

Fakultet tehničkih nauka, DRA, Novi Sad

Predmet:

Sistemi skladišta podataka

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Rad u učionici ITC L3

- Windows:
 - User name: EMxxG2012 ili Exxxxx (xxxxx je broj indeksa)
 - Password: ftn
- Studenti koriste sledeće:
 - Bazu podataka db2012
 - Bazu podataka db2012wh

Rad u učionici ITC L3

- Baza podataka db2012:
 - Studentska korisnička šema (user schema) pod nazivom **Exxxxxx** (OLTP baza podataka)
 - User name: Exxxxx ili lxxxxx (xxxxx je broj indeksa)
 - Password: ftn
- Baza podataka db2012wh:
 - Studentska korisnička šema (user schema) pod nazivom **ExxxxxxWH** (OWB repository)
 - User name: ExxxxxxWH ili lxxxxxxWH (xxxxxx je broj indeksa)
 - Password: ftn

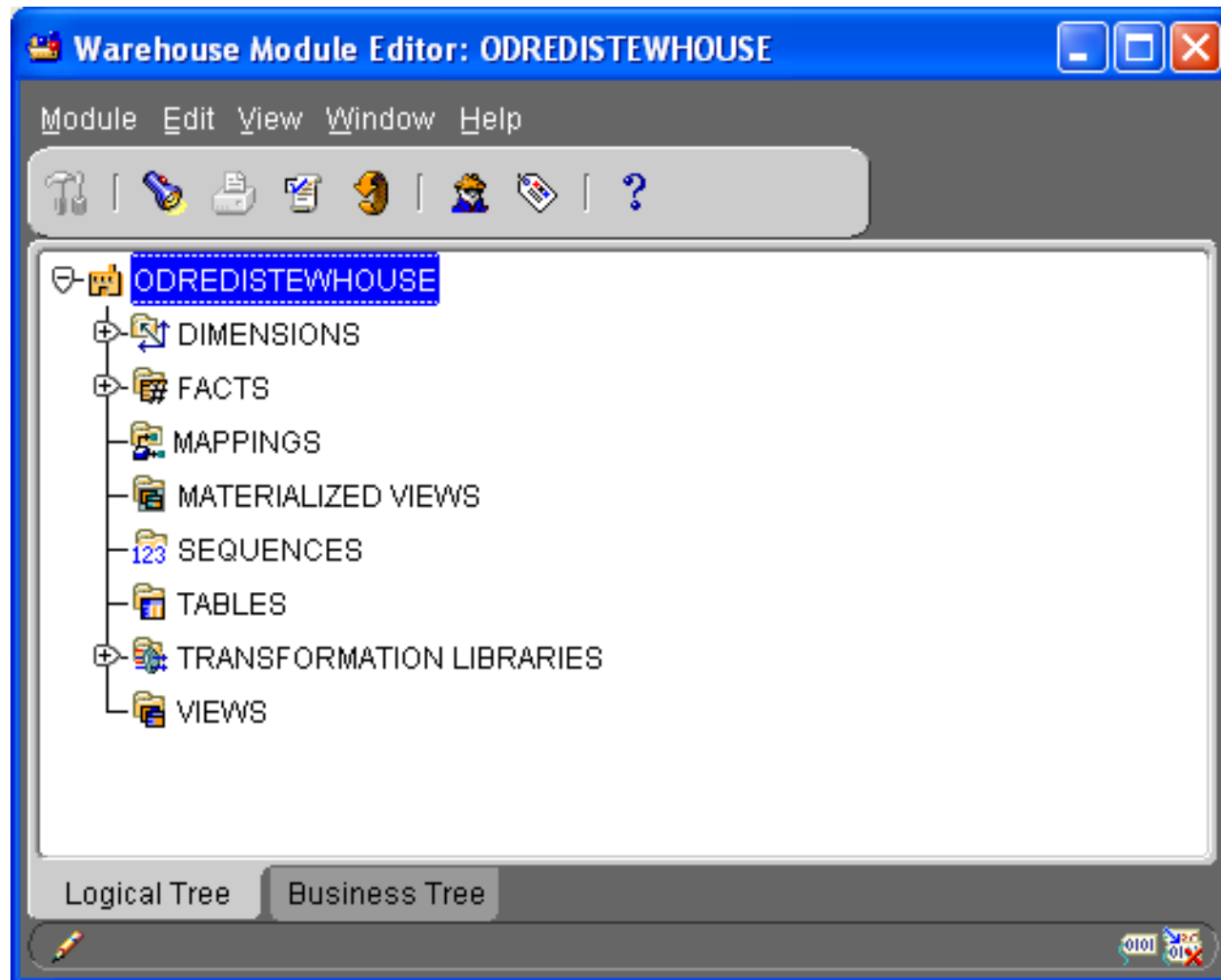
Rad u učionici ITC L3

- Podaci potrebni za konektovanje na baze podataka (db2012 ili db2012wh)
 - Host Name: 192.168.3.51
 - Port Number: 1521
 - Oracle SID, database name: db2012 ili db2012wh
- Administratorski nalog (biće dostupan samo na prvom času za kreiranje OWB repozitorijuma):
 - User name: sys
 - Password: sys

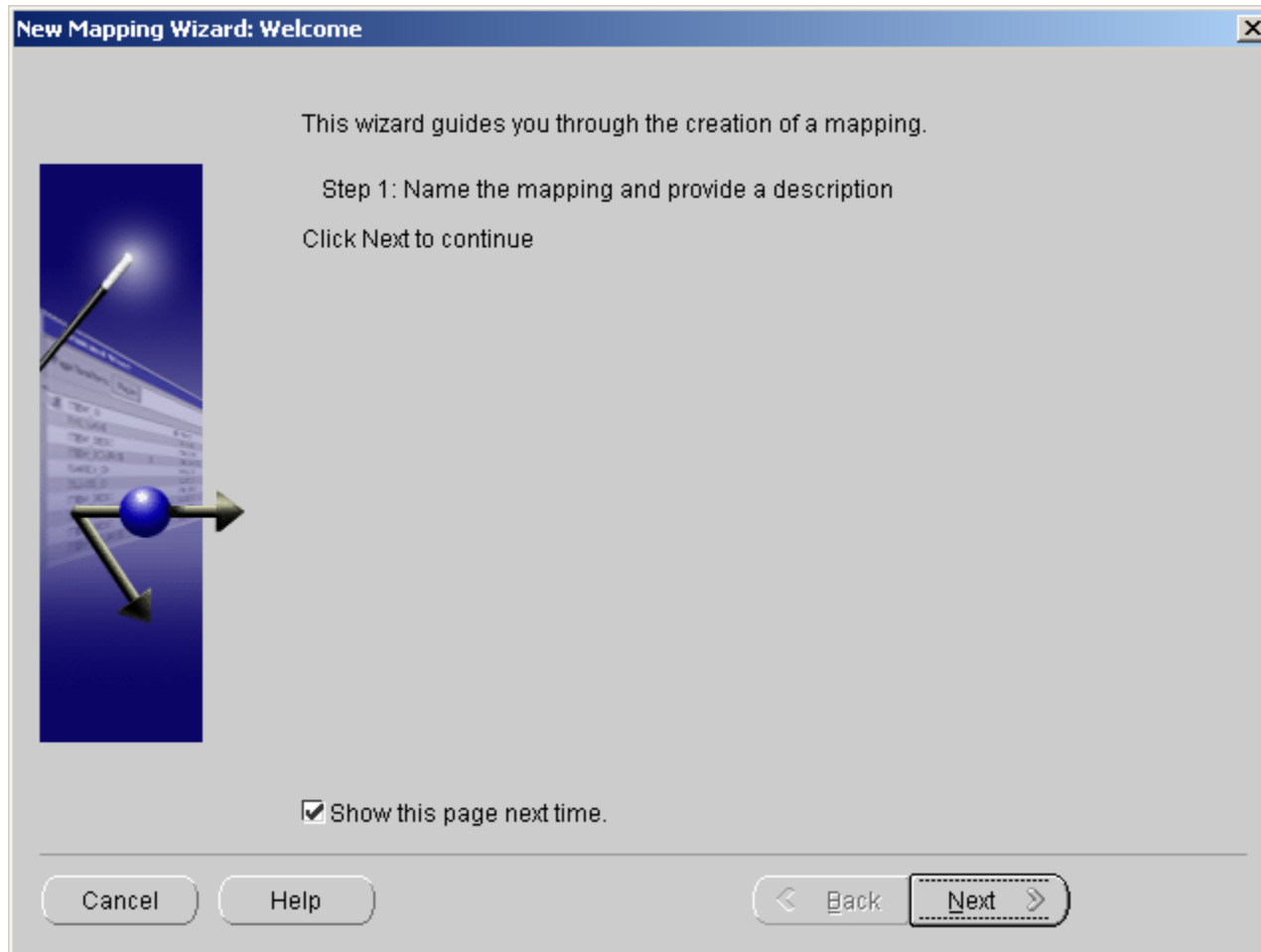
Rad u učionici ITC L3

- Podaci potrebni za konektovanje na asistentsku bazu podataka (primer Studentske službe)
 - Host Name: 192.168.3.51
 - Port Number: 1521
 - Database name: db2012
 - User name: asistent
 - Password: sofokle

Mapiranje



Mapiranje



Mapiranje dimenzije NASTAVNIKDIM

New Mapping Wizard: Name

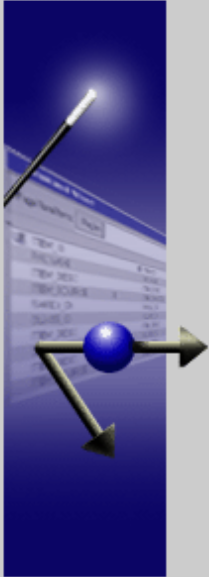
Type in a name for the mapping:

MAP_NASTAVNICI_DIM

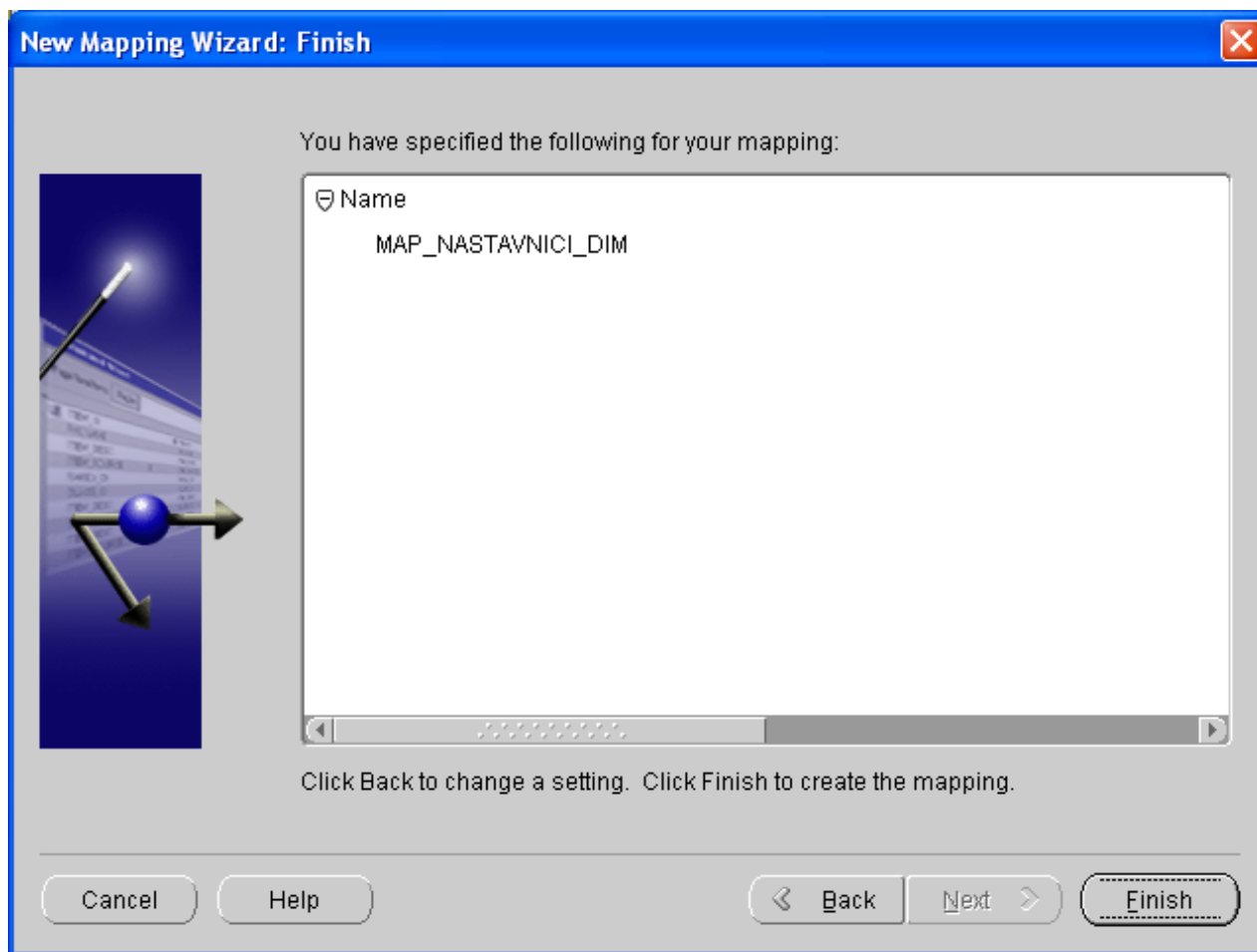
Type in an optional description:

Mapiranje dimenzije nastavnikdim

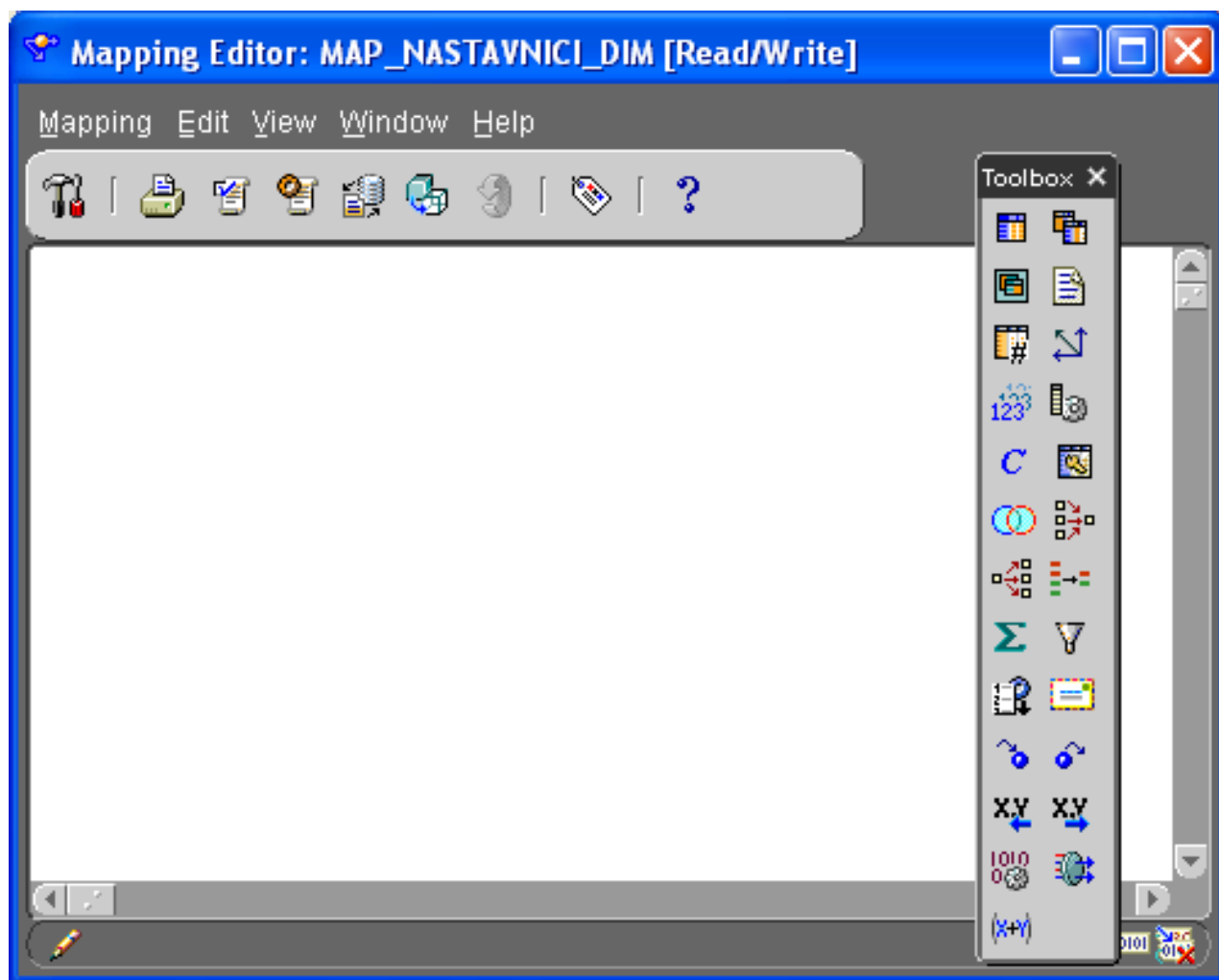
Cancel Help Back Next Finish



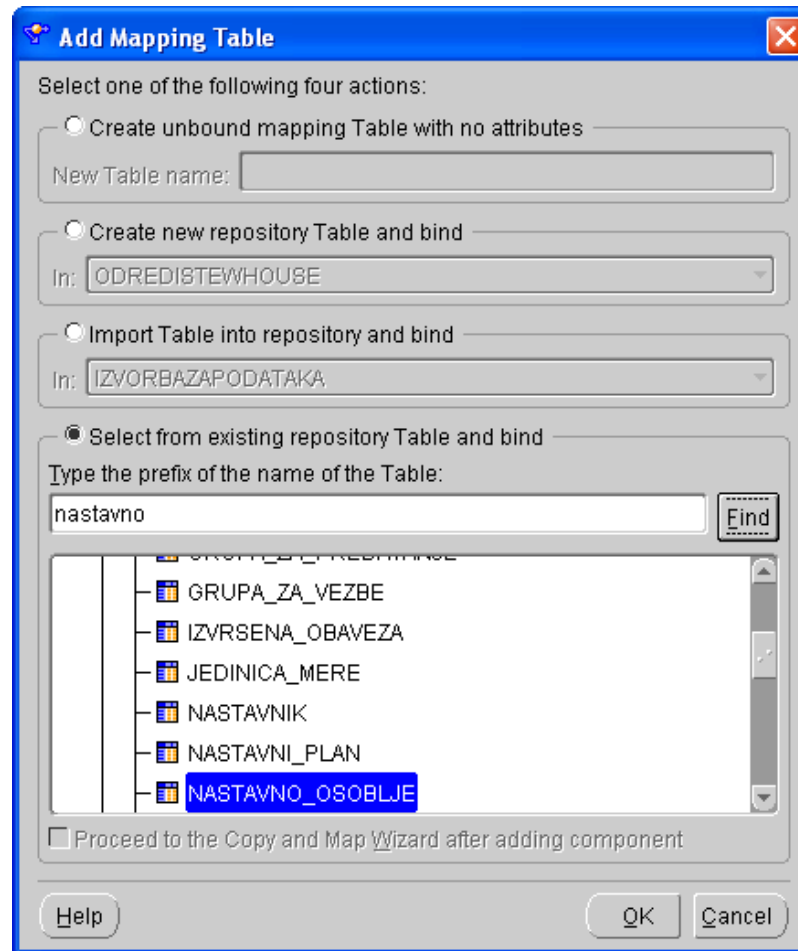
Mapiranje dimenzije NASTAVNIKDIM



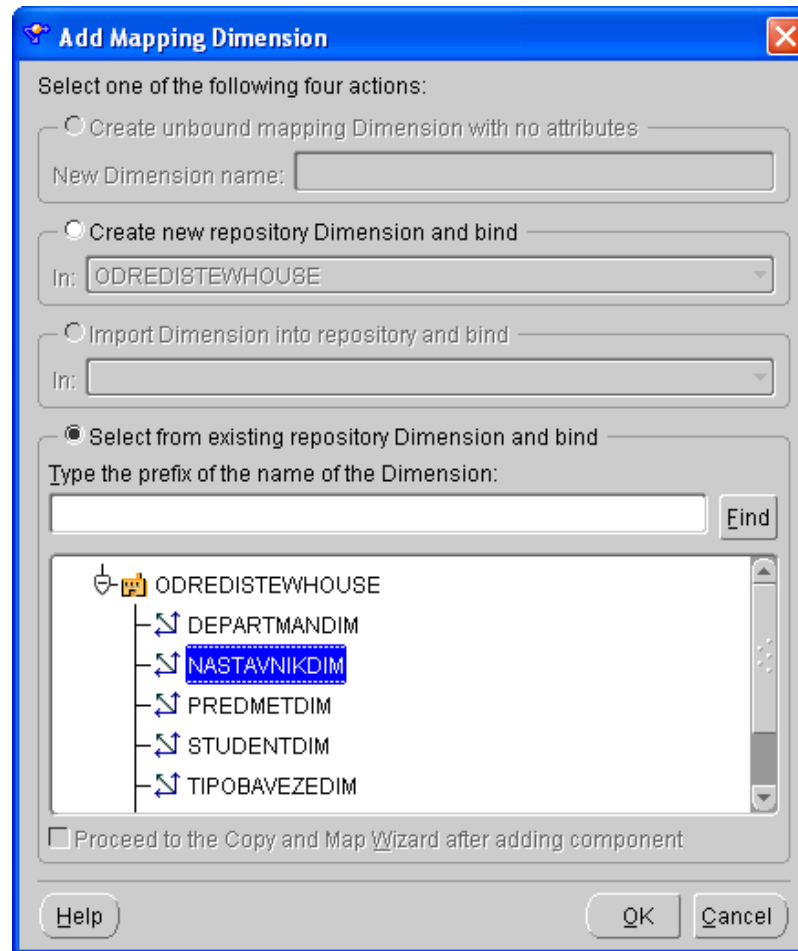
Mapiranje dimenzije NASTAVNIKDIM



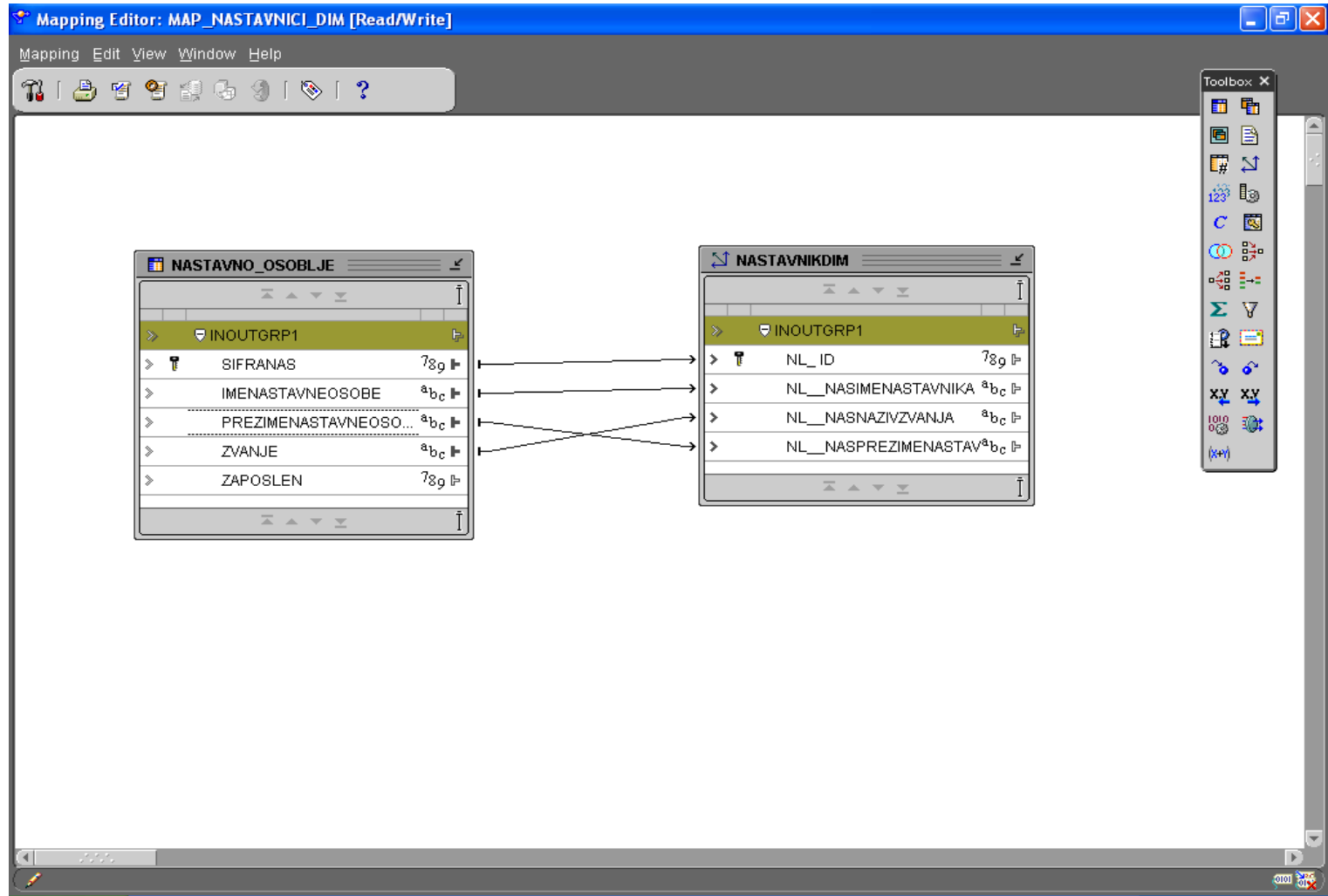
Mapiranje dimenzije NASTAVNIKDIM



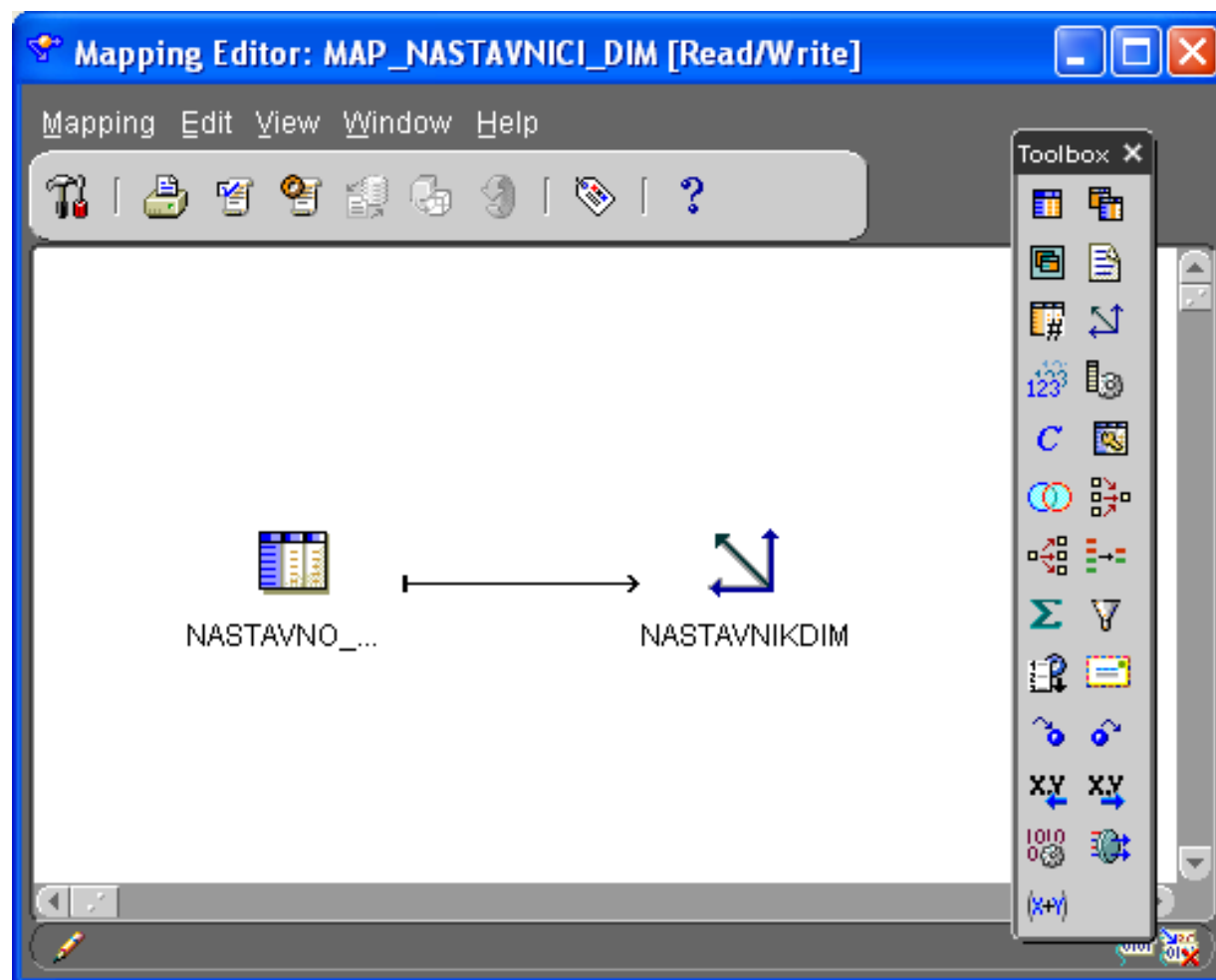
Mapiranje dimenzije NASTAVNIKDIM



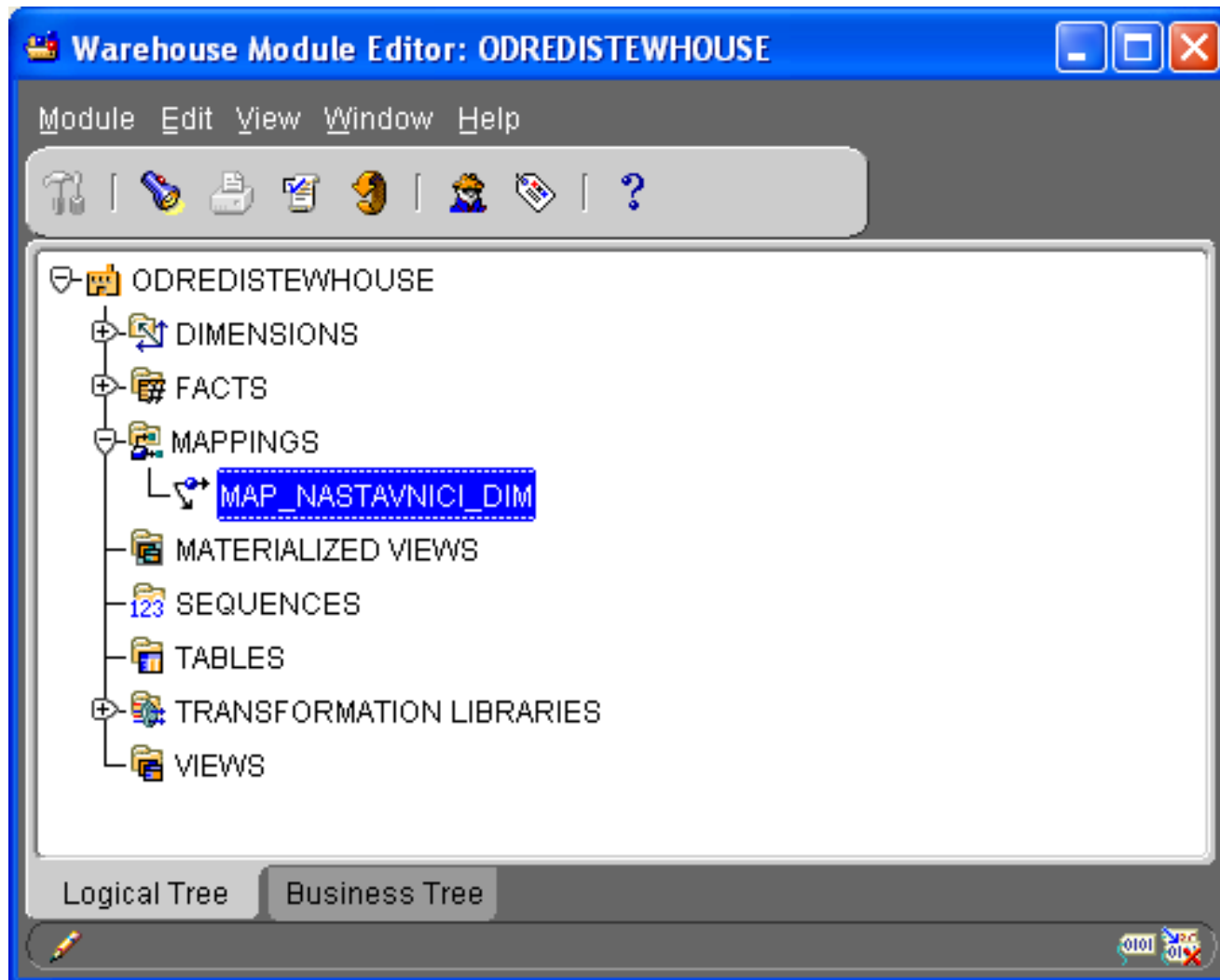
Mapiranje dimenzije NASTAVNIKDIM



Mapiranje dimenzije NASTAVNIKDIM



Mapiranje



Mapiranje dimenzije STUDENTDIM

New Mapping Wizard: Name

Type in a name for the mapping:

MAP_STUDENT_DIM

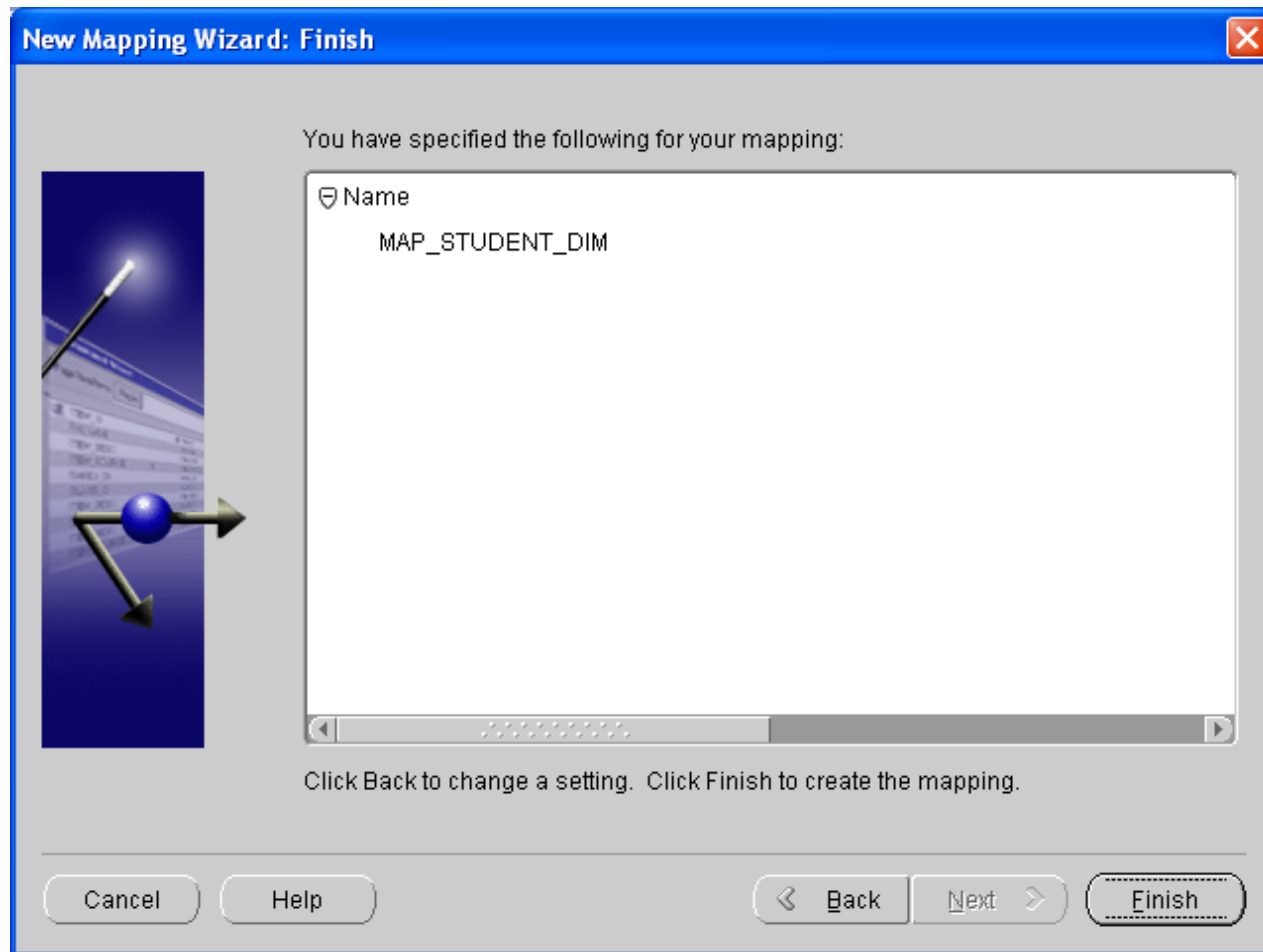
Type in an optional description:

Mapiranje dimenzije studentdim

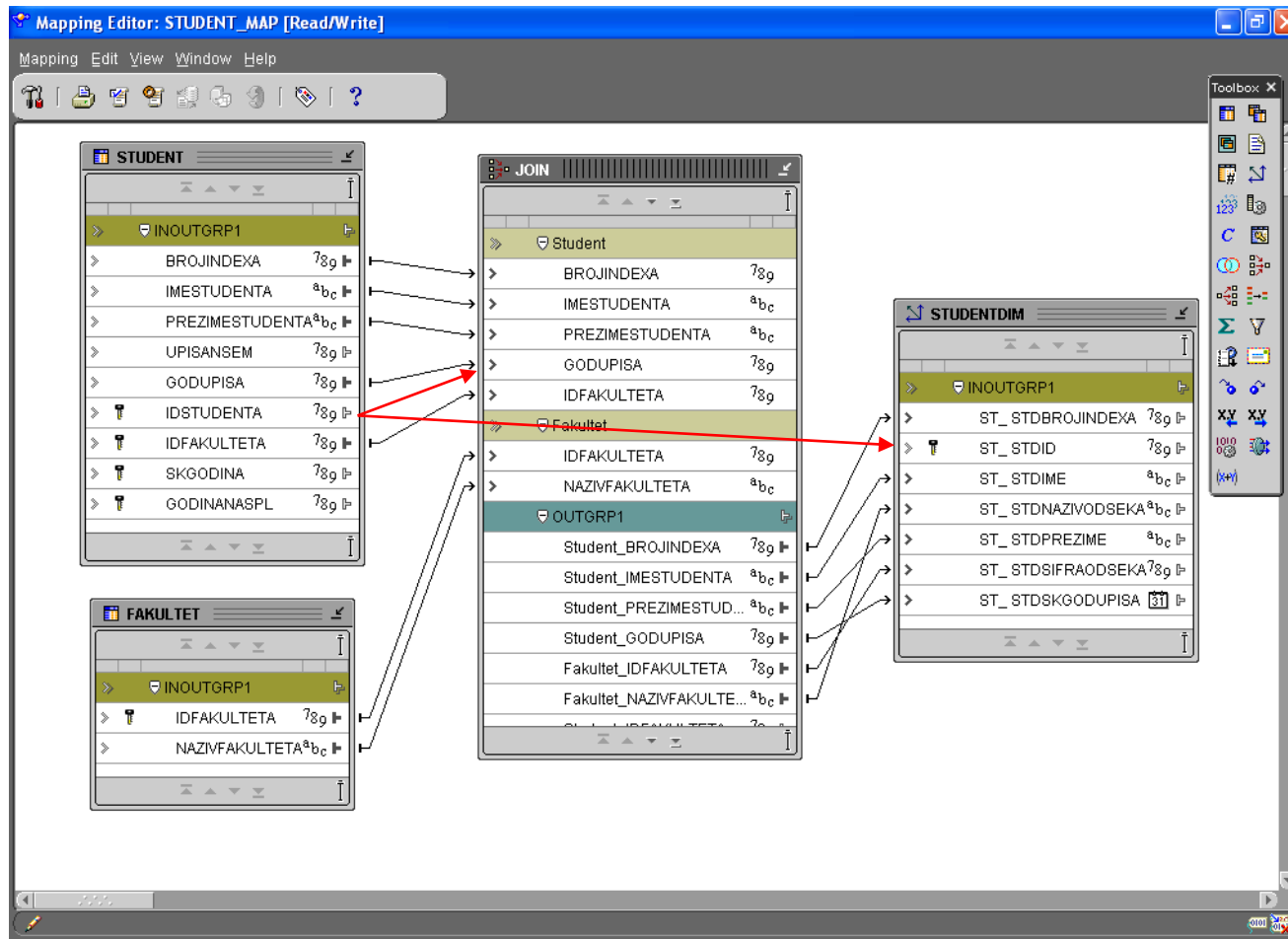
Cancel Help Back Next Finish

A vertical blue sidebar on the left side of the dialog box. It contains a graphic of a blue sphere with two yellow arrows pointing outwards, one upwards and one downwards, set against a dark blue background with a faint grid pattern.

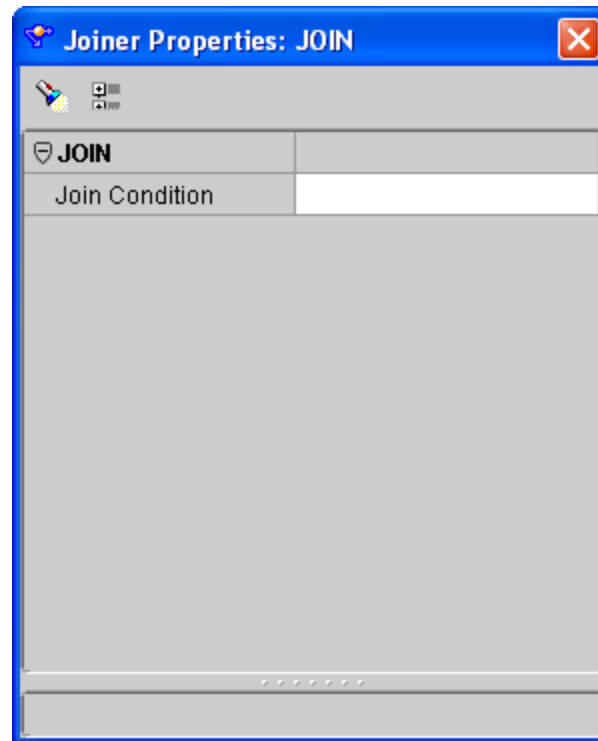
Mapiranje dimenzije STUDENTDIM



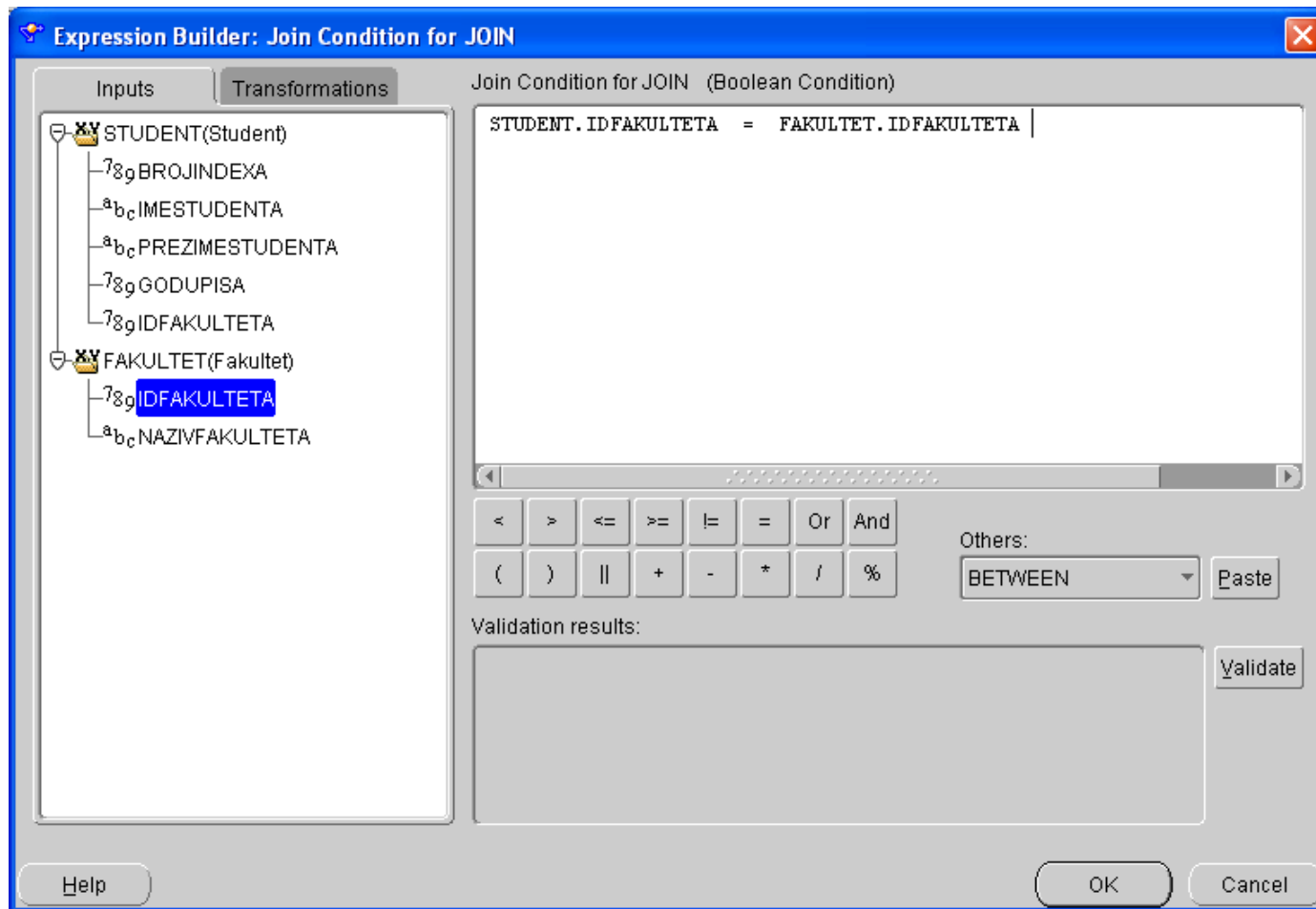
Mapiranje dimenzije STUDENTDIM



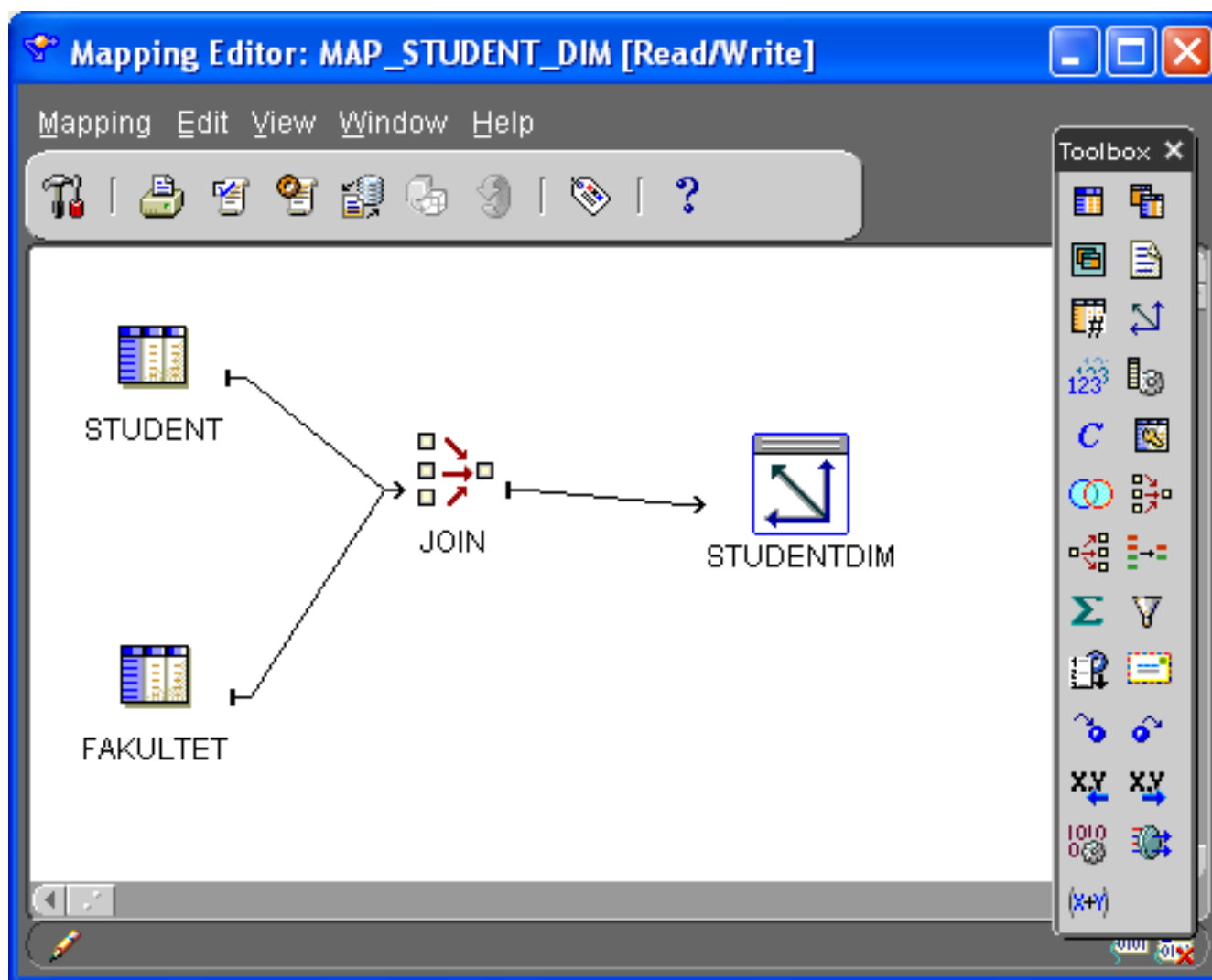
Mapiranje dimenzije STUDENTDIM



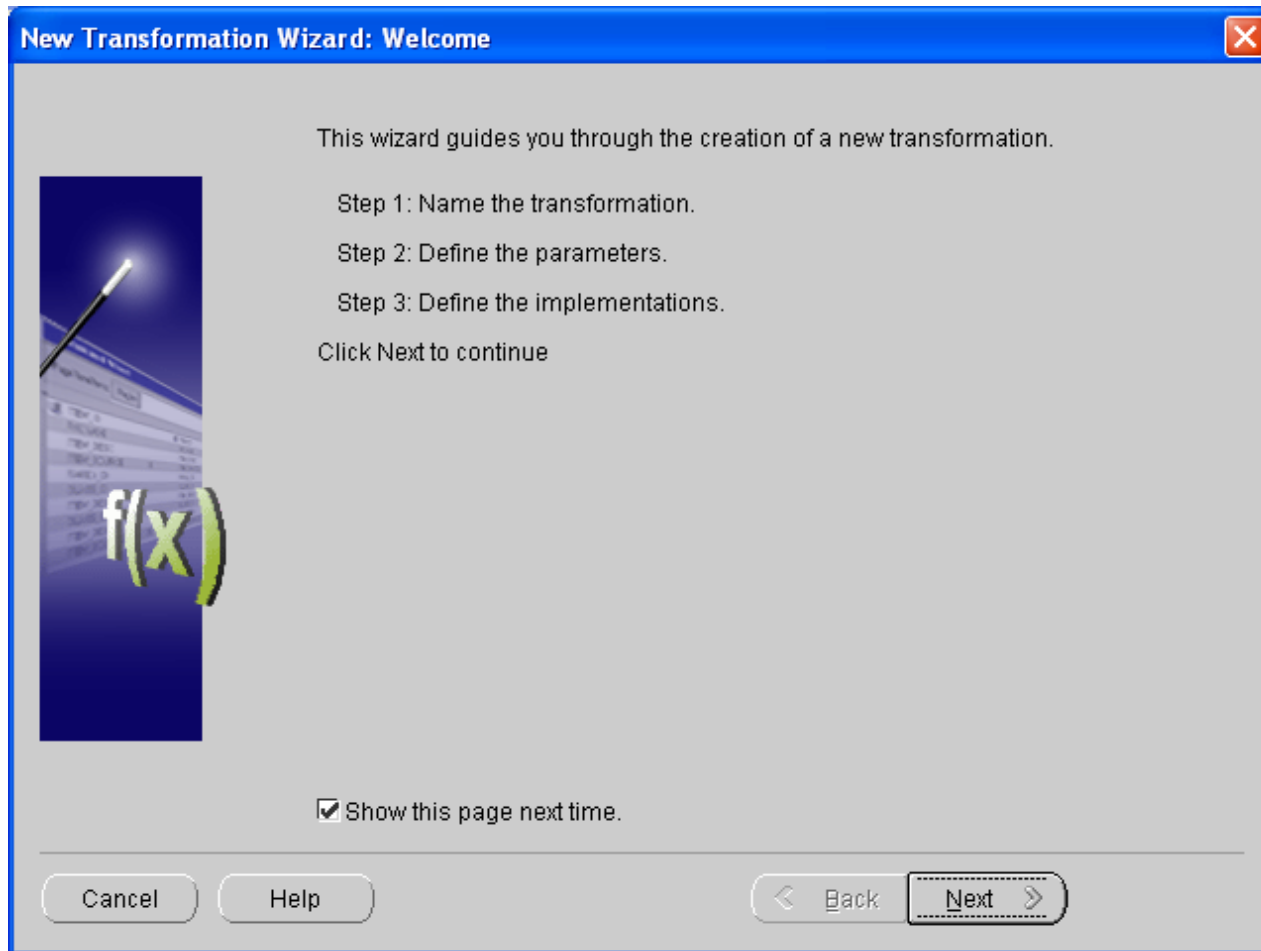
Mapiranje dimenzije STUDENTDIM



Mapiranje dimenzije STUDENTDIM



Kreiranje procedure GENERATE_TIME



Kreiranje procedure GENERATE_TIME

New Transformation Wizard: Name

Type in a name for the transformation:

GENERATE_TIME

Type in an optional description:

Procedura koja ce inicijalno popuniti tabelu vremestim

Cancel Help Back Next Finish

Kreiranje procedure

GENERATE_TIME

New Transformation Wizard: Parameters

Click Add to create a new parameter and fill out the fields in the new row. Click Remove to delete a selected parameter.

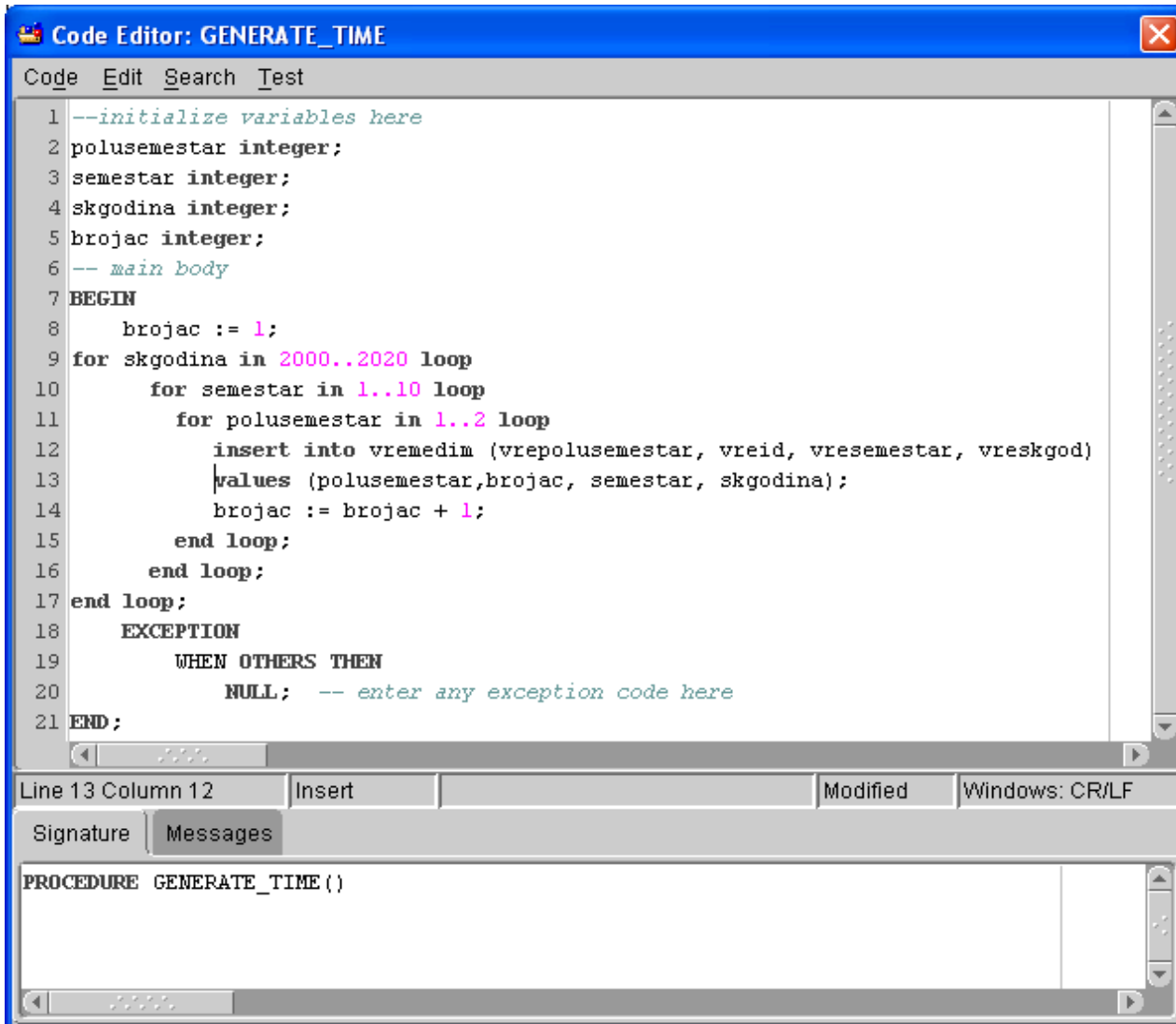
Name	Position	Type	I/O	Require
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Add Remove

Cancel Help Back Next Finish

Kreiranje procedure GENERATE_TIME



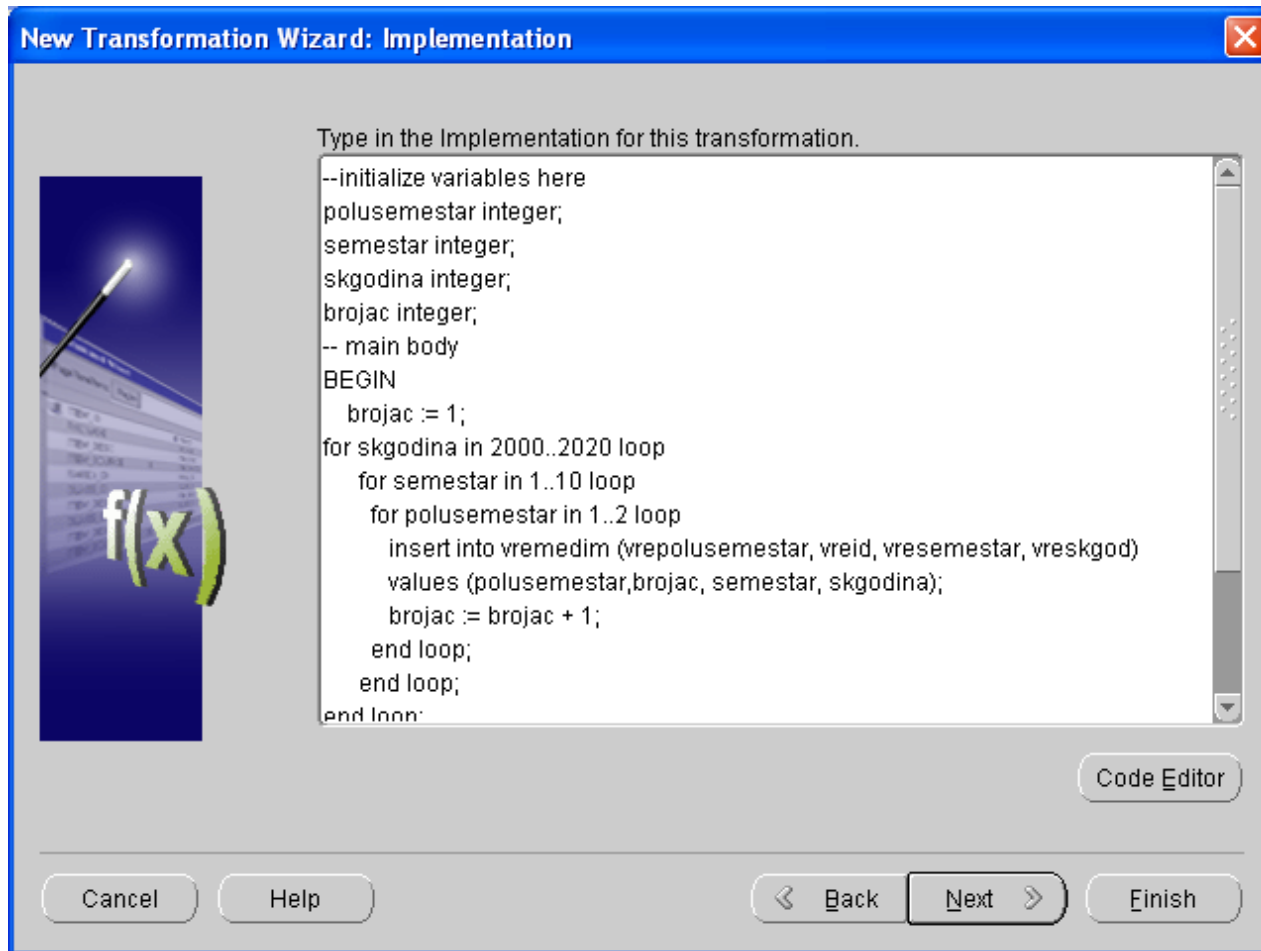
```
Code Editor: GENERATE_TIME
Code Edit Search Test
1  --initialize variables here
2  polusemestar integer;
3  semestar integer;
4  skgodina integer;
5  brojac integer;
6  -- main body
7  BEGIN
8      brojac := 1;
9  for skgodina in 2000..2020 loop
10     for semestar in 1..10 loop
11         for polusemestar in 1..2 loop
12             insert into vremedim (vrepolusemestar, vreid, vresemestar, vreskgod)
13             values (polusemestar,brojac, semestar, skgodina);
14             brojac := brojac + 1;
15         end loop;
16     end loop;
17 end loop;
18 EXCEPTION
19     WHEN OTHERS THEN
20         NULL; -- enter any exception code here
21 END;
```

Line 13 Column 12 Insert Modified Windows: CR/LF

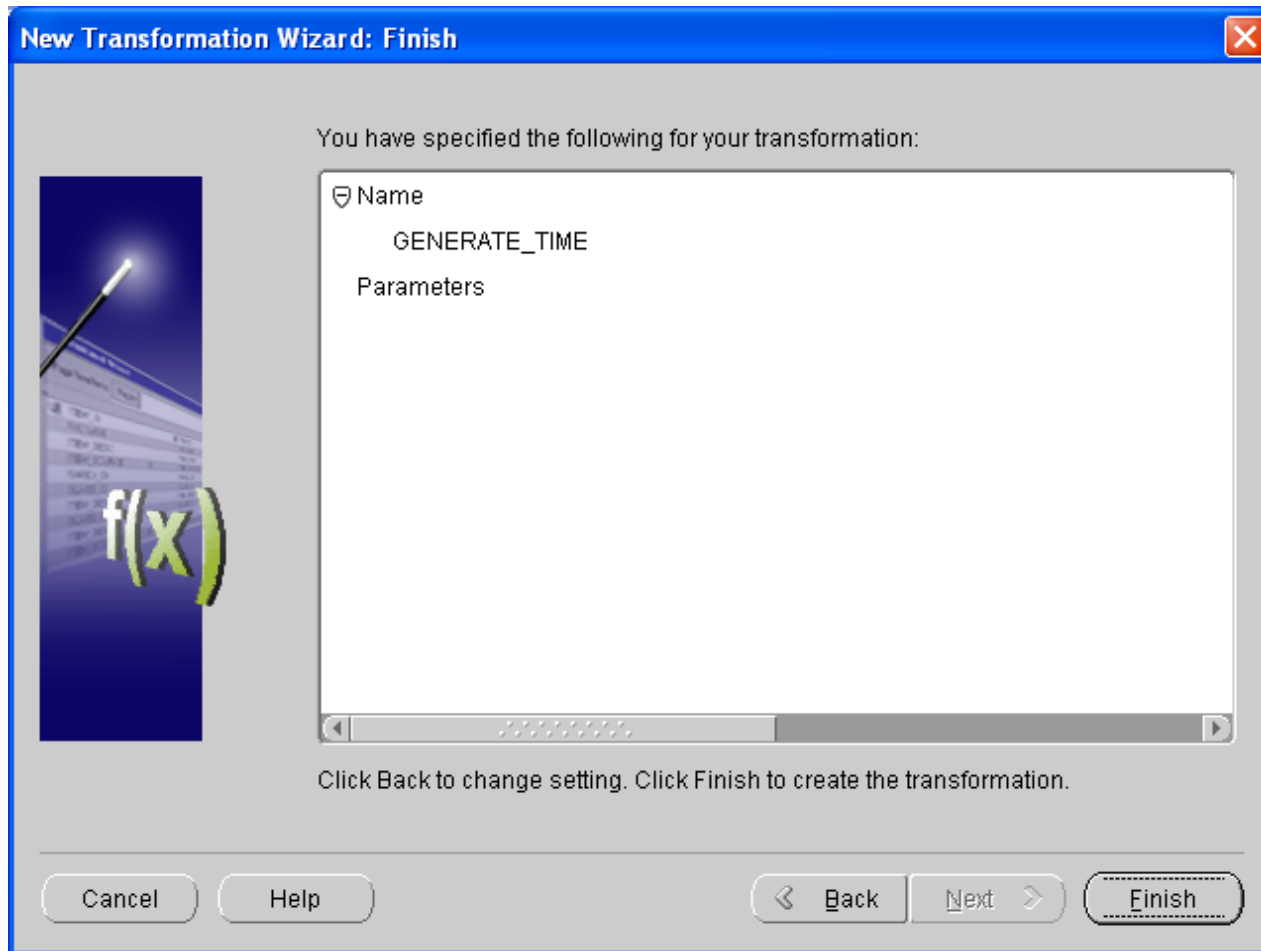
Signature Messages

PROCEDURE GENERATE_TIME()

Kreiranje procedure GENERATE_TIME



Kreiranje procedure GENERATE_TIME



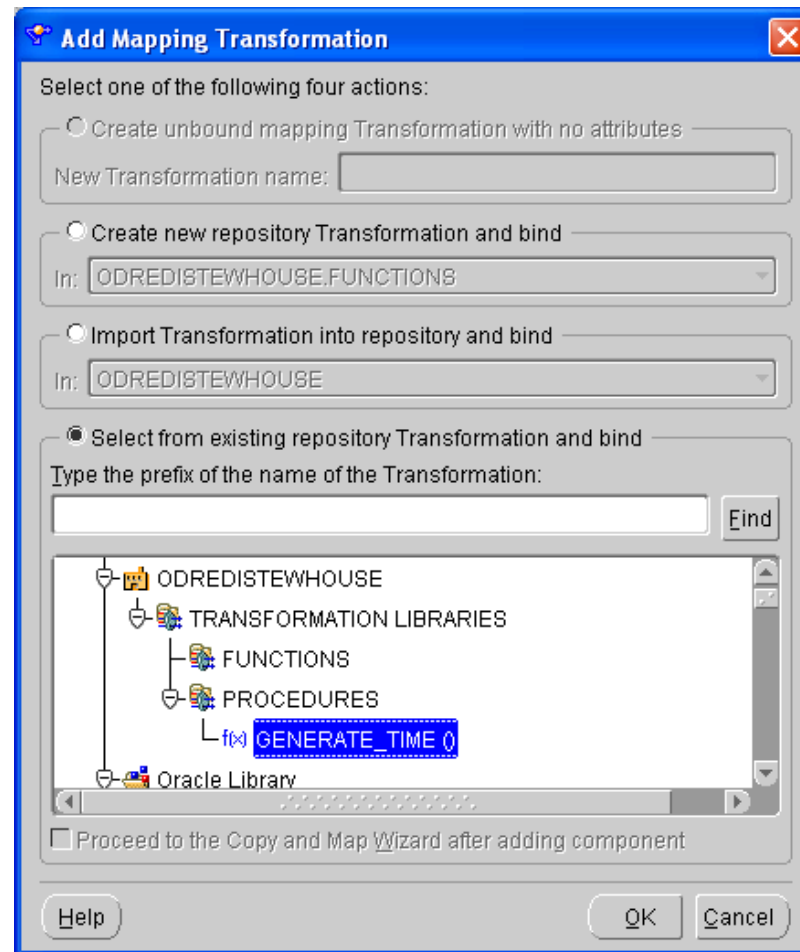
Mapiranje dimenzije VREMEDIM

The screenshot shows the Mapping Editor interface for MAP_VREMEDIM. It features a menu bar (Mapping, Edit, View, Window, Help) and a toolbar with various icons. Two data tables are displayed side-by-side:

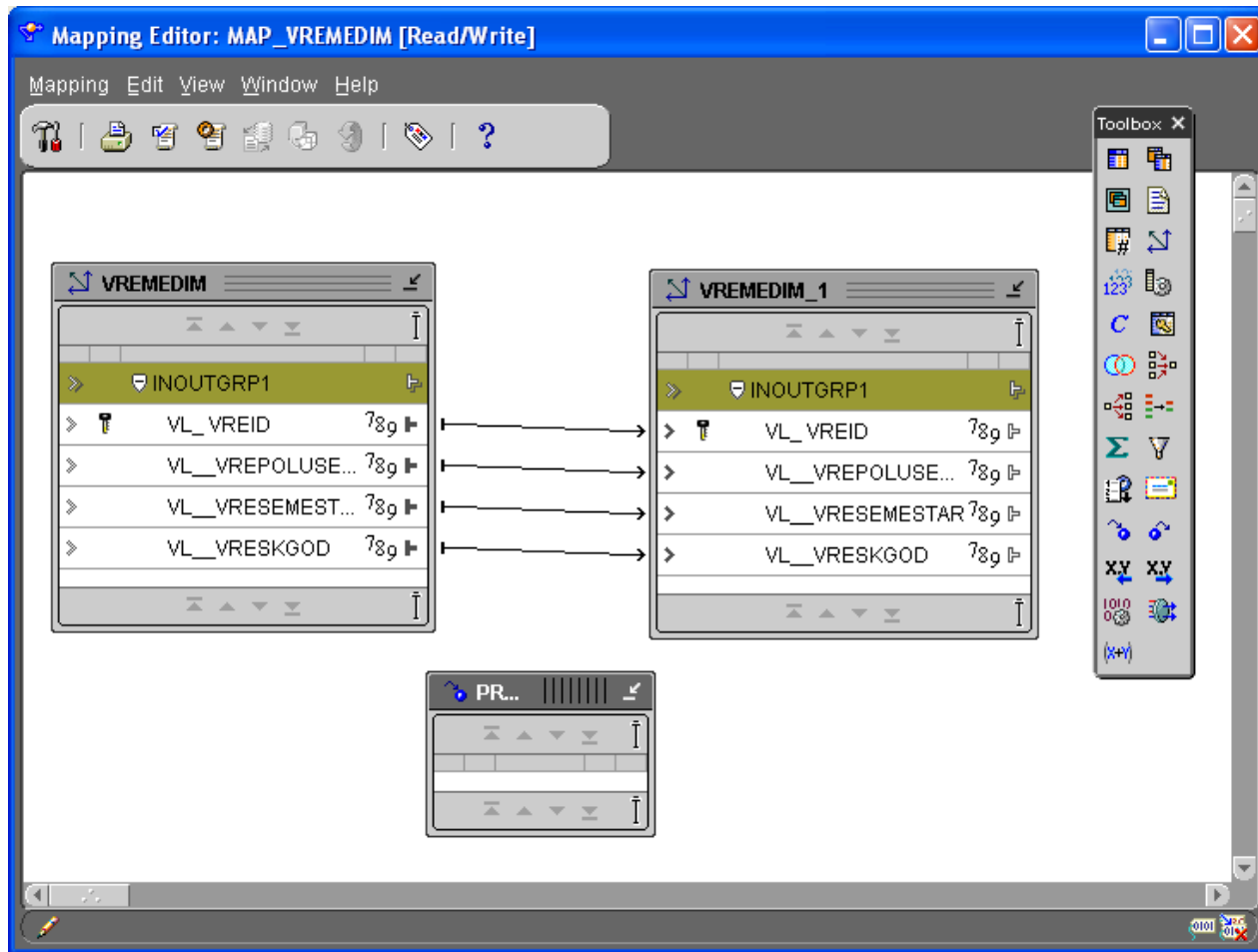
- VREMEDIM**: Contains a group INOUTGRP1 with four dimensions: VL_VREID, VL__VREPOLUSE..., VL__VRESEMEST..., and VL__VRESKGOD.
- VREMEDIM_1**: Contains a group INOUTGRP1 with four dimensions: VL_VREID, VL__VREPOLUSE..., VL__VRESEMESTAR, and VL__VRESKGOD.

An arrow points from the text "Pre-mapping Process" to the VREMEDIM_1 table. A vertical toolbox on the right contains various mapping tools, including a blue icon with a double-headed arrow and the text "X.Y" and "X.Y".

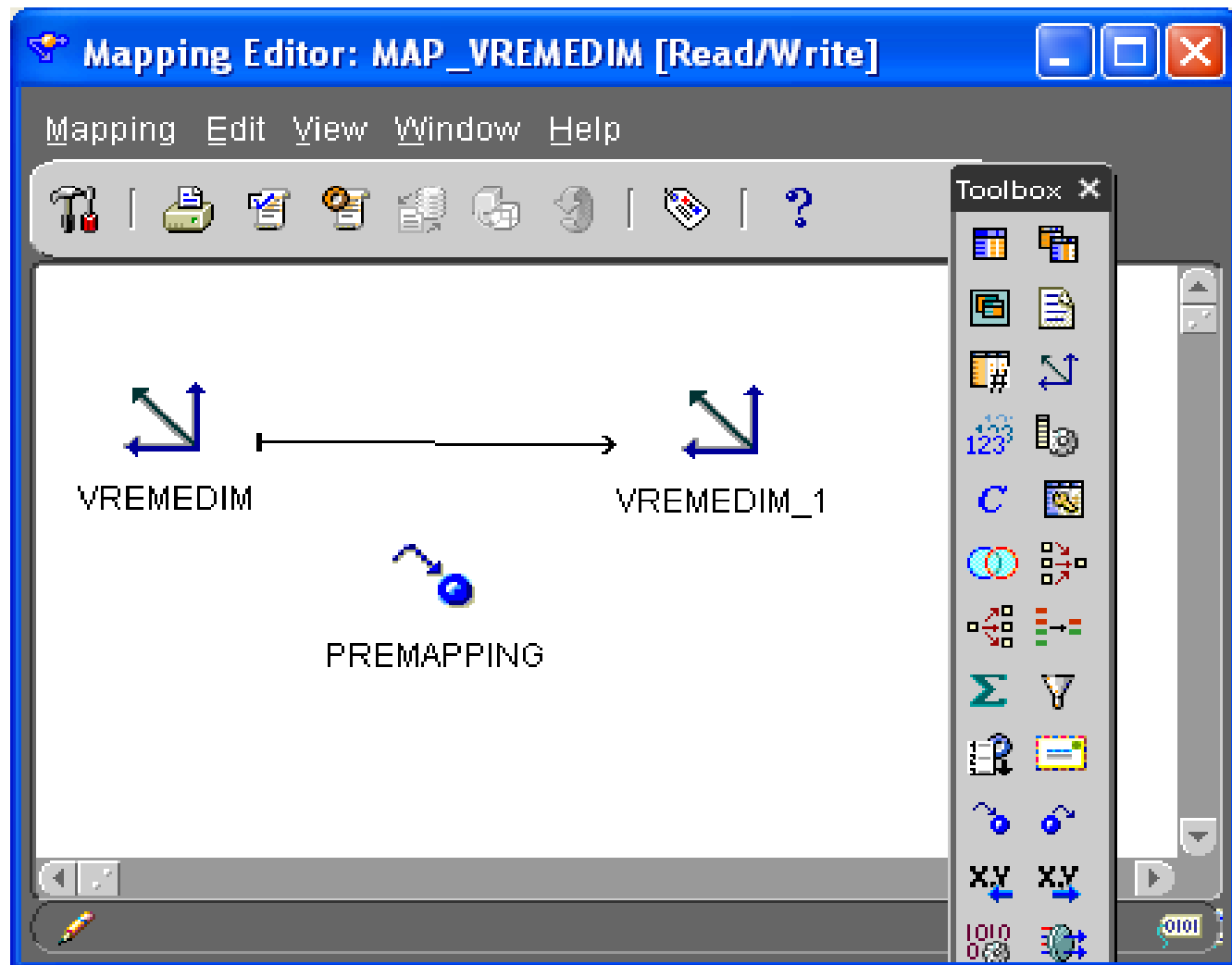
Mapiranje dimenzije VREMEDIM



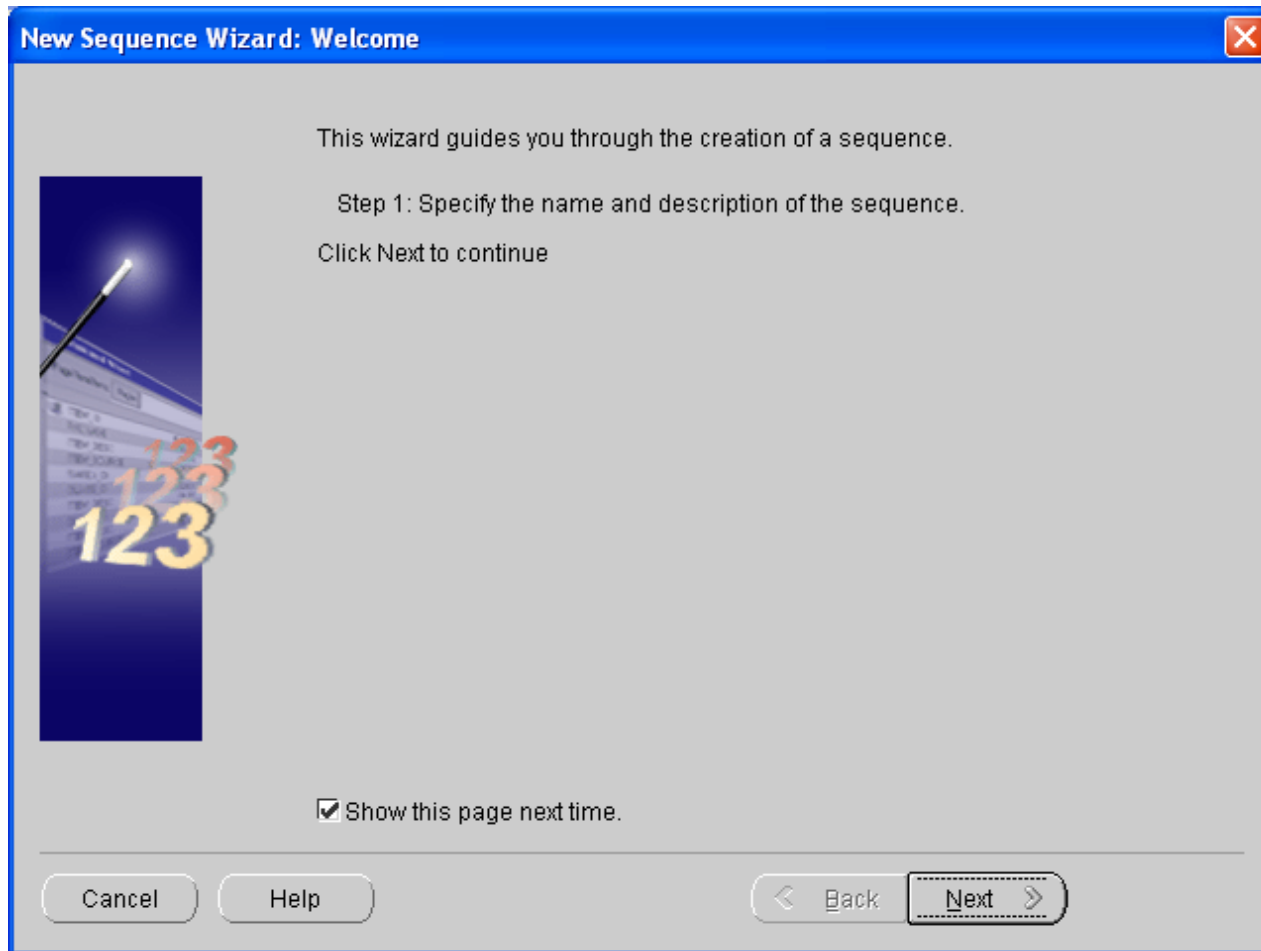
Mapiranje dimenzije VREMEDIM



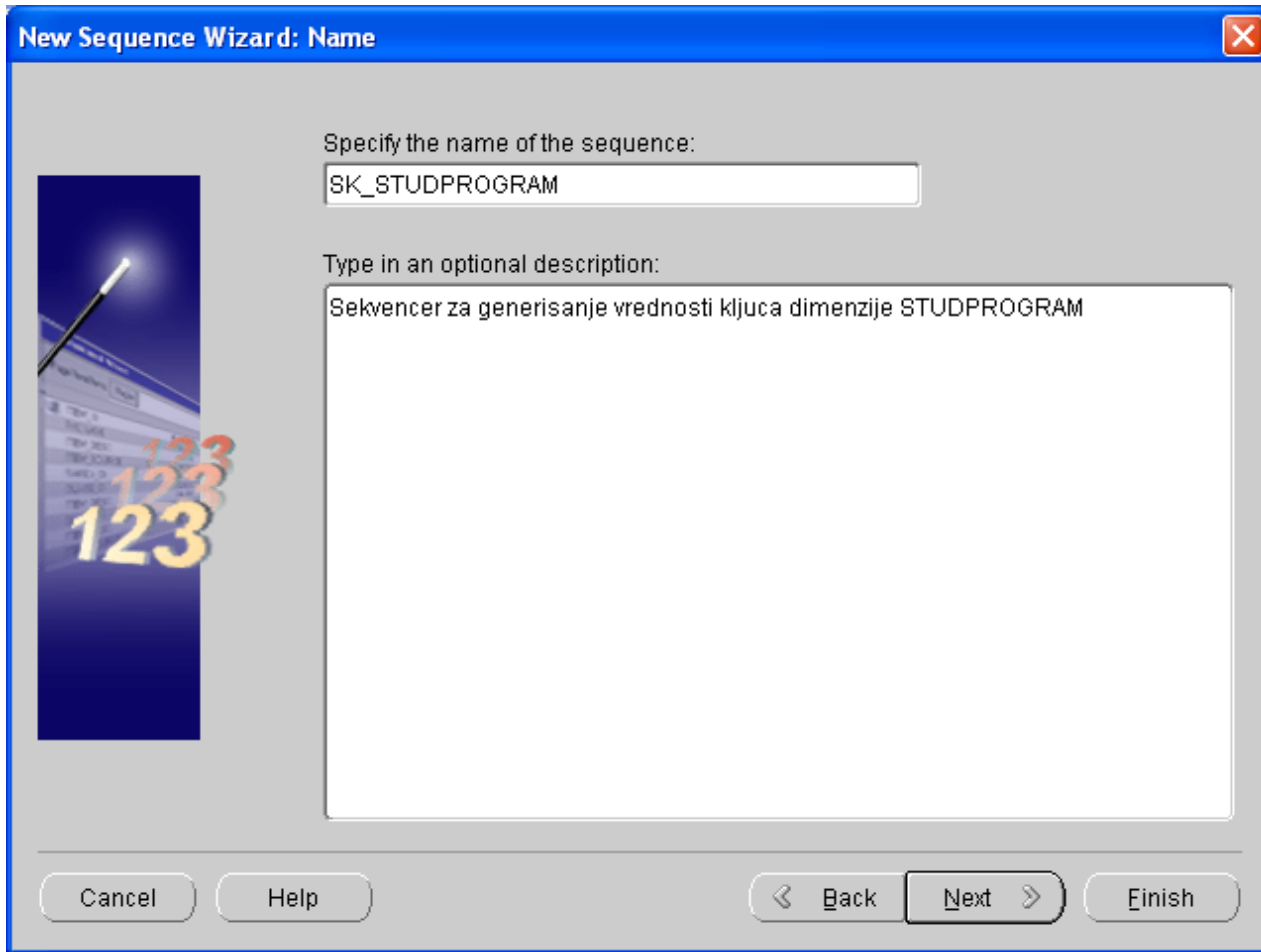
Mapiranje dimenzije VREMEDIM



Kreiranje sekvencera



Kreiranje sekvencera



The image shows a 'New Sequence Wizard: Name' dialog box. On the left is a vertical blue bar with a white wand icon and the numbers '123' in a 3D, glowing font. The main area has a light gray background. It contains two text input fields: the first is labeled 'Specify the name of the sequence:' and contains the text 'SK_STUDPROGRAM'; the second is labeled 'Type in an optional description:' and contains the text 'Sekvencer za generisanje vrednosti kljuca dimenzije STUDPROGRAM'. At the bottom are four buttons: 'Cancel', 'Help', 'Back' (with a left arrow), and 'Next' (with a right arrow), followed by a 'Finish' button.

New Sequence Wizard: Name

Specify the name of the sequence:

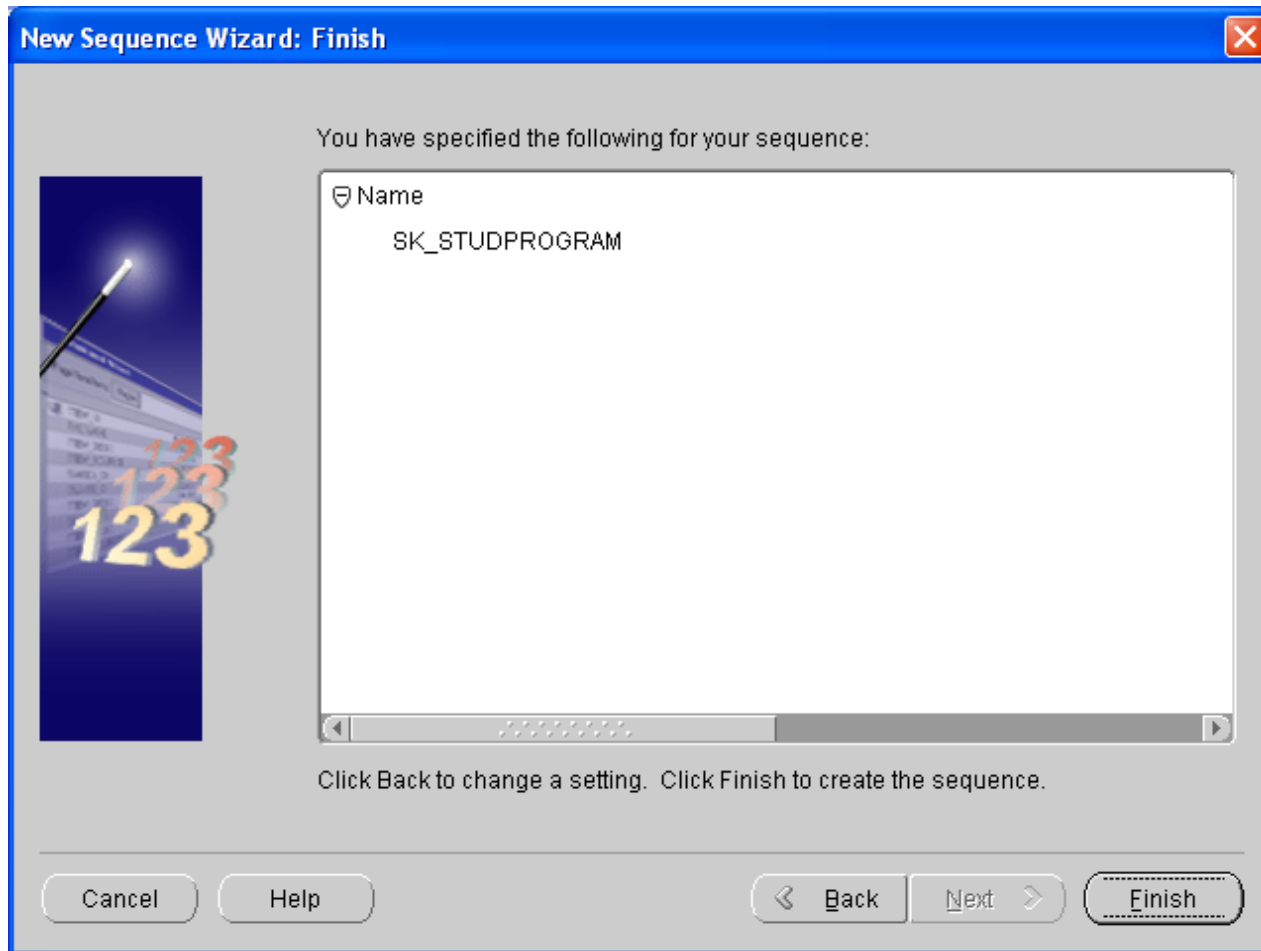
SK_STUDPROGRAM

Type in an optional description:

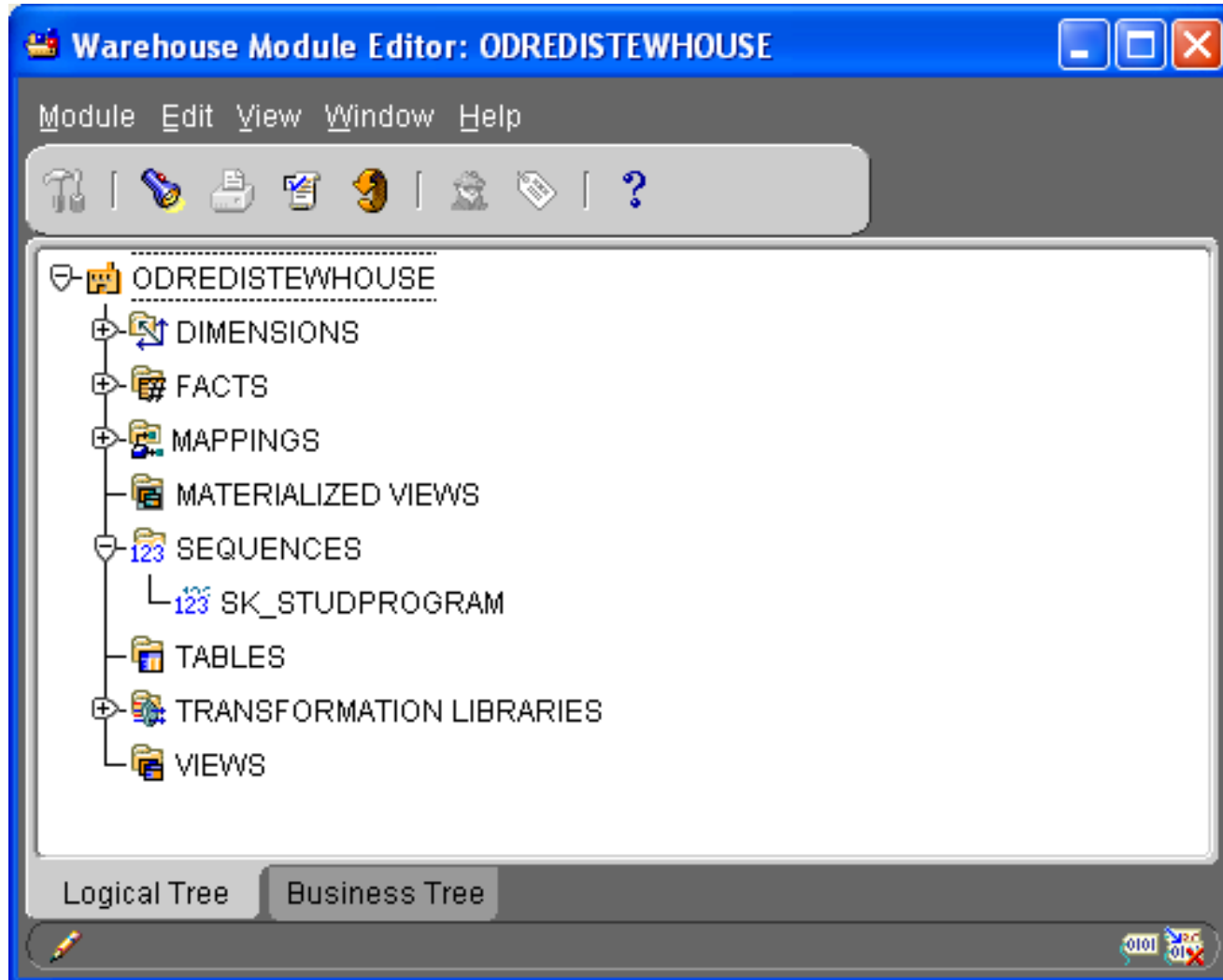
Sekvencer za generisanje vrednosti kljuca dimenzije STUDPROGRAM

Cancel Help Back Next Finish

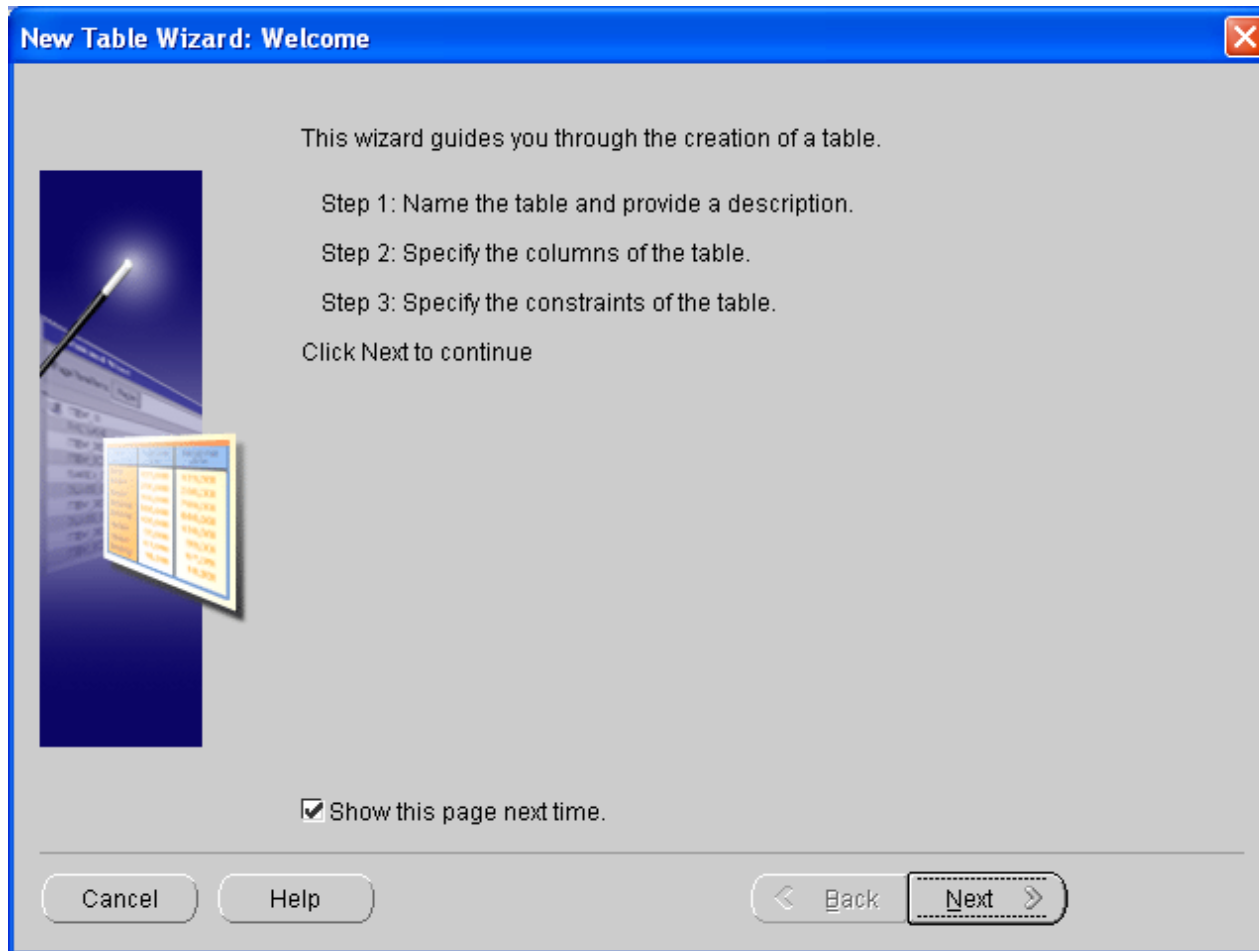
Kreiranje sekvencera



Kreiranje sekvencera



Kreiranje tabele



Kreiranje tabele

New Table Wizard: Name

Type in a name for the table:
STAGE_STUDPROGRAM

Type in an optional description:
Pomoćna tabela za popunjavanje studijskog programa u predmetnim

Cancel Help < Back Next > Finish

A vertical illustration on the left side of the wizard window. It features a blue background with a glowing magic wand pointing towards a small, tilted table. The table has a yellow header and several rows of data, including numerical values and text.

Kreiranje tabele

New Table Wizard: Columns

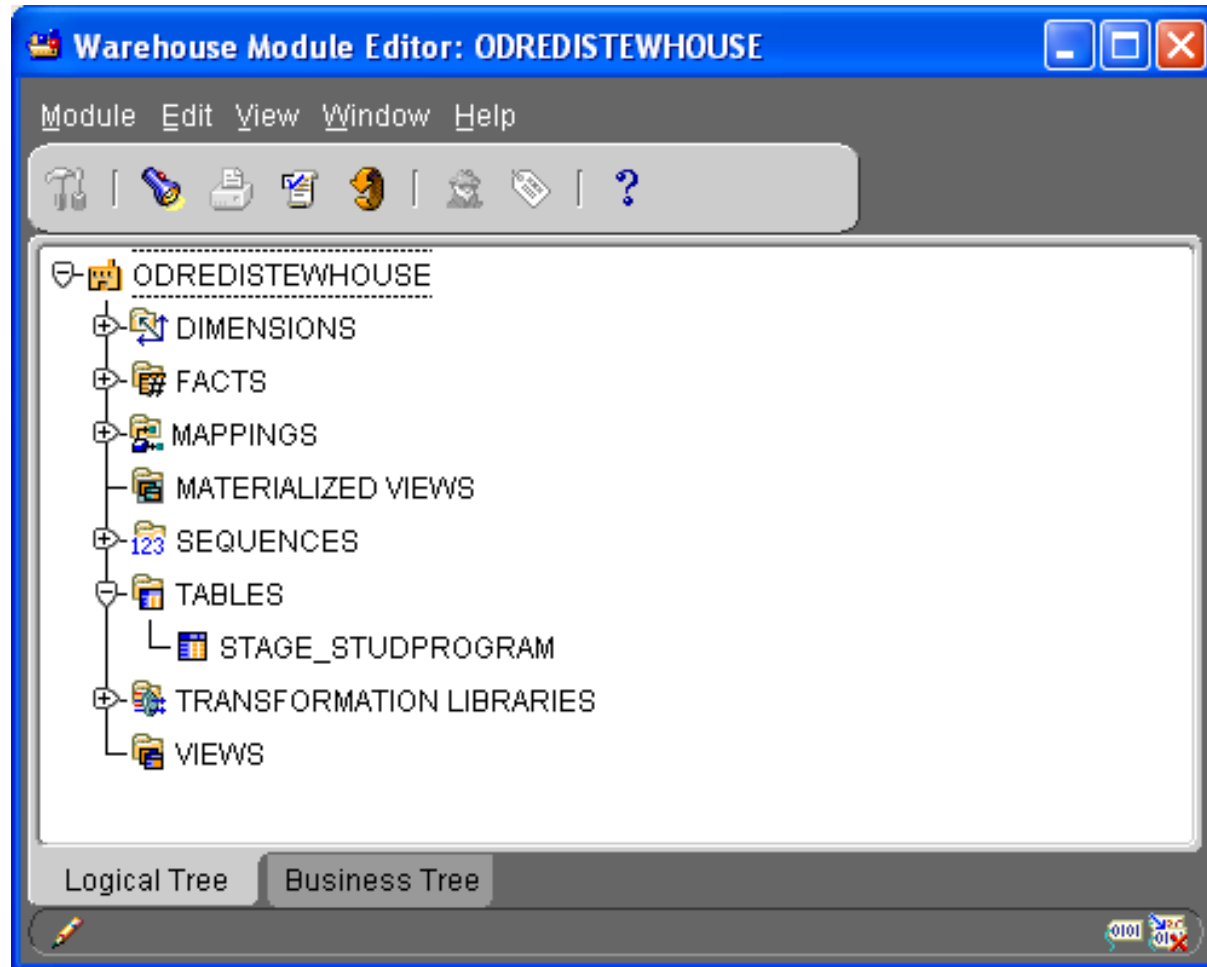
Specify the columns of the table below:

Name	Position	Data Type	Length	Precisi...	Scale
SK_GODINA	1	NUMBER		0	0
ID_FAKULTETA	2	NUMBER		0	0
GODINANASPL	3	NUMBER		0	0
STUDPROGRAMID	4	NUMBER		0	0

Add Remove

Cancel Help Back Next Finish

Kreiranje tabele



Mapiranje dimenzije PREDMETDIM - level STUDPROGRAMLEVEL

New Mapping Wizard: Name

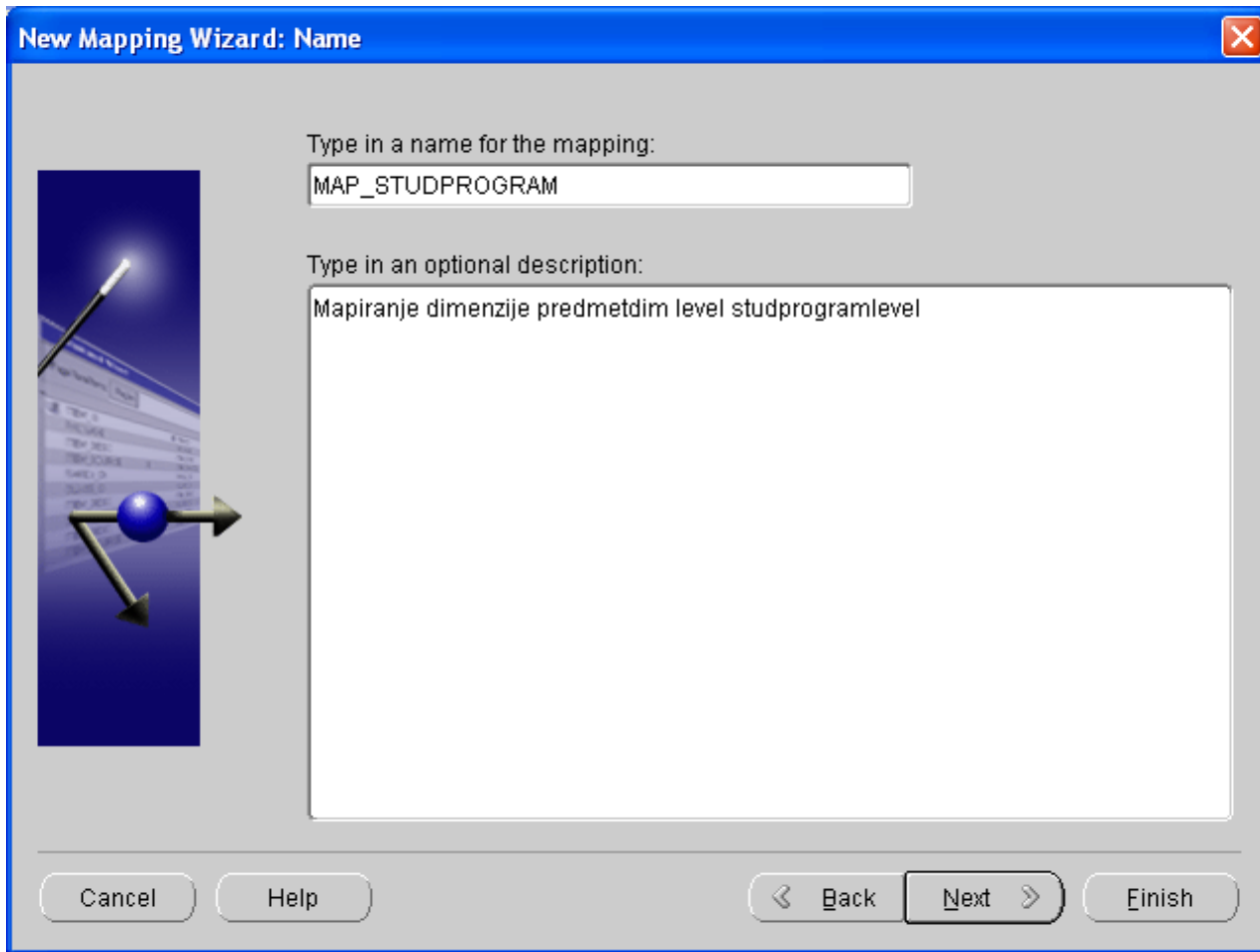
Type in a name for the mapping:

MAP_STUDPROGRAM

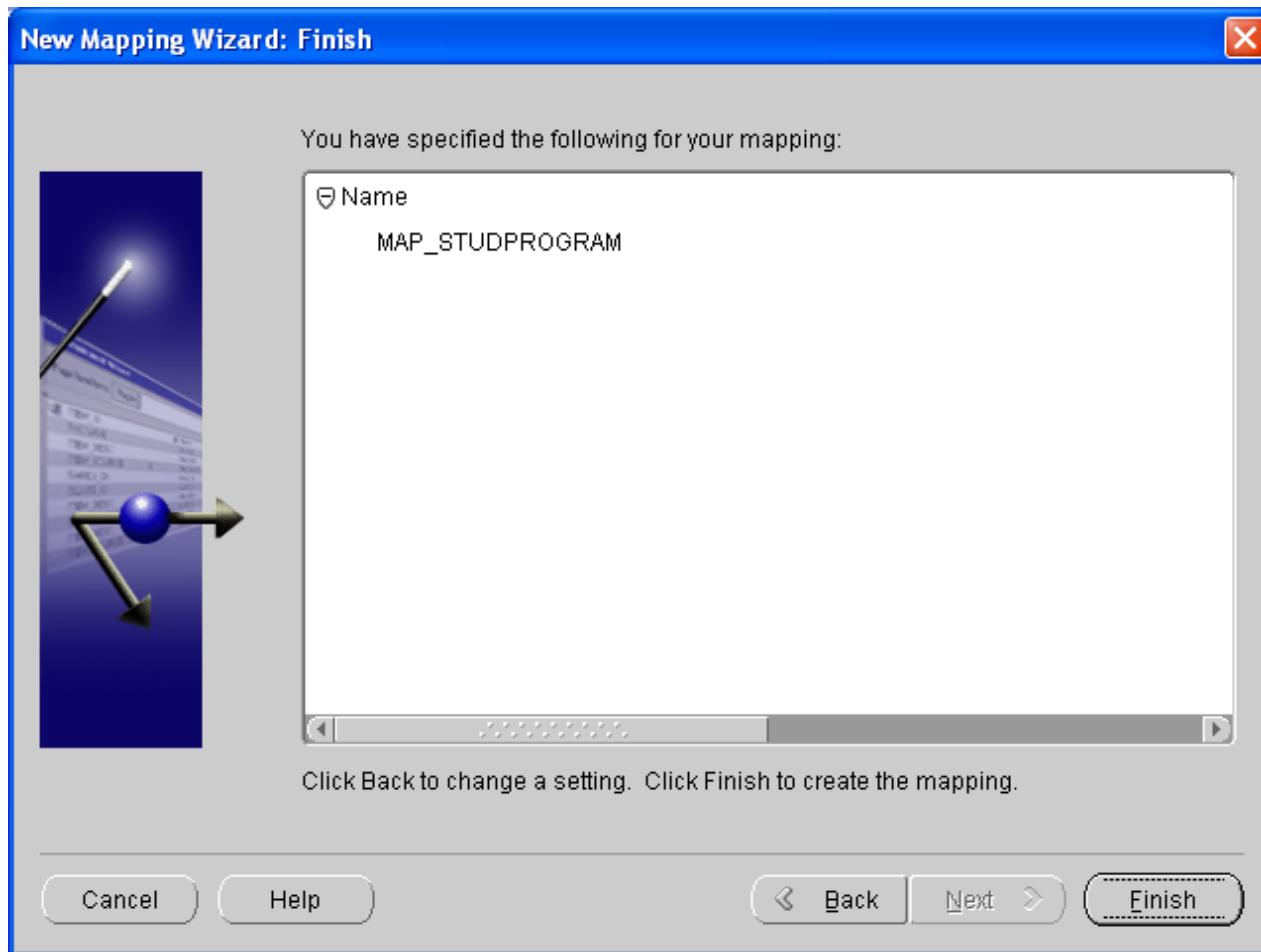
Type in an optional description:

Mapiranje dimenzije predmetdim level studprogramlevel

Cancel Help < Back Next > Finish

The image shows a 'New Mapping Wizard' dialog box with a blue title bar. On the left is a vertical blue bar with a graphic of a blue sphere and two arrows. The main area has two text input fields. The first field contains 'MAP_STUDPROGRAM'. The second field contains 'Mapiranje dimenzije predmetdim level studprogramlevel'. At the bottom are five buttons: 'Cancel', 'Help', '< Back', 'Next >', and 'Finish'.

Mapiranje dimenzije PREDMETDIM - level STUDPROGRAMLEVEL



Mapiranje dimenzije PREDMETDIM - level STUDPROGRAMLEVEL

Add Mapping Table

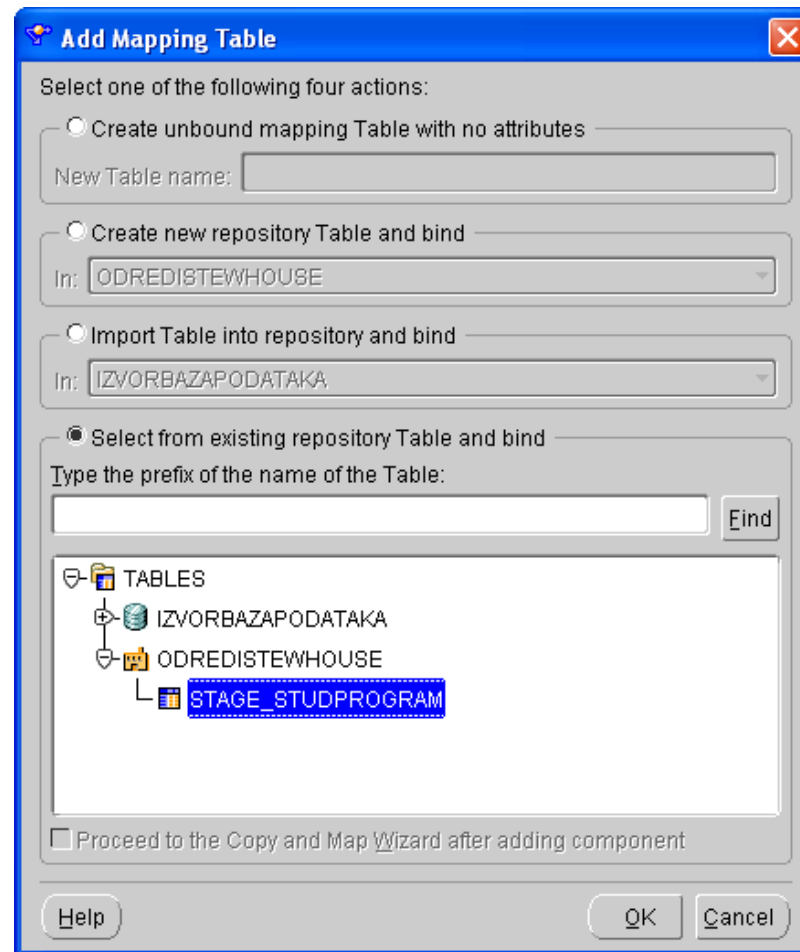
Select one of the following four actions:

- ☐ Create unbound mapping Table with no attributes
New Table name:
- ☐ Create new repository Table and bind
In:
- ☐ Import Table into repository and bind
In:
- ☒ Select from existing repository Table and bind
Type the prefix of the name of the Table:

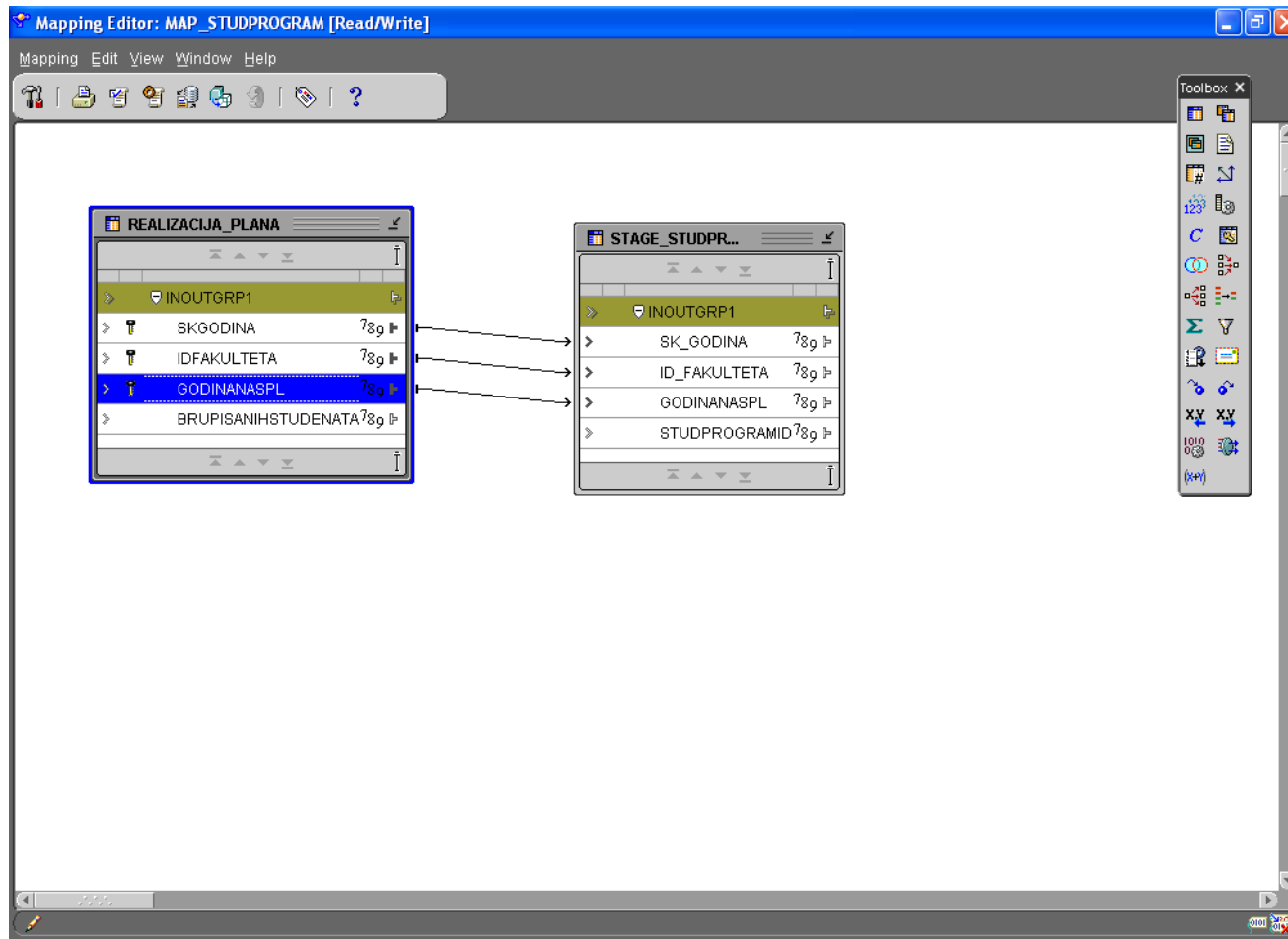
☐	POHADJA VEZBE
☐	POHADJA_PREDAVANJA
☐	PREDMET
☐	PREDMET_U_SEMESTRU
☒	REALIZACIJA_PLANA
☐	SADRZANA_OBAVEZA

☐ Proceed to the Copy and Map Wizard after adding component

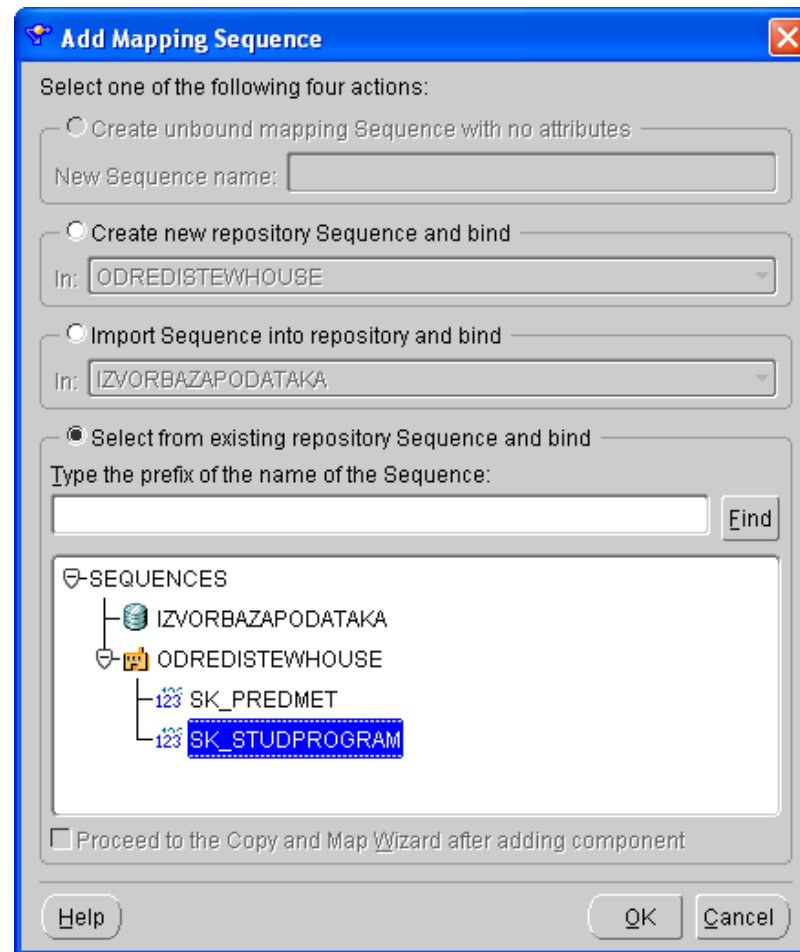
Mapiranje dimenzije PREDMETDIM - level STUDPROGRAMLEVEL



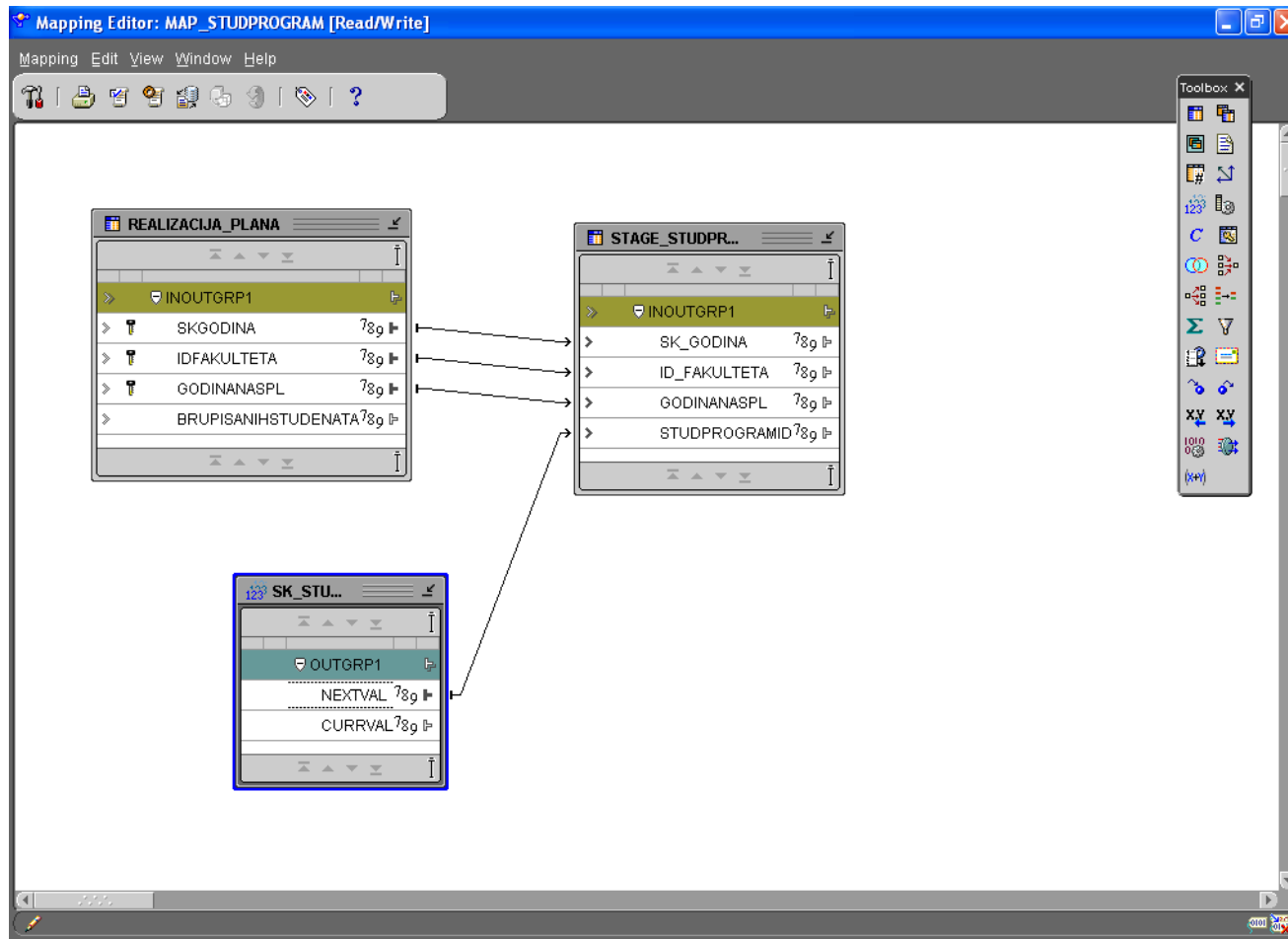
Mapiranje dimenzije PREDMETDIM - level STUDPROGRAMLEVEL



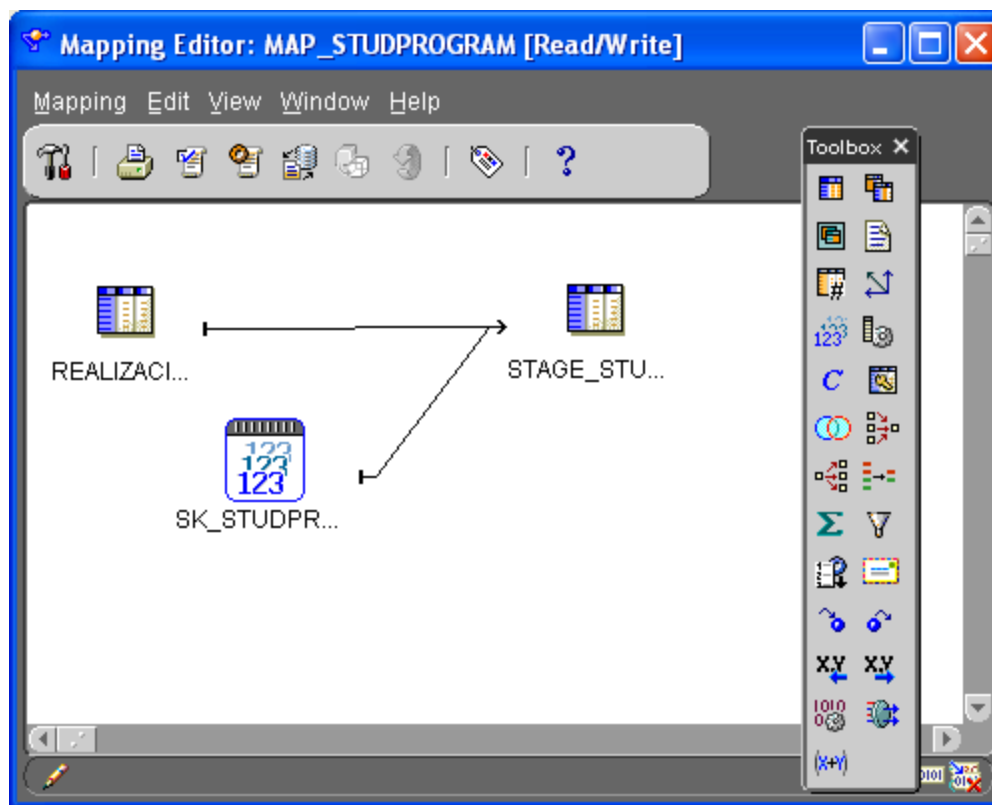
Mapiranje dimenzije PREDMETDIM - level STUDPROGRAMLEVEL



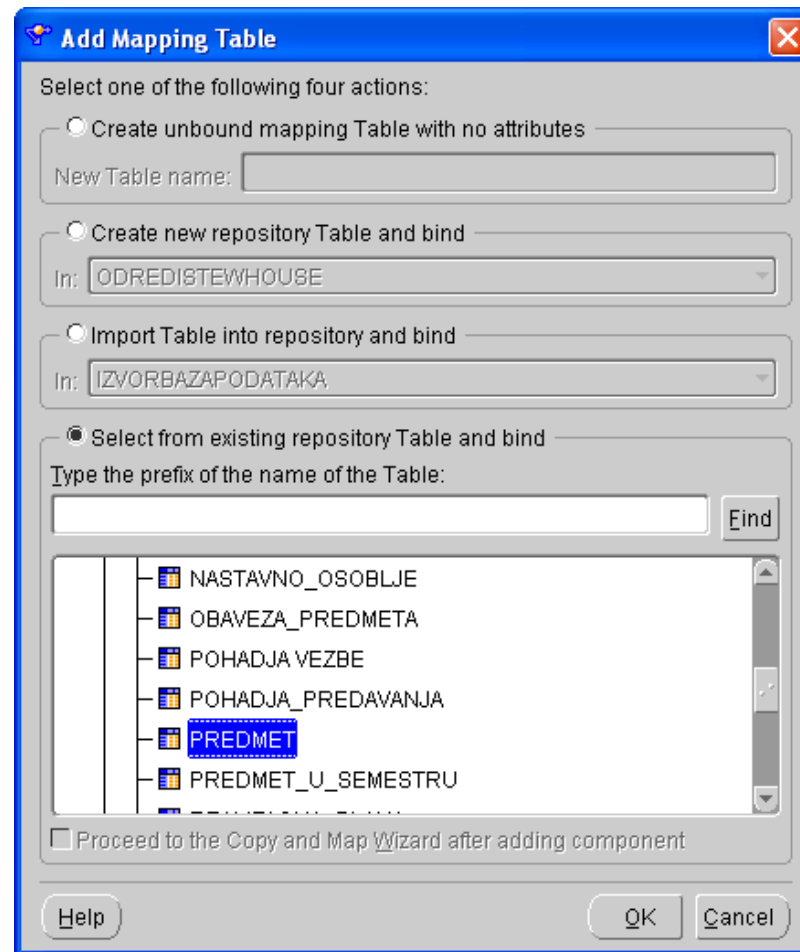
Mapiranje dimenzije PREDMETDIM - level STUDPROGRAMLEVEL



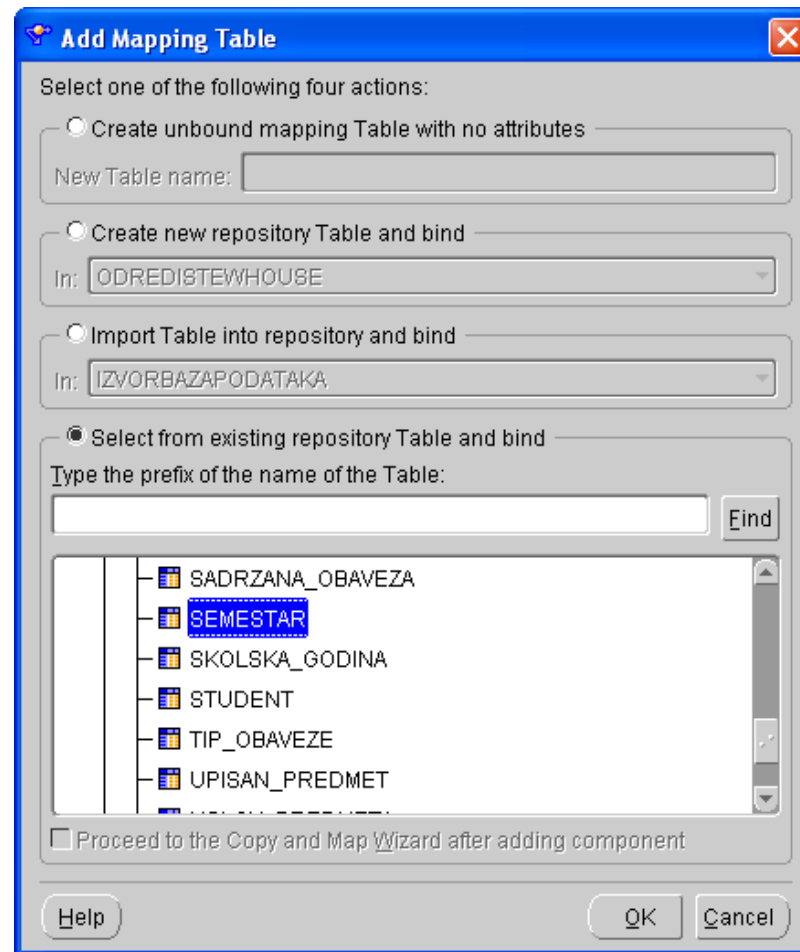
Mapiranje dimenzije PREDMETDIM - level STUDPROGRAMLEVEL



Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL

Add Mapping Table

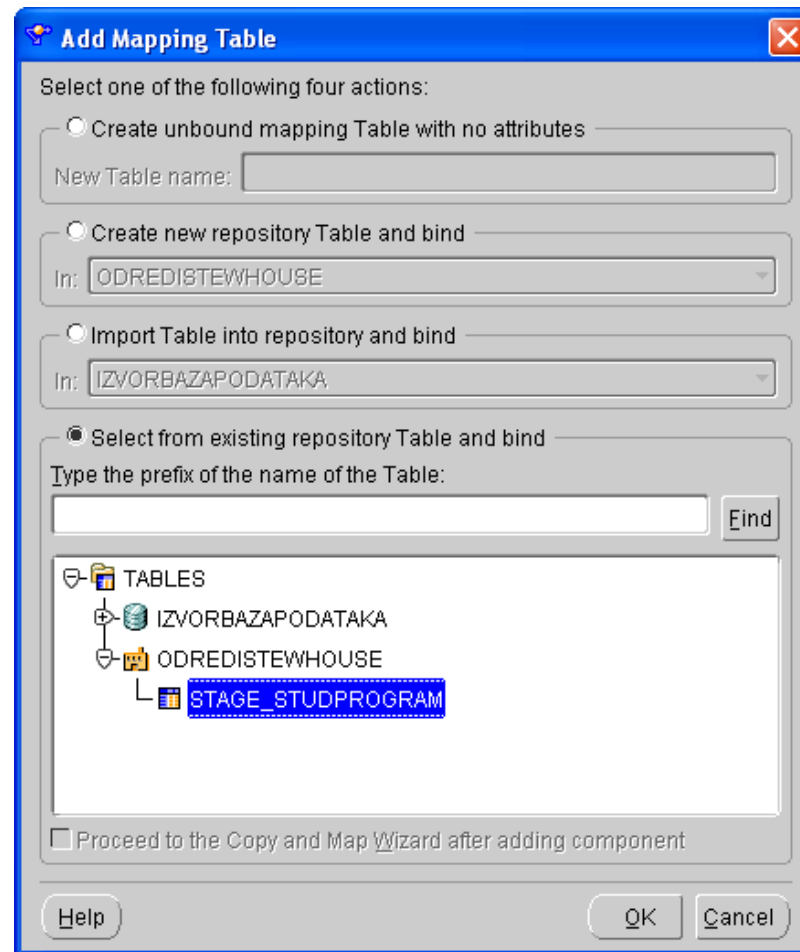
Select one of the following four actions:

- ☐ Create unbound mapping Table with no attributes
New Table name:
- ☐ Create new repository Table and bind
In:
- ☐ Import Table into repository and bind
In:
- ☒ Select from existing repository Table and bind
Type the prefix of the name of the Table:

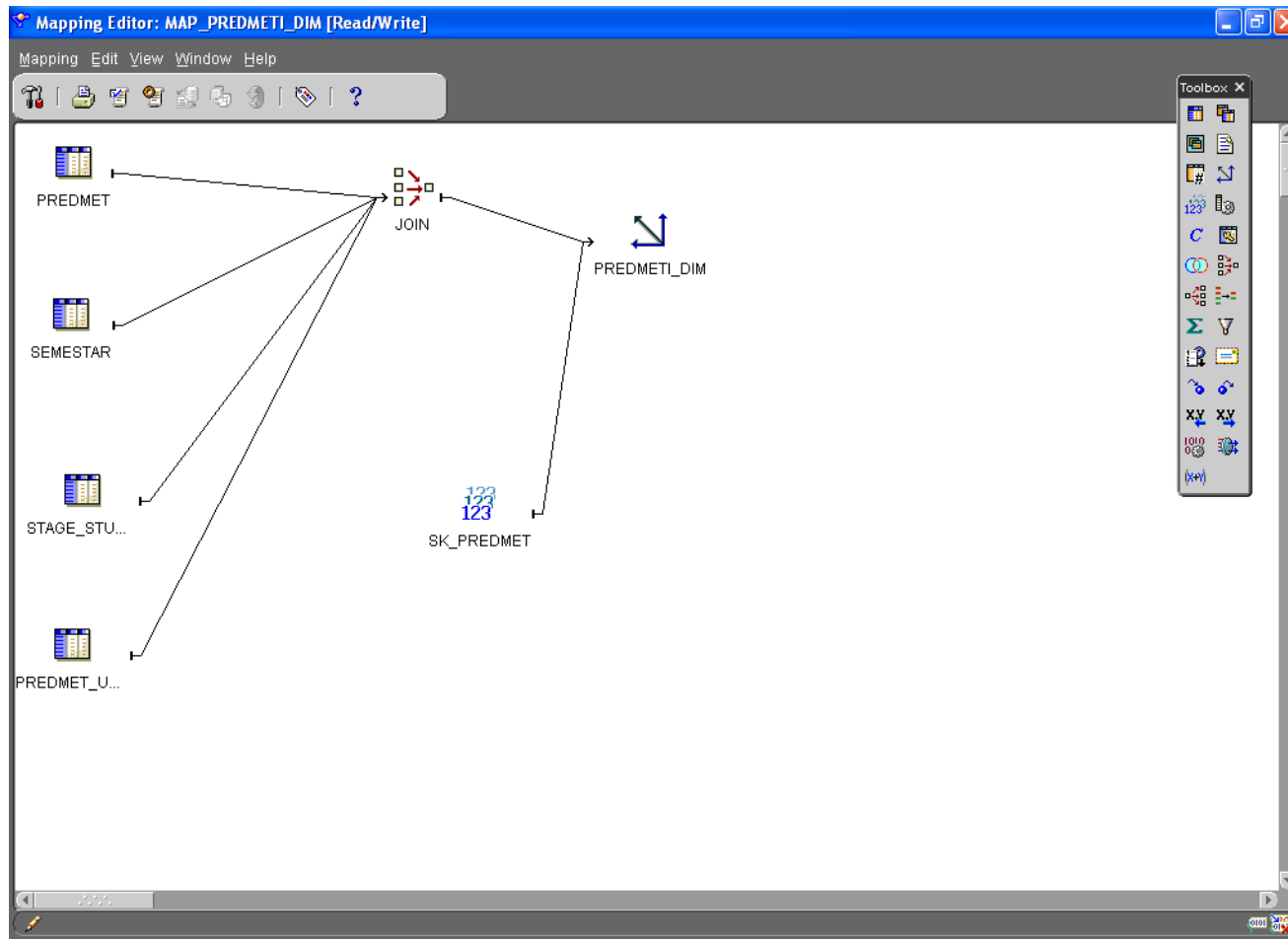
- ☐ PREDMET
- ☐ **PREDMET_U_SEMESTRU**
- ☐ REALIZACIJA_PLANA
- ☐ SADRZANA_OBAVEZA
- ☐ SEMESTAR
- ☐ SKOLSKA_GODINA

☐ Proceed to the Copy and Map Wizard after adding component

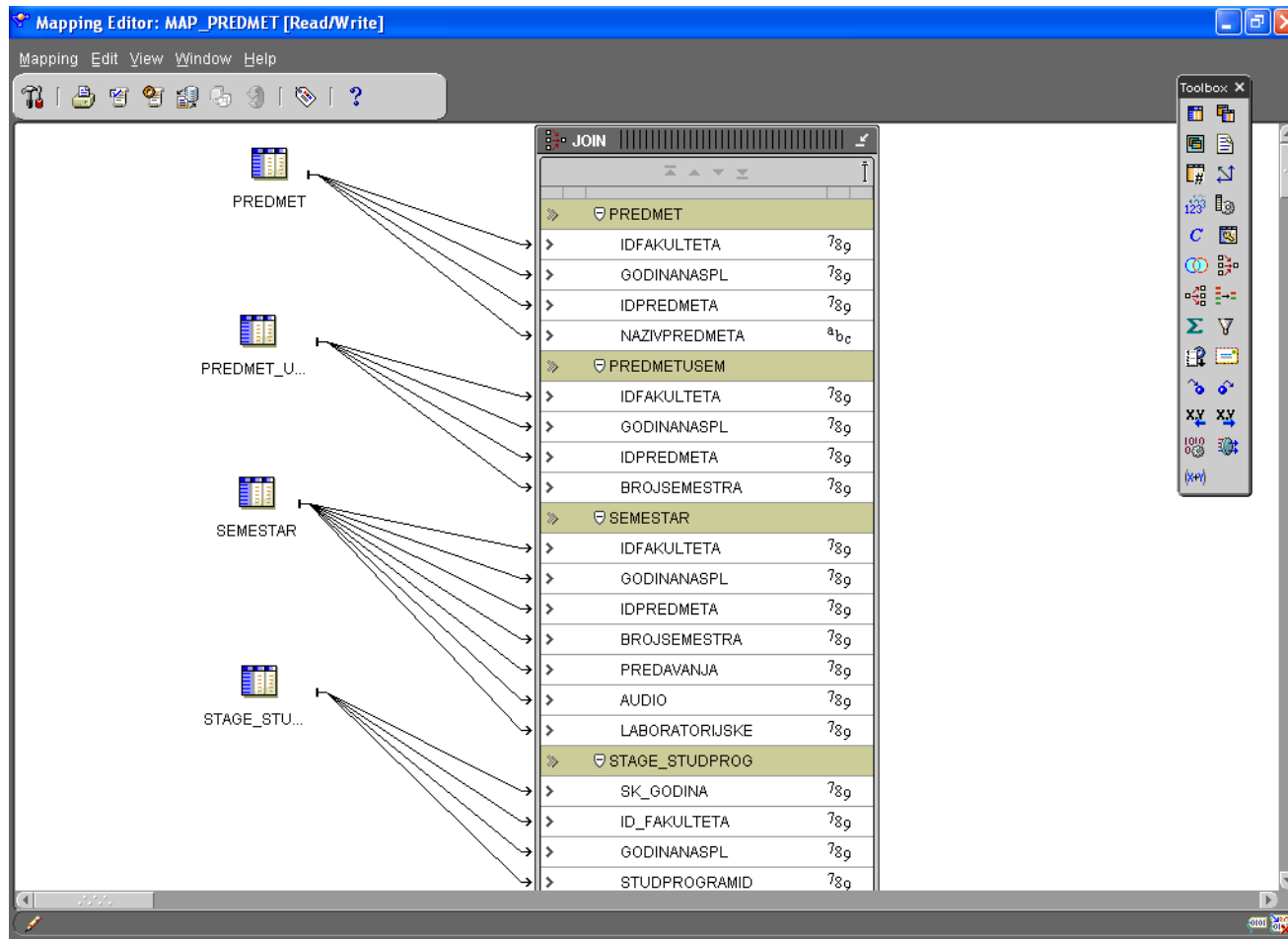
Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



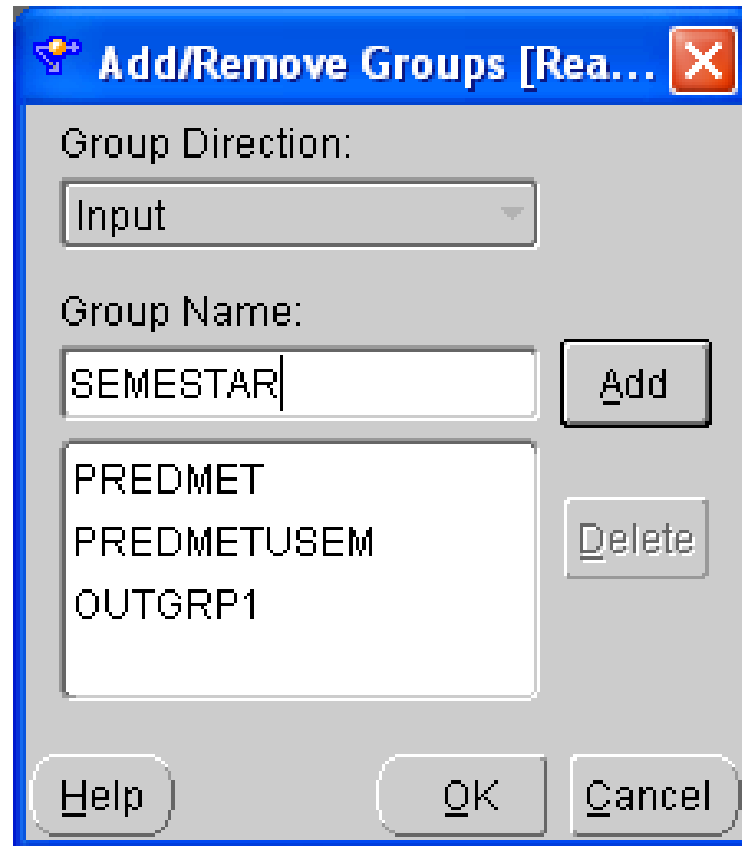
Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



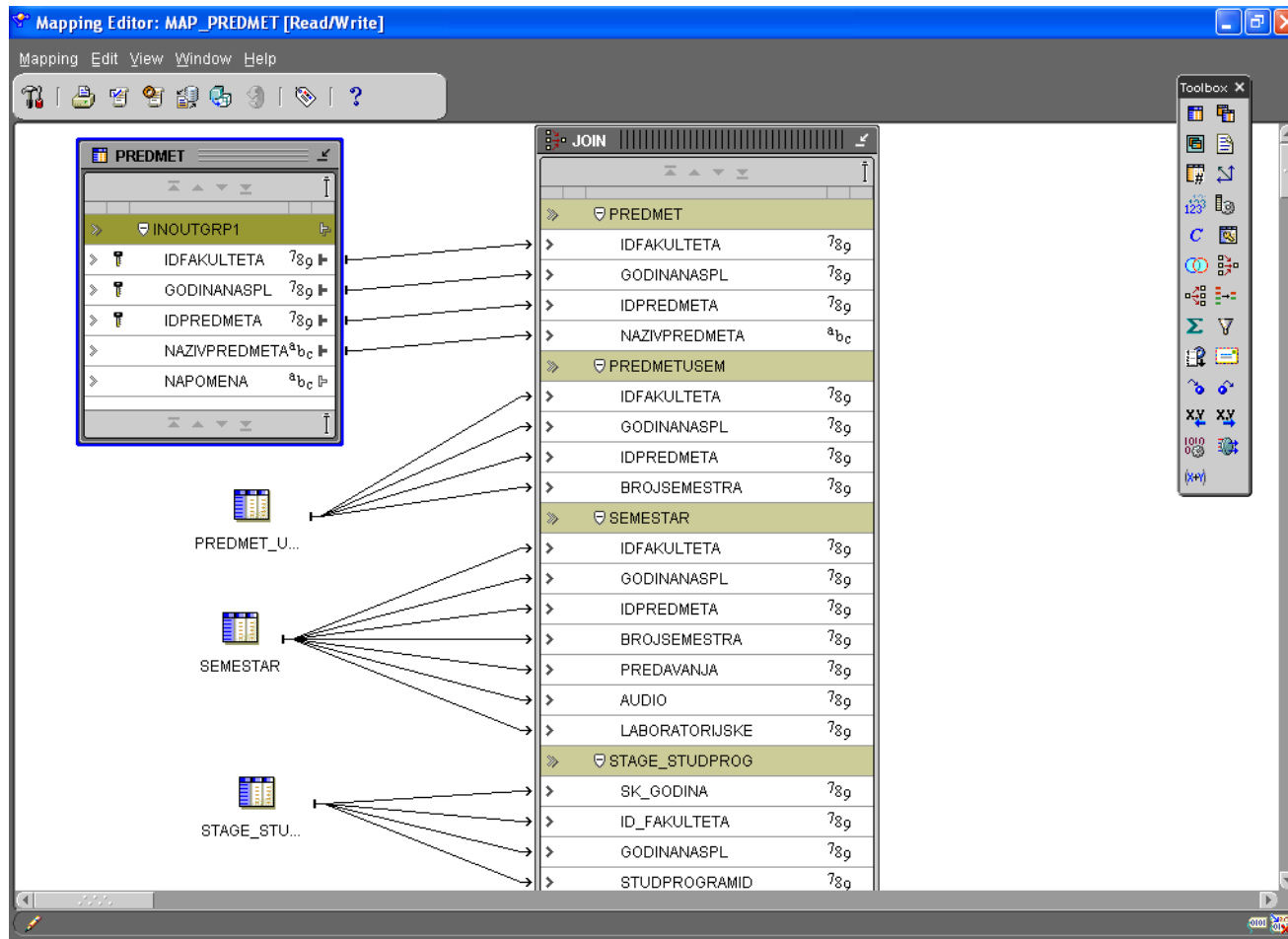
Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



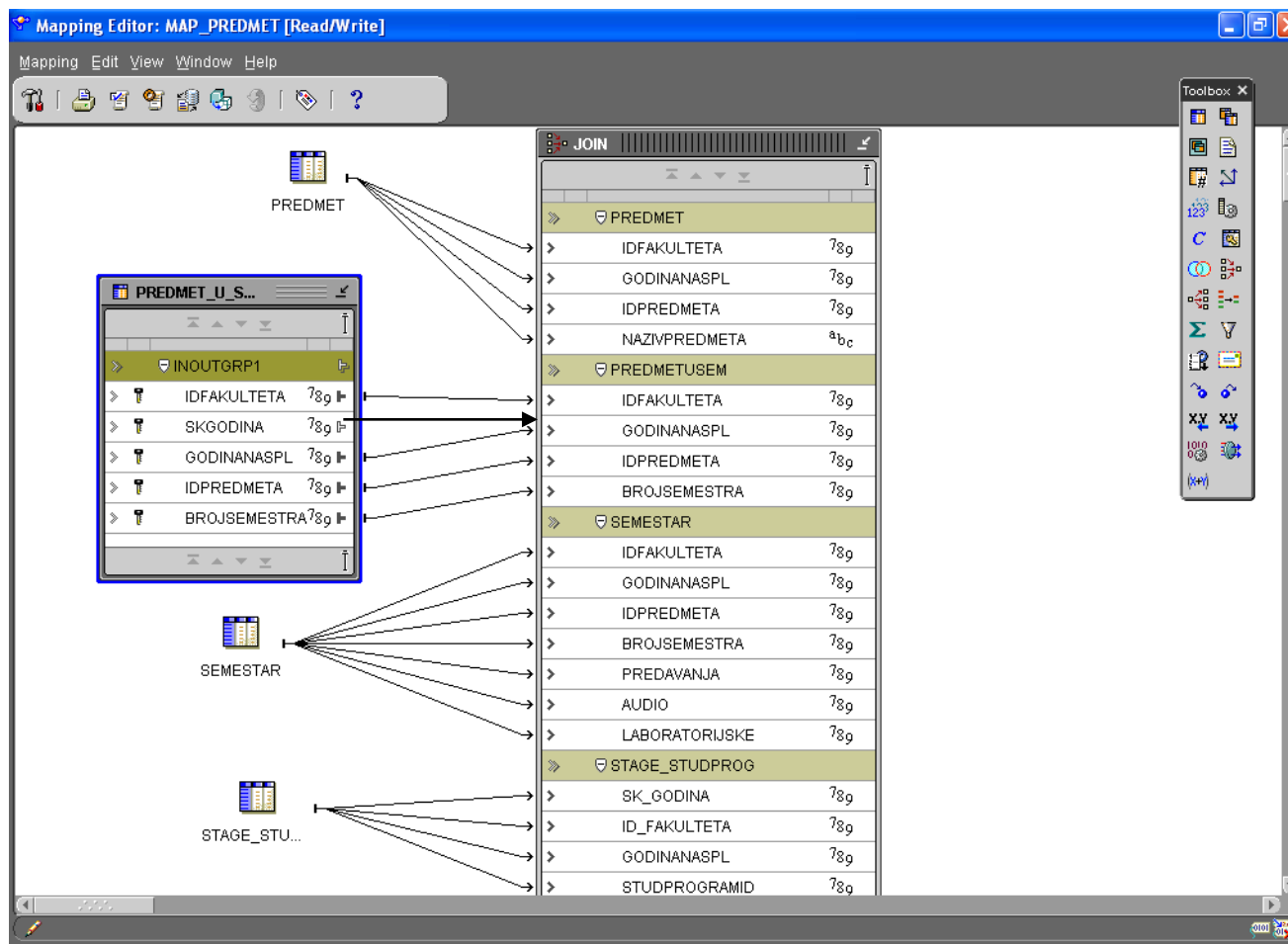
Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



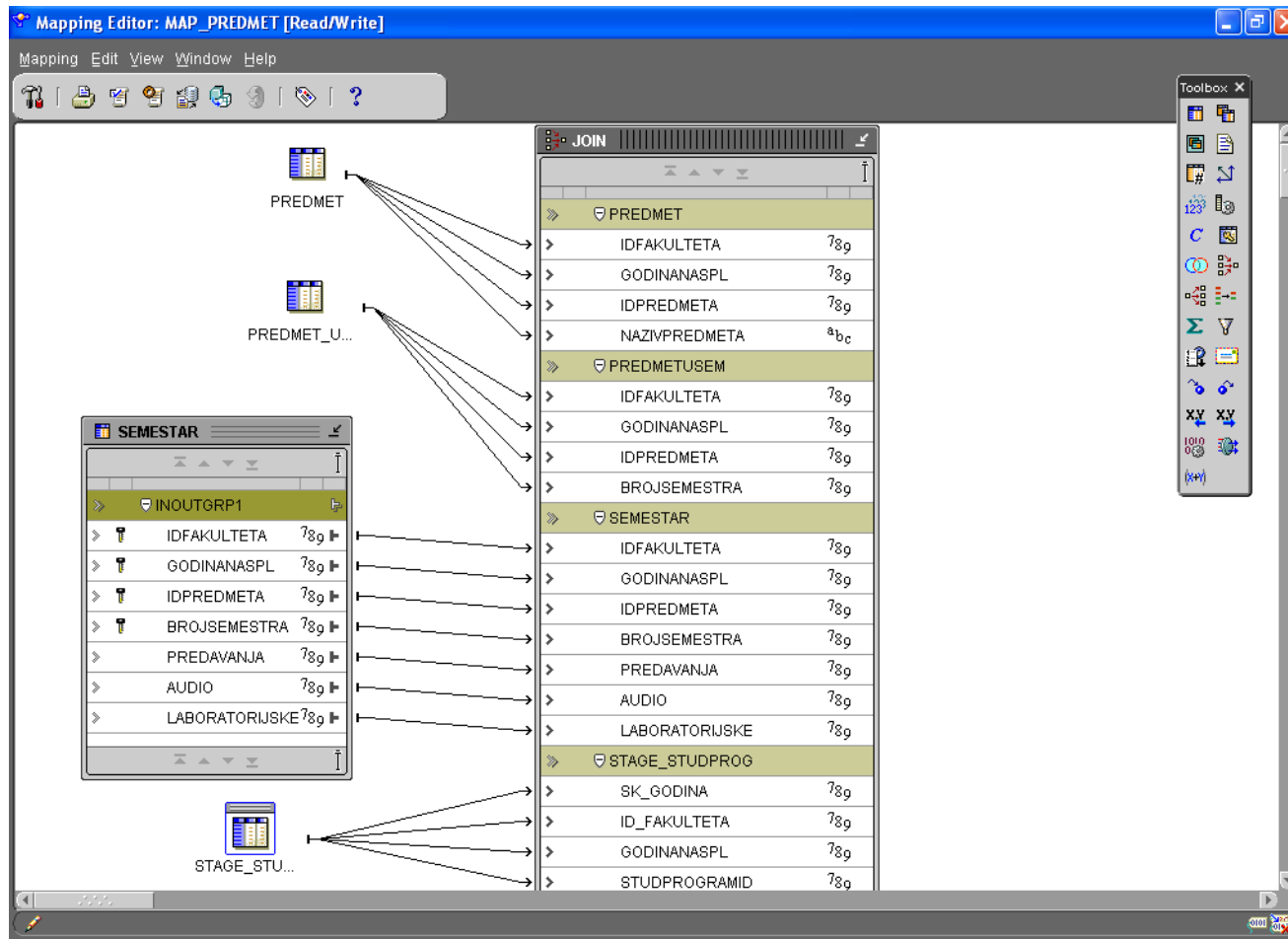
Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



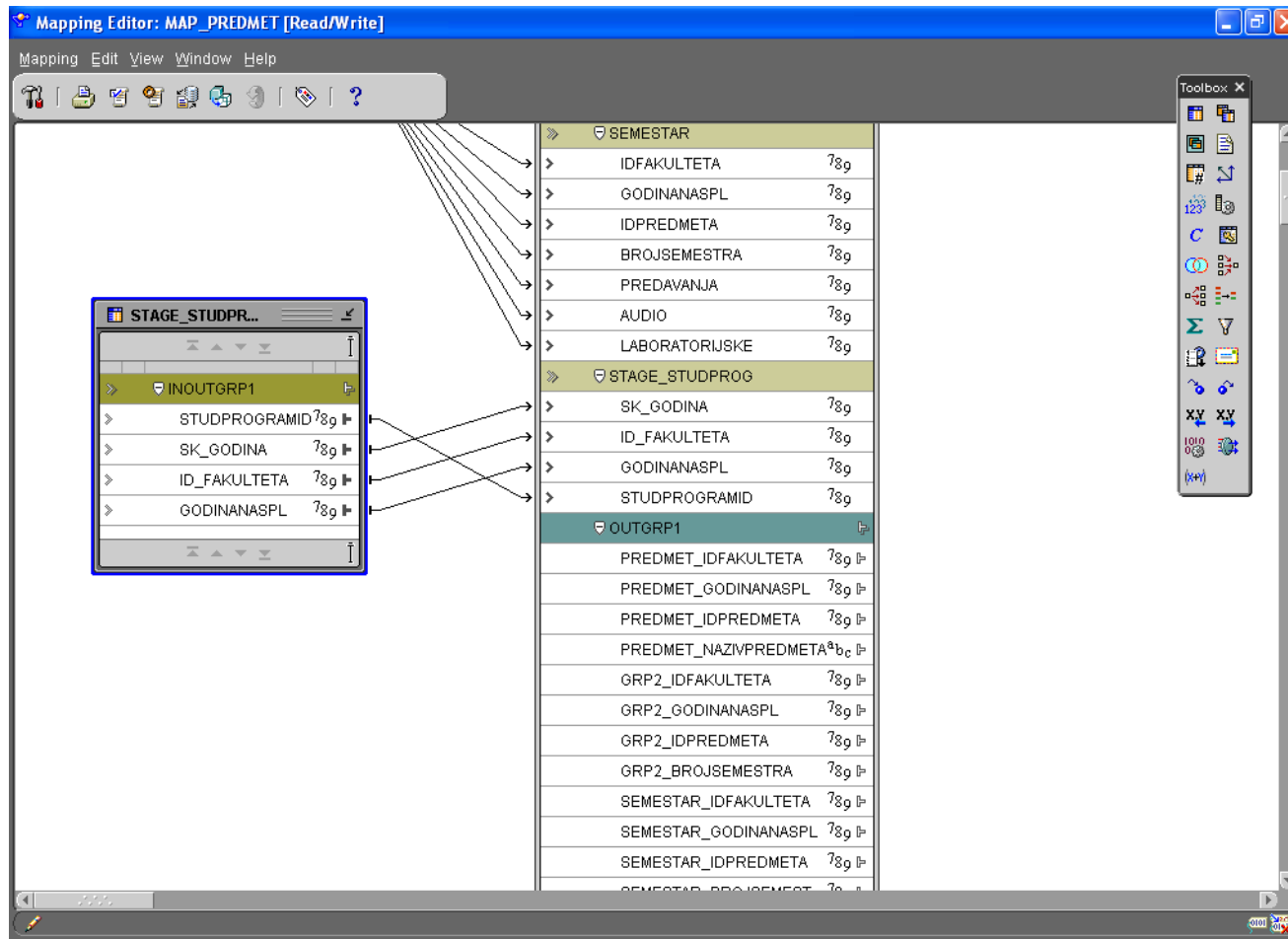
Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



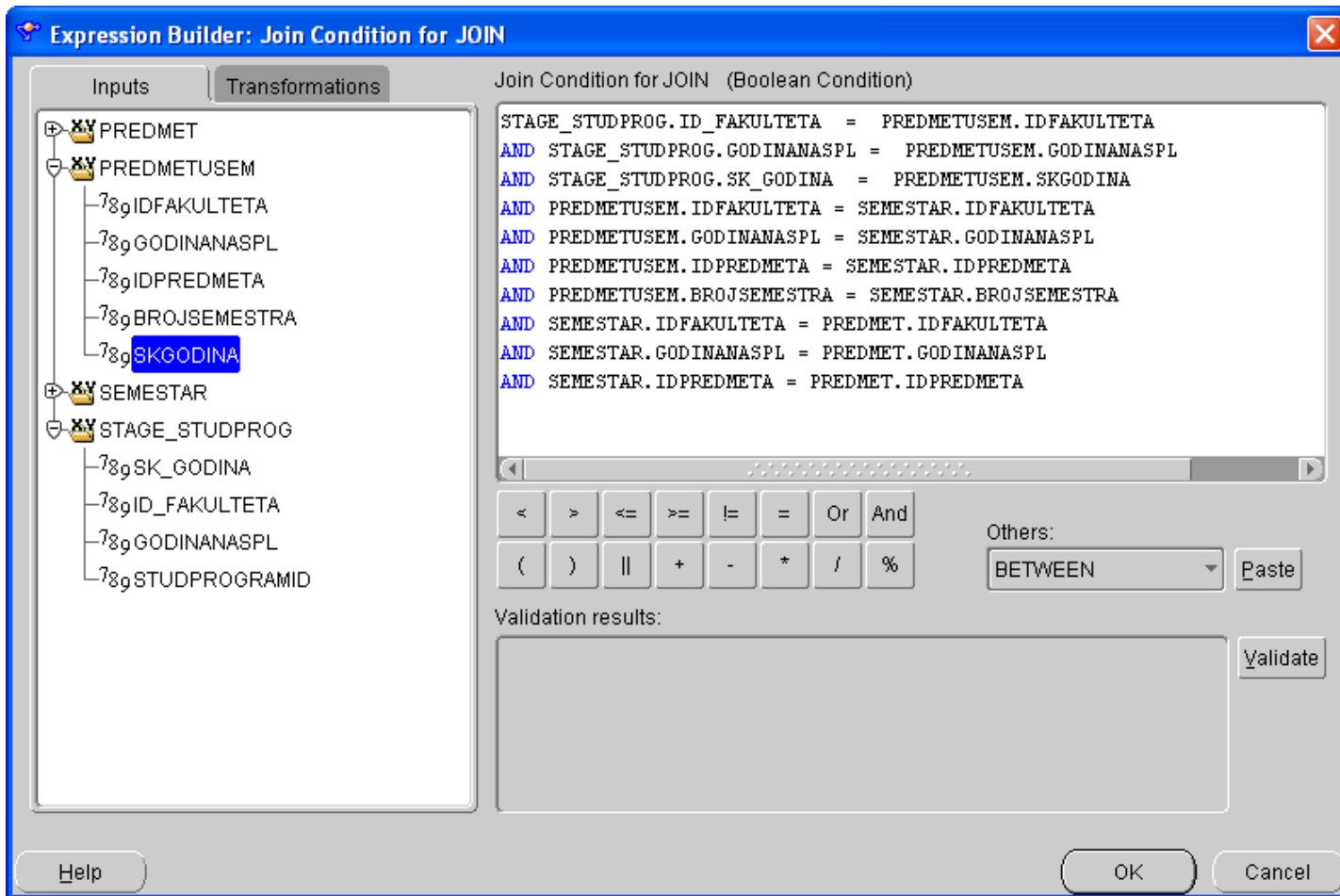
Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



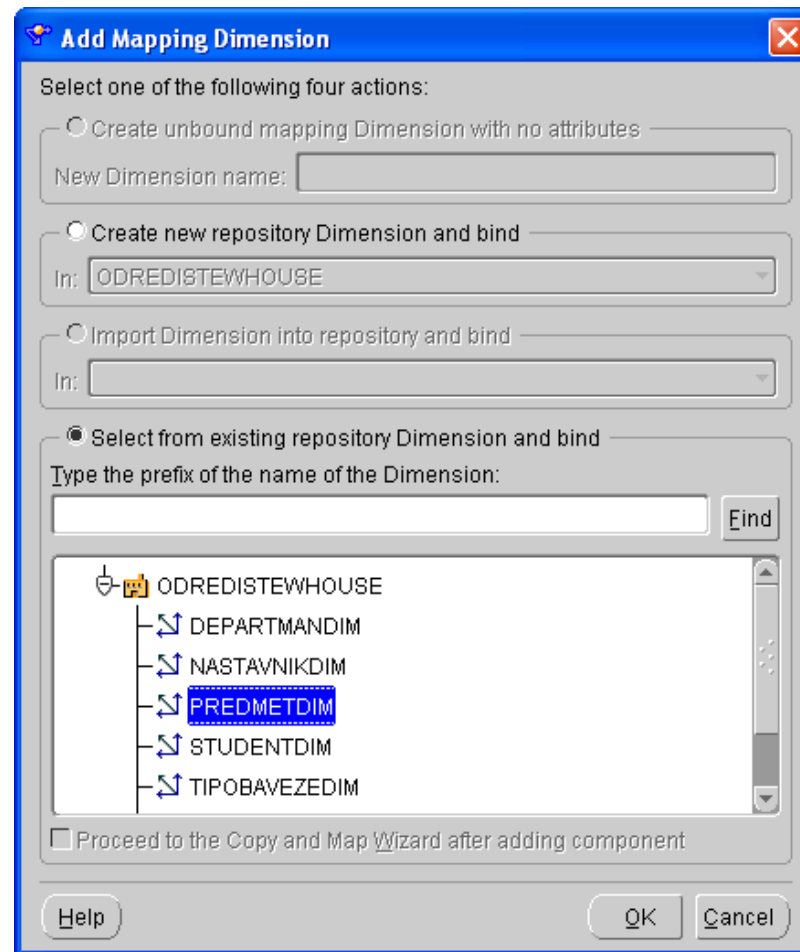
Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



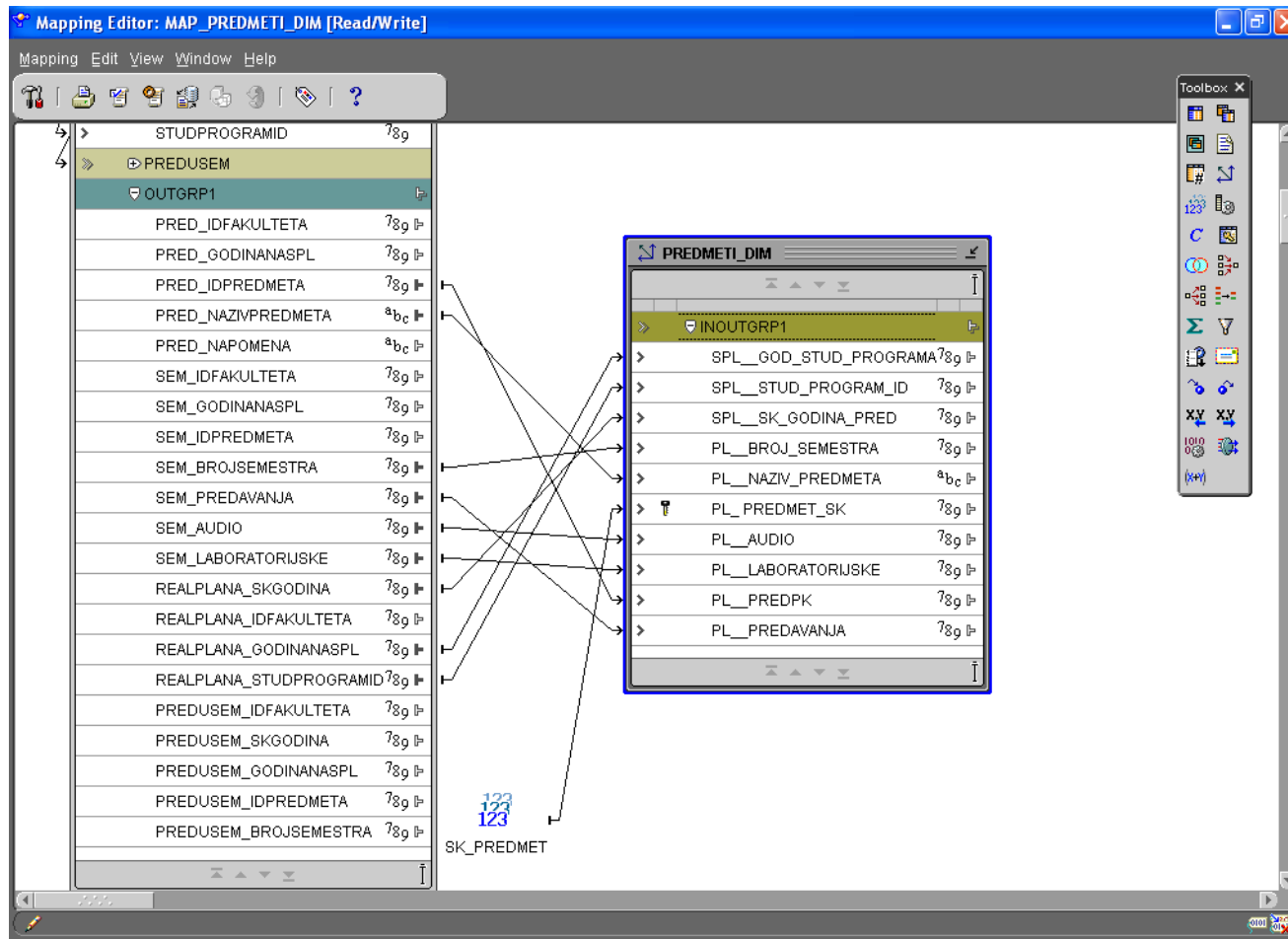
Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL



Mapiranje dimenzije PREDMETDIM - level PREDMETLEVEL

