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/* Freek Keijzer, myBrand, 17.01.2021
Union-view for integration key figures Reservations & Deliveries.
Business requirement: user-story 34567.
Includes:
- Logic for key figure "Quantity Received?",
- Logic for characteristic "Warehouse EWM/IM?",
- Logic for characteristic "Warehouse Completed?".
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Change-log:
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@EndUserText.label: 'MM: Return List (union)'
@AbapCatalog.sqlViewName: 'ZPMMRETLIST'

@VDM.viewType: #COMPOSITE
@Analytics.dataCategory: #FACT
@AbapCatalog.compiler.compareFilter: true
@AbapCatalog.preserveKey: true
@AccessControl.authorizationCheck: #CHECK

define view ZP_MM_RetListUn as
select from ZP_MM_RetListRESB
{
    'RESB' as Source,
    rsnum,           //Source = 'RESB', 'LIPS'
    rspos,           //Reservation Number (resb.rsnum)
    werks,           //Reservation Item (resb.rspos)
    lgort,           //Plant (resb.werks)
    aufnr,           //Storage Location (resb.lgort)
    xloek,           //Order Number (resb.aufnr)
    bwart,           //Item is deleted (resb.xloek)
    kzear,           //Movement type inventory management (resb.bwart)
    matnr,           //Final issue for this reservation (resb.kzear)
    meins,           //Material Number (resb.matnr)
    bdmng,           //Base Unit of Measure (resb.meins)
    enmng,           //Requirement Quantity (resb.bdmng)
    case            //Quantity withdrawn (resb.enmng)
        when werks_t320 != '' and spe_gen_elikz = 'X' then enmng
        else 0.0
    end as QuantRec, // "Received" = "Quantity withdrawn" (resb.enmng) with conditions
    vbeln,           //Delivery (lips.vbeln)
    vbelp,           //Delivery Item (lips.posnr)
    bwtar,           //Valuation Type (lips.bwtar)
    @EndUserText.label: 'Warehouse EWM/IM?'
    case
        when werks_t320 != '' then 'EWM'
        else 'IM'
    end as StorLoc_EWM_IM, // "Warehouse EWM/IM?" = 'EWM' or 'IM' based on table T320
    @EndUserText.label: 'Warehouse Completed?'
    case
        when werks_t320 = '' and bdmng = enmng then 'X'
        when werks_t320 = '' and bdmng != enmng then ''

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        else
        end as StorLocCompl,
        CounterRes,
        CounterDel
    }
union all
select from ZB_MM_RetListLIPS
{
    'LIPS' as Source,
    rsnum,
    rspos,
    werks,
    lgort,
    aufnr,
    '' as xloek,
    bwart,
    'X' as kzear,
    matnr,
    meins,
    lgmng as bdmng,
    lgmng as enmng,
    case
        when wbsta = 'C' then lgmng
        else 0.0
    end as QuantRec,
    vbeln,
    vbelp,
    bwtar,
    @EndUserText.label: 'Warehouse EWM/IM?'
    'EWM' as StorLoc_EWM_IM,
    @EndUserText.label: 'Warehouse Completed?'
    case
        when wbsta = 'C' then 'X'
        else ''
    end as StorLocCompl,
    0 as CounterRes,
    Counter as CounterDel
}

```

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spe_gen_elikz
// "Warehouse completed?", based on table T320 and values resb.bdmng/enmng
// Number of Reservation Items
// Number of Delivery Items

// Source = 'RESB', 'LIPS'
// Reservation Number (lips.rsnum)
// Reservation Item (lips.rspos)
// Plant (lips.werks)
// Storage Location (lips.lgort)
// Order Number (lips.aufnr)
// Item is deleted
// Movement type inventory management (lips.bwart)
// Final issue for this reservation
// Material Number (lips.matnr)
// Base Unit of Measure (lips.meins)
// Actual quantity delivered (lips.lgmng)
// Actual quantity delivered (lips.lgmng)

// "Received" = "Actual quantity delivered" (lips.lgmng) with conditions
// Delivery (lips.vbeln)
// Delivery Item (lips.posnr)
// Valuation Type (lips.bwtar)

// "Warehouse EWM/IM?" = 'EWM' or 'IM'

// "Warehouse Completed?" based on value "Goods Movement Status" (lips.wbsta)
// Number of Reservation Items
// Number of Delivery Items

```