_AlertSource on $projection.AlertSource = \_AlertSource.Value  **{**  **key** AlertGuid**,**  YardNo**,**  @ObjectModel.text.element: ['AlertSourceText']  AlertSource**,**  \_AlertSource**.**Text **as** AlertSourceText**,**  @ObjectModel.text.element: ['AlertStatusText']  AlertStatus**,**  \_AlertStatus**.**Text **as** AlertStatusText**,**  UserReserved**,**  Funcname**,**  Reftype**,**  Reference**,**  AlertComment**,**  ReprocessCounter**,**  CreatedBy**,**  CreatedOn**,**  ChangedBy**,**  ChangedOn**,**  \_Param**.**YardNo **as** ParamYardNo**,**  /\* Associations \*/  \_AlertMsgs**:** **redirected** **to** **composition** **child** ZYL\_C\_ALERTS\_MESSAGES**,**  \_AlertSource**,**  \_AlertStatus**,**  \_Param  **}** |

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| @AbapCatalog.viewEnhancementCategory: [#NONE]  @AccessControl.authorizationCheck: #NOT\_REQUIRED  @EndUserText.label: 'Consumption View for Alerts Messages'  @Search.searchable: false  @Metadata.allowExtensions: true  **define** **view** **entity** ZYL\_C\_ALERTS\_MESSAGES  // provider contract transactional\_query  **as** **projection** **on** ZYL\_I\_ALERT\_MESSAGES  **{**  **key** AlertGuid**,**  **key** MsgCounter**,**  Msg**,**  /\* Associations \*/  \_Alert **:** **redirected** **to** **parent** ZYL\_C\_ALERTS  **}** |

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| @AccessControl.authorizationCheck: #NOT\_REQUIRED  @Search.searchable: false  @Metadata.allowExtensions: true  @EndUserText.label: 'Local Yard saved Parameter'  **define** **root** **view** **entity** ZYL\_C\_LOCAL\_YARD  **provider** **contract** **transactional\_query**  **as** **projection** **on** ZYL\_I\_LOCAL\_YARD  **{**  **key** Uname**,**  **key** Action**,**  **key** Element**,**  YardNo  **}** |

Access Control

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| @EndUserText.label: 'Access Control ZYL\_C\_ALERTS'  @MappingRole: true  **define** **role** ZYL\_C\_ALERTS **{**  **grant**  **select**  **on**  ZYL\_C\_ALERTS  **where**  **inheriting** **conditions** **from** **entity** ZYL\_I\_ALERTS**;**    **}** |

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| @EndUserText.label: 'Access Control ZYL\_C\_ALERTS'  @MappingRole: true  **define** **role** ZYL\_ALERTS\_CONTROL **{**  **grant**  **select**  **on**  ZYL\_I\_ALERTS  **where**  **(**YardNo**)** **=** **aspect** **pfcg\_auth(**/SAPYL/YTU**,** /SAPYL/YN**,** ACTVT **=** '03'**,** BO\_SERVICE **=** '\*'**);**    **}** |

Metadata Extensions:

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| @Metadata.layer:  #CORE  @UI.headerInfo: {  typeName: 'Alerts',  typeNamePlural: 'Alerts',  title: {  type: #STANDARD,  label: 'Alert',  value: 'Reference'  }  }  // Order Table by CreatedOn Descending  @UI.presentationVariant: [{  sortOrder: [{  by: 'CreatedOn',  direction: #DESC  }],  visualizations: [{  type: #AS\_LINEITEM  }]  }]  **annotate** **view** ZYL\_C\_ALERTS **with**  **{**  @UI.facet: [{ purpose: #STANDARD,  type: #COLLECTION,  id: 'ALERTID',  label: 'Alert Details'  },  { purpose: #STANDARD,  type: #FIELDGROUP\_REFERENCE,  targetQualifier: 'ALERTDETAILS',  parentId: 'ALERTID',  position: 10  }  ,  { purpose: #STANDARD,  id: 'MsgsTable',  type: #LINEITEM\_REFERENCE,  targetElement: '\_AlertMsgs',  label: 'Messages',  position: 20  }  ]  @UI.selectionField: [{ position: 10 }]  @UI.lineItem: [{ position: 10, cssDefault: { width: '4rem' }}]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 20 }]  @Consumption.valueHelpDefinition: [{ entity : { name : 'ZYL\_YARDNO\_VH', element : 'YardNo' }}]  YardNo**;**  @UI.selectionField: [{ position: 20 }]  @UI.lineItem: [{ position: 20, cssDefault: { width: '11rem' }}]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 30 }]  Reference**;**  @UI.selectionField: [{ position: 30 }]  @UI.lineItem: [{ position: 30, cssDefault: { width: '5rem' }}]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 40 }]  Reftype**;**  @UI.selectionField: [{ position: 40 }]  @UI.lineItem: [{ position: 40, cssDefault: { width: '9rem' }}]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 50 }]  @UI.textArrangement: #TEXT\_ONLY  @Consumption.valueHelpDefinition: [{ entity : { name : 'ZYL\_I\_ALERT\_SOURCE', element : 'Value' }}]  AlertSource**;**  @UI.selectionField: [{ position: 50 }]  @UI.lineItem: [{ position: 50, cssDefault: { width: '6rem' }}]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 60 }]  @UI.textArrangement: #TEXT\_ONLY  @Consumption.valueHelpDefinition: [{ entity : { name : 'ZYL\_I\_ALERT\_STATUS', element : 'Value' }}]  AlertStatus**;**  @UI.selectionField: [{ position: 60 }]  @UI.lineItem: [{ position: 60, cssDefault: { width: '12rem' }}]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 70 }]  AlertComment**;**  @UI.selectionField: [{ position: 70 }]  @UI.lineItem: [{ position: 80 }]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 80 }]  UserReserved**;**  @UI.selectionField: [{ position: 80 }]  @UI.lineItem: [{ position: 90 }]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 90 }]  Funcname**;**  @UI.lineItem: [{ position: 100 }]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 100 }]  ReprocessCounter**;**  @UI.selectionField: [{ position: 90 }]  @UI.lineItem: [{ position: 110 }]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 110 }]  CreatedBy**;**  @UI.selectionField: [{ position: 100 }]  @UI.lineItem: [{ position: 70, cssDefault: { width: '8rem' }}]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 120 }]  CreatedOn**;**  @UI.lineItem: [{ position: 120 }]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 130 }]  ChangedBy**;**  @UI.lineItem: [{ position: 130 }]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 140 }]  ChangedOn**;**  @UI.lineItem: [{ position: 140 }, { type: #FOR\_ACTION, dataAction: 'reprocess', label: 'Reprocess' } ]  @UI.fieldGroup: [{ qualifier: 'ALERTDETAILS', position: 150 }]  AlertGuid**;**  @UI.lineItem: [{ position: 150 }]  ParamYardNo**;**  **}** |

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| @Metadata.layer: #CORE  @UI.headerInfo: {  typeName: 'Message',  typeNamePlural: 'Messages',  title: {  type: #STANDARD,  label: 'Alert Messages',  value: 'AlertGuid'  },  description: {  type: #STANDARD,  label: 'Alert Messages'  }  }  @UI.presentationVariant: [ { sortOrder: [ { by: 'MsgCounter', direction: #ASC } ] } ]  @Search.searchable: false  **annotate** **view** ZYL\_C\_ALERTS\_MESSAGES **with**  **{**  @UI.facet: [{ purpose: #STANDARD,  id: 'AlertMessagesId',  type: #IDENTIFICATION\_REFERENCE,  label: 'Alert Messages',  position: 10  }]  @UI.hidden: true  AlertGuid**;**  @UI.lineItem: [{ position: 10, label: 'Number' }]  @UI.identification: [{ position: 10, label: 'Number' }]  MsgCounter**;**  @UI.lineItem: [{ position: 20, label: 'Message' }]  @UI.identification: [{ position: 20, label: 'Message' }]  Msg**;**  **}** |

Behaviors

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| **projection;**  //strict;  **use** **draft;**  **define** **behavior** **for** ZYL\_C\_ALERTS //alias <alias\_name>  **{**  //use create;  **use** **update;**  **use** **delete;**  **use** **action** reprocess**;**  **use** **association** \_AlertMsgs **{** **with** **draft;** **}**  **}**  **define** **behavior** **for** ZYL\_C\_ALERTS\_MESSAGES **use** **etag**  **{**  **use** **association** \_Alert **{** **with** **draft;** **}**  // use update;  // use delete;  **}** |

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| **managed** **implementation** **in** **class** zbp\_yl\_i\_alerts **unique;**  //strict;  **with** **draft;**  **define** **behavior** **for** ZYL\_I\_ALERTS //alias Alerts  **persistent** **table** zyl\_alerts  **draft** **table** zyl\_alerts\_draft  //with unmanaged save //if unmanaged data needs to be updated manually  **lock** **master**  **total** **etag** AlertGuid //-> only for drafts  **authorization** **master** **(** **global,** **instance** **)**  **etag** **master** AlertGuid  **{**  **field** **(** **readonly** **)** AlertGuid**,** YardNo**,** AlertSource**,** AlertStatus**,** Funcname**,** Reftype**,** Reference**,** ReprocessCounter**,** CreatedBy**,** CreatedOn**,** ChangedBy**,** ChangedOn**;**  //create;  **update;** //( features : instance );  **delete;** //( features : instance );  // association \_AlertMsgs { with draft; }  //field (mandatory)  **association** \_AlertMsgs **{** **create;** **with** **draft;** **}**  **action** **(** **features** **:** **instance** **)** reprocess **result** **[0..\*]** **$self;**  // action set\_status\_booked result [1] $self;  **mapping** **for** ZYL\_ALERTS  **{**  AlertGuid **=** alert\_guid**;**  YardNo **=** yard\_no**;**  AlertSource **=** alert\_source**;**  AlertStatus **=** alert\_status**;**  UserReserved **=** user\_reserved**;**  Funcname **=** funcname**;**  Reftype **=** reftype**;**  Reference **=** reference**;**  AlertComment **=** alert\_comment**;**  ReprocessCounter **=** reprocess\_counter**;**  CreatedBy **=** created\_by**;**  CreatedOn **=** created\_on**;**  ChangedBy **=** changed\_by**;**  ChangedOn **=** changed\_on**;**  **}**  **}**  **define** **behavior** **for** ZYL\_I\_ALERT\_MESSAGES **alias** AlertMessages  **persistent** **table** zyl\_alerts\_msgs  **draft** **table** zyl\_alerts\_msgsd  **lock** **dependent** **by** \_Alert  **authorization** **dependent** **by** \_Alert  **etag** **master** AlertGuid  **{**  // update;  // delete;  **association** \_Alert **{** **with** **draft;** **}**  **field** **(** **readonly** **)** AlertGuid**,** MsgCounter**,** Msg**;**  **mapping** **for** zyl\_alerts\_msgs  **{**  AlertGuid **=** alert\_guid**;**  MsgCounter **=** msg\_counter**;**  Msg **=** msg**;**  **}**  **}** |

Class from the Behavior:

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| \*CLASS lhc\_alertmessages DEFINITION INHERITING FROM cl\_abap\_behavior\_handler.  \*  \* PRIVATE SECTION.  \*  \* METHODS get\_global\_features FOR GLOBAL FEATURES  \* IMPORTING REQUEST requested\_features FOR AlertMessages RESULT result.  \*  \*ENDCLASS.  \*  \*CLASS lhc\_alertmessages IMPLEMENTATION.  \*  \* METHOD get\_global\_features.  \* ENDMETHOD.  \*  \*ENDCLASS.  CLASS lhc\_zyl\_i\_alerts DEFINITION INHERITING FROM cl\_abap\_behavior\_handler.  PRIVATE SECTION.  METHODS get\_global\_authorizations FOR GLOBAL AUTHORIZATION  IMPORTING REQUEST requested\_authorizations FOR zyl\_i\_alerts RESULT result.  METHODS get\_instance\_authorizations FOR INSTANCE AUTHORIZATION  IMPORTING keys REQUEST requested\_authorizations FOR zyl\_i\_alerts RESULT result.  METHODS get\_instance\_features FOR INSTANCE FEATURES  IMPORTING keys REQUEST requested\_features FOR zyl\_i\_alerts RESULT result.  METHODS reprocess FOR MODIFY  IMPORTING it\_key\_for\_action FOR ACTION zyl\_i\_alerts~reprocess REQUEST it\_requested\_fields RESULT et\_action\_result.  ENDCLASS.  CLASS lhc\_zyl\_i\_alerts IMPLEMENTATION.  \* METHOD modify.  \*  \* ENDMETHOD.  METHOD get\_global\_authorizations.  \* DATA(lo\_alerts) = NEW zyl\_cl\_alerting( ).  \* AUTHORITY-CHECK OBJECT '/SAPYL/YO'  \* ID 'ACTVT' FIELD '16'  \* ID '/SAPYL/YN' FIELD <fs\_cds>-yardno  \* ID '/SAPYL/YOT' FIELD <fs\_yos>-ordertype  \* ID 'BO\_SERVICE' FIELD 'ACT\_ROOT\_CHECKOUT'.  \* IF sy-subrc <> 0.  \* result-%action-reprocess = if\_abap\_behv=>auth-unauthorized.  \* result-%action-edit = if\_abap\_behv=>auth-unauthorized.  \* result-%delete = if\_abap\_behv=>auth-unauthorized.  \* ELSE.  \* result-%action-reprocess = if\_abap\_behv=>auth-allowed.  \* result-%action-edit = if\_abap\_behv=>auth-allowed.  \* result-%delete = if\_abap\_behv=>auth-allowed.  \* ENDIF.  \* APPEND VALUE #( %msg = lo\_alerts->map\_bapi\_to\_behv\_message( is\_message\_bapi = VALUE #( type = 'E' message = 'Test' ) )  \* %global = if\_abap\_behv=>mk-on  \* ) TO reported-zyl\_i\_alerts.  ENDMETHOD.  METHOD get\_instance\_authorizations.  ENDMETHOD.  METHOD get\_instance\_features.  " Read the active flag of the existing members  READ ENTITIES OF zyl\_i\_alerts IN LOCAL MODE  ENTITY zyl\_i\_alerts  FIELDS ( alertguid alertstatus ) WITH CORRESPONDING #( keys )  RESULT DATA(lt\_result\_data)  FAILED failed.  result = VALUE #( FOR ls\_result\_data IN lt\_result\_data  LET status = COND #( WHEN ls\_result\_data-alertstatus = '5' "Completed  THEN if\_abap\_behv=>fc-o-disabled  ELSE if\_abap\_behv=>fc-o-enabled )  IN  ( %tky = ls\_result\_data-%tky  %action-reprocess = status  %action-edit = status  %features-%action-reprocess = status  %features-%action-edit = status  ) ).  ENDMETHOD.  METHOD reprocess.  DATA(lo\_alerts) = NEW zyl\_cl\_alerting( ).  LOOP AT it\_key\_for\_action ASSIGNING FIELD-SYMBOL(<fs\_key>).  TRY.  DATA(lt\_return) = lo\_alerts->zyl\_if\_alerting~reprocess\_alert( iv\_alert\_guid = <fs\_key>-alertguid ).  IF lt\_return IS INITIAL.  APPEND VALUE #( type = 'S' id = 'ZYL\_ALERTING' number = 001 message\_v1 = <fs\_key>-alertguid ) TO lt\_return.  ENDIF.  LOOP AT lt\_return ASSIGNING FIELD-SYMBOL(<fs\_return>).  APPEND VALUE #(  %cid = <fs\_key>-%cid\_ref  alertguid = <fs\_key>-alertguid  %msg = lo\_alerts->map\_bapi\_to\_behv\_message( is\_message\_bapi = <fs\_return> )  \* %element-alertguid = if\_abap\_behv=>mk-on  \* %action-reprocess = if\_abap\_behv=>mk-on  \* %element-field2 = if\_abap\_behv=>mk-on  \* %element-\_association = if\_abap\_behv=>mk-on  \* %state\_area = 'state\_area'  \* %path = VALUE #( <root>-%is\_draft = <child>-%is\_draft  \* <root>-<key> = <child>-<parent\_key\_in\_child\_entity> )  ) TO reported-zyl\_i\_alerts.  ENDLOOP.  CATCH zyl\_cx\_alerting\_error.  ENDTRY.  ENDLOOP.  ENDMETHOD.  ENDCLASS.  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  \*  \* Saver class implements the save sequence for data persistence  \*  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  CLASS lsc\_saver DEFINITION INHERITING FROM cl\_abap\_behavior\_saver.  PROTECTED SECTION.  \* METHODS finalize REDEFINITION.  \* METHODS check\_before\_save REDEFINITION.  \* METHODS save REDEFINITION.  \* METHODS cleanup REDEFINITION.  \* METHODS save\_modified REDEFINITION.  ENDCLASS.  CLASS lsc\_saver IMPLEMENTATION.  \* METHOD finalize.  \* ENDMETHOD.  \* METHOD check\_before\_save.  \* ENDMETHOD.  \* METHOD save.  \* ENDMETHOD.  \* METHOD cleanup.  \* ENDMETHOD.  \* METHOD save\_modified.  \* ENDMETHOD.  ENDCLASS. |

Service Definition

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| @EndUserText.label: 'Service Definition for Alerts'  **define** **service** ZYL\_SD\_ALERTS **{**  **expose** ZYL\_C\_ALERTS**;**  **expose** ZYL\_C\_LOCAL\_YARD**;**  **expose** ZYL\_C\_ALERTS\_COUNTER**;**  **expose** ZYL\_C\_ALERTS\_MESSAGES**;**  **}** |

Service Binding

A screenshot of a computer

Description automatically generated

/IWBEP/V4\_ADMIN

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/IWFND/V4\_ADMIN

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Catalog:

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Fiori Tools:



App:

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Object page:

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