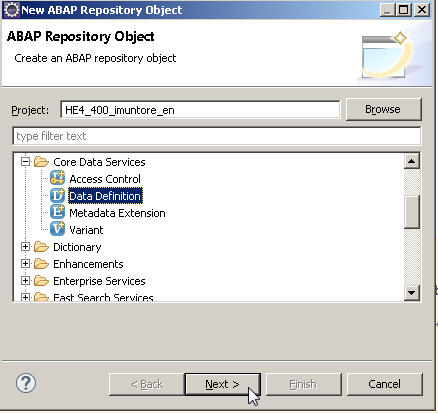
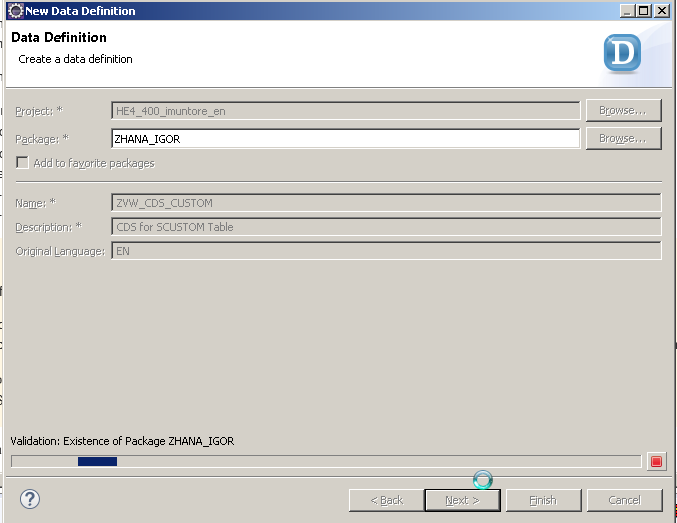
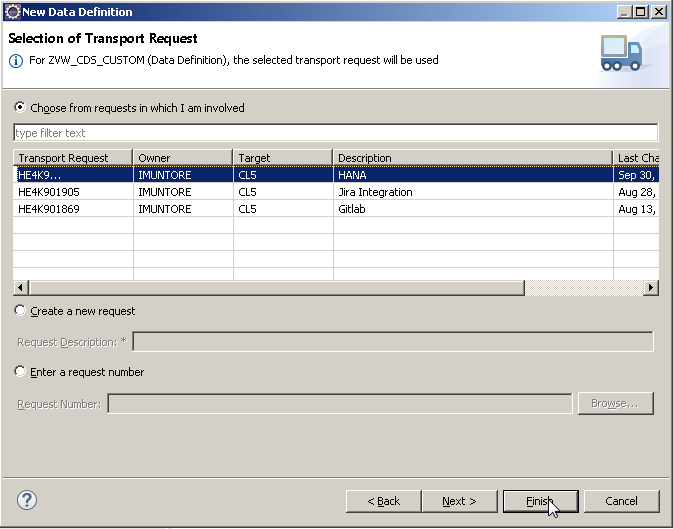
CDS – AMDP – Fuzzy Search

1. SAP HANA Studio or Eclipse:  
     
     
   





Data Definition Code:

@AbapCatalog.sqlViewName: 'ZVW\_CUSTOM'

@AbapCatalog.compiler.compareFilter: true

@AbapCatalog.preserveKey: true

@AccessControl.authorizationCheck: #CHECK

@EndUserText.label: 'CDS for SCUSTOM Table'

**define** **view** ZVW\_CDS\_CUSTOM **as** **select** **from** scustom **{**

**key** id**,**

name**,**

form**,**

street**,**

postbox**,**

postcode**,**

city**,**

country**,**

region**,**

telephone**,**

custtype**,**

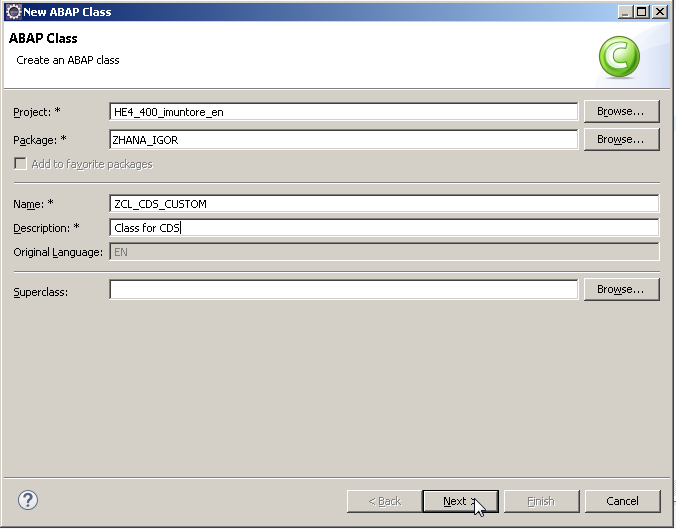
discount**,**

langu**,**

email**,**

webuser

**}**

1. Generate a Class for the AMDP  
     
     
     
     
   

CLASS zcl\_cds\_custom DEFINITION

PUBLIC

FINAL

CREATE PUBLIC .

PUBLIC SECTION.

TYPES: BEGIN OF ty\_scustom,

score TYPE p LENGTH 8 DECIMALS 3,

id TYPE scustom-id,

name TYPE scustom-name,

form TYPE scustom-form,

street TYPE scustom-street,

postbox TYPE scustom-postbox,

postcode TYPE scustom-postcode,

city TYPE scustom-city,

country TYPE scustom-country,

region TYPE scustom-region,

telephone TYPE scustom-telephone,

custtype TYPE scustom-custtype,

discount TYPE scustom-discount,

langu TYPE scustom-langu,

email TYPE scustom-email,

webuser TYPE scustom-webuser,

END OF ty\_scustom.

TYPES: tt\_scustom TYPE TABLE OF ty\_scustom.

INTERFACES: IF\_AMDP\_MARKER\_HDB.

class-METHODS: fuzzy\_search importing value(iv\_name) type scustom-name

exporting value(et\_data) type tt\_scustom.

PROTECTED SECTION.

PRIVATE SECTION.

ENDCLASS.

CLASS zcl\_cds\_custom IMPLEMENTATION.

METHOD fuzzy\_search BY DATABASE PROCEDURE FOR HDB LANGUAGE SQLSCRIPT OPTIONS READ-ONLY USING zvw\_custom.

\* @AbapCatalog.sqlViewName: 'ZVW\_CUSTOM'

et\_data = select score( ) as score, id,

name,

form,

street,

postbox,

postcode,

city,

country,

region,

telephone,

custtype,

discount,

langu,

email,

webuser

from ZVW\_CUSTOM

where contains(name, :iv\_name, FUZZY(0.6))

order by score( ) desc;

ENDMETHOD.

ENDCLASS.

1. Test the class trough SE24:  
   