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/* Freek Keijzer, myBrand, 17.01.2021
Basic view for key figures Reservations.
Business requirement: user-story 34567
Source tables:
RESB - "Reservation/dependent requirements"
LIPS - "SD document: Delivery: Item data"
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Change-log:
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@EndUserText.label: 'MM: Data from RESB for Return List'
@AbapCatalog.sqlViewName: 'ZBMMRETLISTRESB'

@VDM.viewType: #BASIC
@AbapCatalog.compiler.compareFilter: true
@AbapCatalog.preserveKey: true
@AccessControl.authorizationCheck: #CHECK

define view ZB_MM_RetListRESB as select from resb
  left outer join lips
    on lips.rsnum = resb.rsnum and
       lips.rspos = resb.rspos and
       lips.bwart = '531'
{
key resb.rsnum,                              //Reservation Number (resb.rsnum)
key resb.rspos,                              //Reservation Item (resb.rspos)
    resb.werks,                              //Plant (resb.werks)
    resb.lgort,                              //Storage Location (resb.lgort)
    resb.aufnr,                              //Order Number (resb.aufnr)
    resb.xloek,                              //Item is deleted (resb.xloek)
    resb.bwart,                              //Movement type inventory management (resb.bwart)
    resb.kzear,                              //Final issue for this reservation (resb.kzear)
    resb.matnr,                              //Material Number (resb.matnr)
    resb.bdmng,                              //Requirement Quantity (resb.bdmng)
    resb.meins,                              //Base Unit of Measure (resb.meins)
    resb.enmng,                              //Quantity withdrawn (resb.enmng)
    lips.vbeln,                              //Delivery (lips.vbeln)
    lips.posnr as vbelp,                     //Delivery Item (lips.posnr)
    lips.bwtar,                              //Valuation Type (lips.bwtar)
    lips.spe_gen_elikz,                      //"Delivery Completed" Indicator (lips.spe_gen_elikz)
    1 as Counter,                            //Counter (for Reservation Items)
    case
      when lips.vbeln != '' then 1
      else                    0
    end as CounterDel,                       //Counter for Delivery Items
    case
      when lips.vbeln != '' then concat(lips.vbeln,lips.posnr)
      else                    'XXXXXXXXXXXXXXX'
    end as VbelnPos                          //Concatenated Delivery Number+Item, special value when empty for testing purposes
}
where resb.rsart  = ''    and  //--Key field "Record type" must be empty
      resb.bwart  = '531' and  //--Only Movement Type '531' = 'Receipt by-product'
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resb.aufnr != ''        //--Order must be filled
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