@AbapCatalog.viewEnhancementCategory: [#NONE]

@AccessControl.authorizationCheck: #NOT\_REQUIRED

@EndUserText.label: 'DD for price'

@Metadata.ignorePropagatedAnnotations: true

@Metadata.allowExtensions: true

@ObjectModel.usageType:{

serviceQuality: #X,

sizeCategory: #S,

dataClass: #MIXED

}

**define** **view** **entity** zprice\_dd **as** **select** **from** zprice\_acc

**association** **to** **parent** zaccess\_DD **as** \_price **on** **$projection.**Id **=** \_price**.**Id

**and** **$projection.**Acess **=** \_price**.**Acess

**{**

**key** id **as** Id**,**

**key** acess **as** Acess**,**

**key** name **as** Name**,**

mrp **as** Mrp**,**

\_price

**}**

@AbapCatalog.viewEnhancementCategory: [#NONE]

@AccessControl.authorizationCheck: #NOT\_REQUIRED

@EndUserText.label: 'accesseris DD'

@Metadata.allowExtensions: true

@Metadata.ignorePropagatedAnnotations: true

@ObjectModel.usageType:{

serviceQuality: #X,

sizeCategory: #S,

dataClass: #MIXED

}

**define** **view** **entity** zaccess\_DD **as** **select** **from** zaccesseris

**association** **to** **parent** zd\_stock\_root\_ **as** \_stock **on** **$projection.**Id **=** \_stock**.**Id

**composition** **[**1**..\*]** **of** zprice\_dd **as** \_price

**{**

**key** id **as** Id**,**

**key** acess **as** Acess**,**

productname **as** Productname**,**

\_stock**,**

\_price

**}**

@AccessControl.authorizationCheck: #NOT\_REQUIRED

@EndUserText.label: 'root\_view\_for\_stock'

@Metadata.ignorePropagatedAnnotations: true

@Metadata.allowExtensions: true

**define** **root** **view** **entity** zd\_stock\_root\_ **as** **select** **from** zd\_stock\_

**composition** **[**1**..\*]** **of** zaccess\_DD **as** \_acces

**{**

**key** Id**,**

ProductName**,**

VersionName**,**

Amount**,**

\_STOCK**.**store\_stocks **as** StoreStocks**,**

\_STOCK**.**plant\_stock **as** PlantStock**,**

\_PLANT**.**plant\_name **as** PlantName**,**

\_PLANT**.**ph\_no **as** PhNo**,**

\_PLANT**.**address **as** Address**,**

\_supplai**.**supplier\_name **as** SupplierName**,**

\_supplai**.**emailid **as** Emailid**,**

\_supplai**.**country **as** Country**,**

\_acces

**}**

@AbapCatalog.viewEnhancementCategory: [#NONE]

@AccessControl.authorizationCheck: #NOT\_REQUIRED

@EndUserText.label: 'stocks'

@Metadata.ignorePropagatedAnnotations: true

@ObjectModel.usageType:{

serviceQuality: #X,

sizeCategory: #S,

dataClass: #MIXED

}

**define** **view** **entity** zd\_stock\_ **as** **select** **from** zram\_cdsdb

**association** **[**1**..**1 **]** **to** zstock\_table **as** \_STOCK **on** **$projection.**Id **=** \_STOCK**.**id

**association** **[**1**..**1 **]** **to** zplant\_table **as** \_PLANT **on** **$projection.**Id **=** \_PLANT**.**id

**association** **[**1**..**1 **]** **to** zsupplier **as** \_supplai **on** **$projection.**Id **=** \_supplai**.**id

**{**

**key** id **as** Id**,**

product\_name **as** ProductName**,**

version\_name **as** VersionName**,**

amount **as** Amount**,**

\_STOCK**,**

\_PLANT**,**

\_supplai

**}**

@Metadata.layer: #CORE

@UI.headerInfo : { typeNamePlural: 'Detail of Products',

title : { value: 'ProductName' },

description : { value : 'VersionName' } }

@Search.searchable: true

**annotate** **entity** zd\_stock\_root\_ **with**

**{**

@UI.facet:[{position: 10 , label: 'Laptop Details', type: #IDENTIFICATION\_REFERENCE},

{position: 20 , label: 'Plant Details', type: #FIELDGROUP\_REFERENCE, targetQualifier: '\_plant'},

{position: 30 , label: 'Stock Details', type: #FIELDGROUP\_REFERENCE, targetQualifier: '\_stock'},

{position: 40 , label: 'Supplaier Details', type: #FIELDGROUP\_REFERENCE, targetQualifier: '\_supplai'},

{position: 50, label: 'Accesseris',type: #LINEITEM\_REFERENCE, targetElement: '\_acces'}]

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

@UI.selectionField: [{ position: 10 }]

@UI.lineItem: [{ position: 10 }]

@UI.identification: [{label: 'ID', position: 10 }]

Id**;**

// @UI.selectionField: [{ position: 20 }]

@UI.lineItem: [{ position: 20, cssDefault.width: '10rem' }]

@UI.identification: [{label: 'Product Name', position: 20 }]

@Search.defaultSearchElement: true

@Search.fuzzinessThreshold: 0.7

ProductName**;**

@UI.selectionField: [{ position: 30 }]

@UI.lineItem: [{ position: 30 }]

@UI.identification: [{label: 'Version name', position: 30 }]

VersionName**;**

@UI.lineItem: [{ position: 40}]

@UI.identification: [{label: 'Amount', position: 40 }]

Amount**;**

//stocks\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

@UI.fieldGroup: [{ position: 10, qualifier: '\_stock' }]

@EndUserText : { label: 'Store stocks', quickInfo: 'Stocks in store' }

StoreStocks**;**

@UI.fieldGroup: [{ position: 20, qualifier: '\_stock' }]

@EndUserText : { label: 'Plant stocks', quickInfo: 'Stocks in plant' }

PlantStock**;**

// plant\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

@UI.fieldGroup: [{ position: 10, qualifier: '\_plant' }]

@EndUserText : { label: 'Plant name'}

PlantName**;**

@UI.fieldGroup: [{ position: 20, qualifier: '\_plant' }]

@EndUserText : { label: 'Phone number' }

PhNo**;**

@UI.fieldGroup: [{ position: 30 , qualifier: '\_plant' }]

@EndUserText : { label: 'Address' }

Address**;**

// supplaier\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

@UI.fieldGroup: [{ position: 10, qualifier: '\_supplai' }]

@EndUserText : { label: 'SupplierName' }

SupplierName**;**

@UI.fieldGroup: [{ position: 20, qualifier: '\_supplai' }]

@EndUserText : { label: 'Email ID' }

Emailid**;**

@UI.selectionField: [{ position: 40 }]

@Consumption.valueHelpDefinition: [ {entity: { name: 'zvh\_country', element: 'Country' }}] //standard VH

@UI.fieldGroup: [{ position: 30, qualifier: '\_supplai' }]

@EndUserText : { label: 'Country' }

@UI.lineItem: [{ position: 50 }]

Country**;**

**}**

@AbapCatalog.sqlViewName: 'ZRAM\_JOINS\_GUI'

@AbapCatalog.compiler.compareFilter: true

// @AbapCatalog.preserveKey: true

@AccessControl.authorizationCheck: #NOT\_REQUIRED

@EndUserText.label: 'join with 3/4 tables'

@Metadata.ignorePropagatedAnnotations: true

**define** **view** zram\_joins

**as** **select** **from** ekko **as** M\_header

**inner** **join** ekpo **as** m\_item **on** M\_header**.**ebeln **=** m\_item**.**ebeln

**left** **outer** **join** eban **as** m\_pur\_req **on** m\_item**.**banfn **=** m\_pur\_req**.**banfn

**right** **outer** **join** rbkp **as** M\_invo **on** M\_header**.**ebeln **=** M\_invo**.**belnr

**{**

**key** M\_header**.**ebeln **as** ebeln**,**

m\_item**.**ebelp **as** EBELP**,**

m\_item**.**matnr **as** MATNR**,**

m\_pur\_req**.**banfn **as** BANFN**,**

m\_pur\_req**.**bnfpo **as** BNFPO**,**

M\_invo**.**belnr **as** BELNR**,**

M\_invo**.**blart **as** BLART

**}**