

```

1 @AccessControl.authorizationCheck: #CHECK
2 @EndUserText.label: 'SO HDR'
3 define root view entity ZI_SO_HDR
4   as select from vbak
5   composition [0..*] of ZI_SO_ITM as _Item
6 {
7   key vbeln as Vbeln,
8     audat as Audat,
9     vbtyp as Vbtyp,
10    auart as Auart,
11    netwr as Netwr,
12    waerk as Waerk,
13    vkorg as Vkorg,
14    vtweg as Vtweg,
15    spart as Spart,
16    kunnr as Kunnr,
17    _Item // Make association public
18 }

```

```

1 @AccessControl.authorizationCheck: #CHECK
2 @EndUserText.label: 'SO ITEM'
3 define view entity ZI_SO_ITM
4   as select from vbap
5   association to parent ZI_SO_HDR as _Header
6   on $projection.Vbeln = _Header.Vbeln
7 {
8   key vbeln as Vbeln,
9   key posnr as Posnr,
10  matnr as Matnr,
11  meins as Meins,
12  netwr as Netwr,
13  waerk as Waerk,
14  _Header // Make association public
15 }
16

```

// Header CDS

@AccessControl.authorizationCheck: #NOT\_REQUIRED

@EndUserText.label: 'DEMO ROOT VIEW ENTITY'

// define root view entity THIS IS USED FOR HEADER TABLE ONLY

```

define root view entity ZCDS_609879_DEMO_1
as select from y0001_vbak
composition [0..*] of ZCDS_609879_DEMO_2 as _item

{
  key y0001_vbak.vbeln as Vbeln,
  y0001_vbak.vkorg as Vkorg,
  y0001_vbak.vtweg as Vtweg,
  y0001_vbak.spart as Spart,

  _item
}

```

```
// Item CDS
@AccessControl.authorizationCheck: #NOT_REQUIRED
@EndUserText.label: 'DEMO VIEW ENTITY'
// define view entity THIS IS USED FOR ITEM TABLE ONLY
```

```
define view entity ZCDS_609879_DEMO_2
as select from y0001_vbap
```

```
association to parent ZCDS_609879_DEMO_1 as _header
on $projection.Vbeln = _header.Vbeln
```

```
{
  key y0001_vbap.vbeln as Vbeln,
  key y0001_vbap.posnr as Posnr,
  y0001_vbap.matnr as Matnr,
  y0001_vbap.matkl as Matkl,

  case y0001_vbap.matnr
  when 'ABCD' then 'Part - 1'
  when 'EFGH' then 'Category - 2'
  when 'IJKL' then 'Phase - 3'
  when 'MNOP' then 'Process - 4'
  when 'QRST' then 'Volume - 5'
  else 'Undefine Procedure'
  end as Category_definition,

  _header
}
```