

Transaction Processing CDS Views

```
@AbapCatalog.sqlViewName: 'ZISALESHDR1TP'  
@AbapCatalog.compiler.compareFilter: true  
@AbapCatalog.preserveKey: true  
@AccessControl.authorizationCheck: #CHECK  
@EndUserText.label: 'Sales header TP view'
```

```
@VDM.viewType: #TRANSACTIONAL  
@ObjectModel.transactionalProcessingEnabled: true  
@ObjectModel.writeActivePersistence: 'ZSALES_HEADER1'  
@ObjectModel.modelCategory: #BUSINESS_OBJECT  
@ObjectModel.compositionRoot: true  
@ObjectModel.createEnabled: true  
@ObjectModel.deleteEnabled: true  
@ObjectModel.updateEnabled: true  
@ObjectModel.usageType.dataClass: #TRANSACTIONAL
```

```
define view zi_saleshdrtp as select from zi_sales_hdr1  
association [1..*] to zi_salesitemtp as _salesitm on  
$projection.sd_key = _salesitm.parentkey{  
    key sd_key,  
    doc_date,  
    name,  
    catg,  
    order_type,  
    order_reason,  
    @Semantics.amount.currencyCode: 'currency'  
    net_value,  
    currency,  
    @ObjectModel.association.type: [#TO_COMPOSITION_CHILD]  
    _salesitm  
}
```

```
@AbapCatalog.sqlViewName: 'ZISALESITM1TP'  
@AbapCatalog.compiler.compareFilter: true  
@AbapCatalog.preserveKey: true  
@AccessControl.authorizationCheck: #CHECK  
@EndUserText.label: 'sales item tp view'
```

```
@VDM.viewType: #TRANSACTIONAL  
@ObjectModel.transactionalProcessingEnabled: true  
@ObjectModel.writeActivePersistence: 'ZSALES_ITEM1'  
@ObjectModel.createEnabled: true  
@ObjectModel.deleteEnabled: true  
@ObjectModel.updateEnabled: true  
@ObjectModel.usageType.dataClass: #TRANSACTIONAL
```

```
define view zi_salesitemtp as select from zi_sales_item1  
association [1..1] to zi_saleshdrtp as _saleshdr on  
$projection.parentkey = _saleshdr.sd_key  
{  
    key itm_key,  
    parentkey,  
    mat_num,  
    mat_grp,  
    itm_type,  
    @Semantics.amount.currencyCode: 'currency'  
    item_value,  
    currency,  
  
    @ObjectModel.association.type:  
    [#TO_COMPOSITION_ROOT,#TO_COMPOSITION_PARENT]  
    _saleshdr  
}
```