

DEPLOY

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

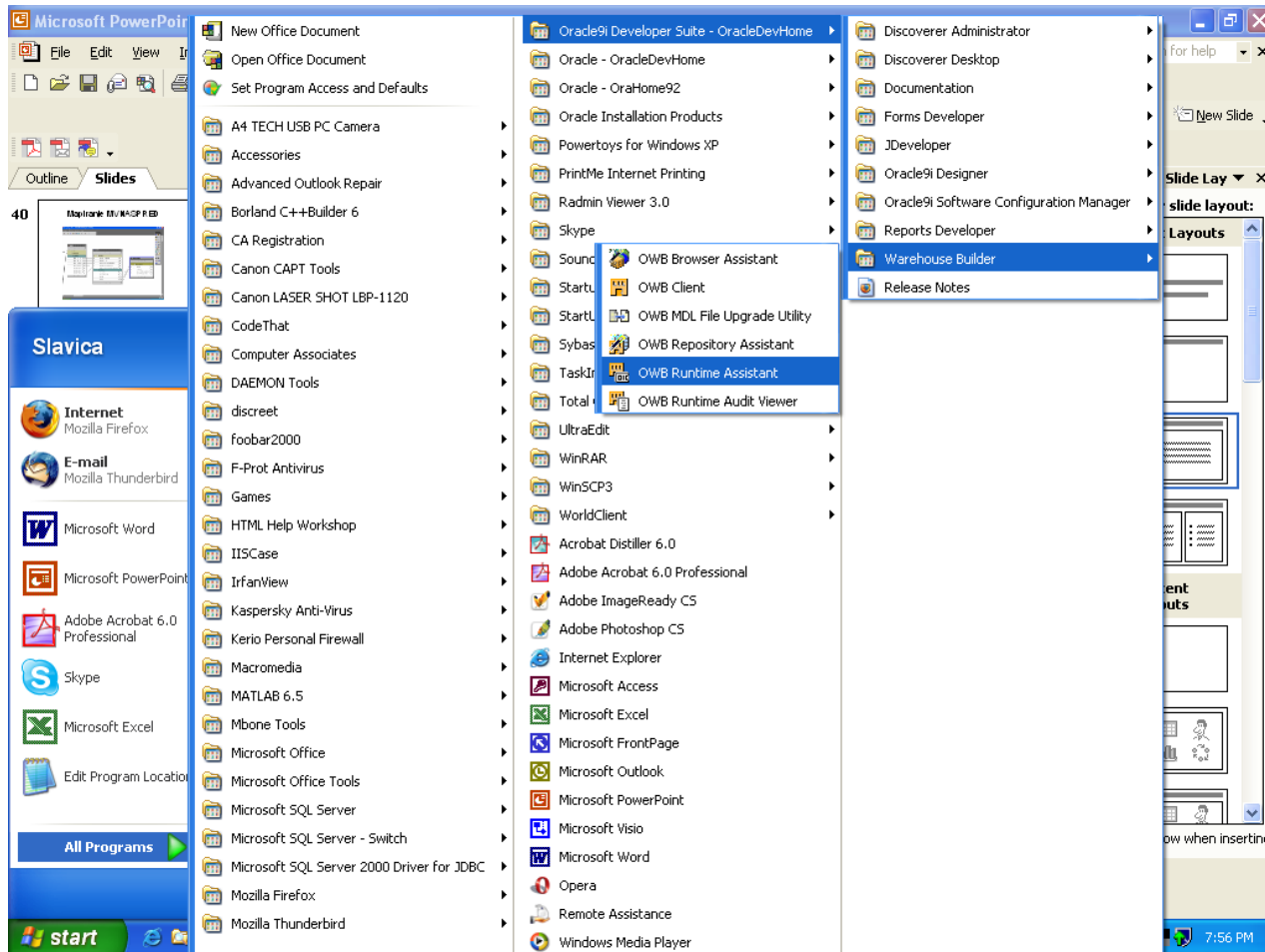
Rad u učionici ITC L3

- 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: asistent

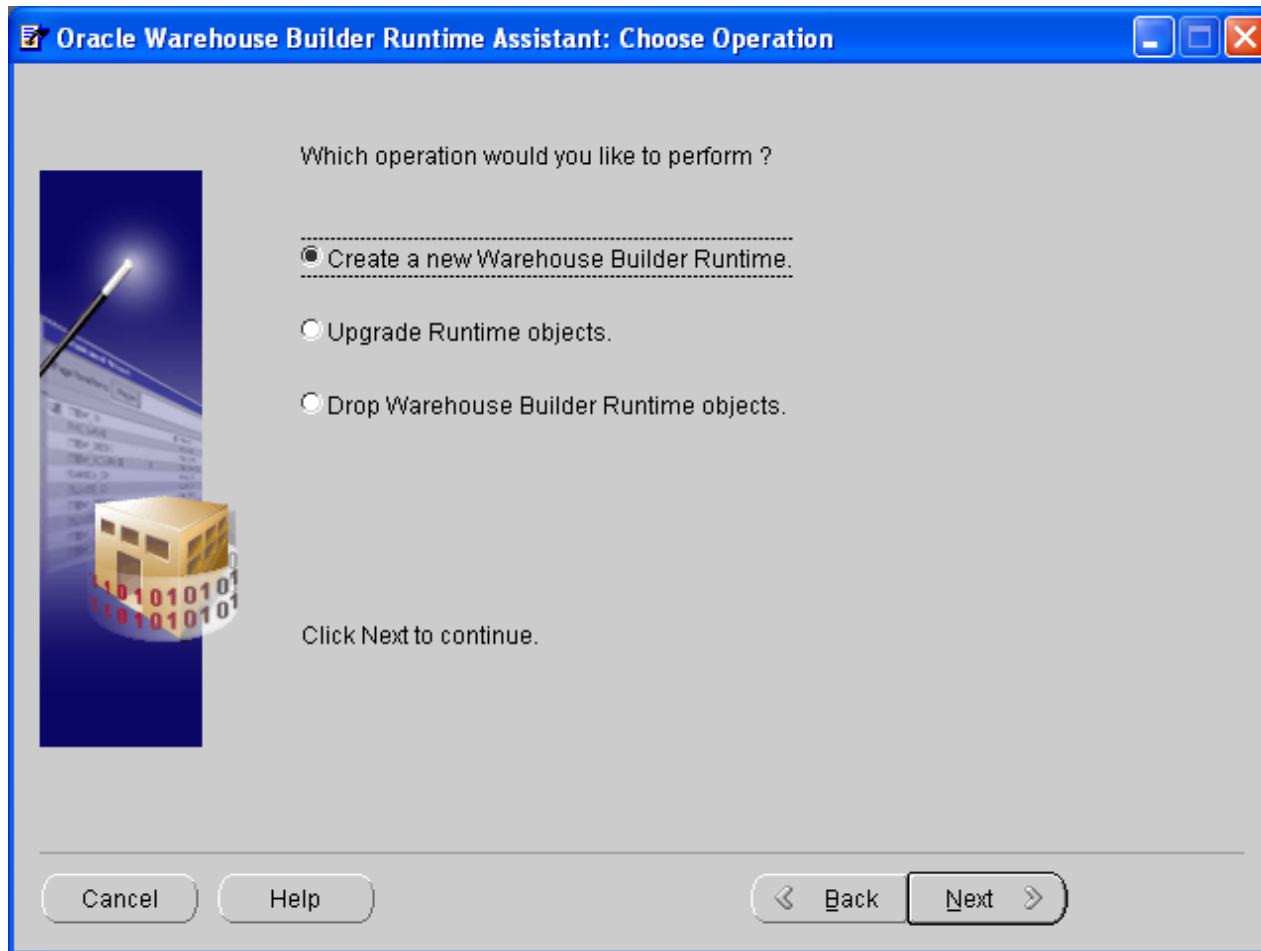
Kreiranje RUNTIME user-a



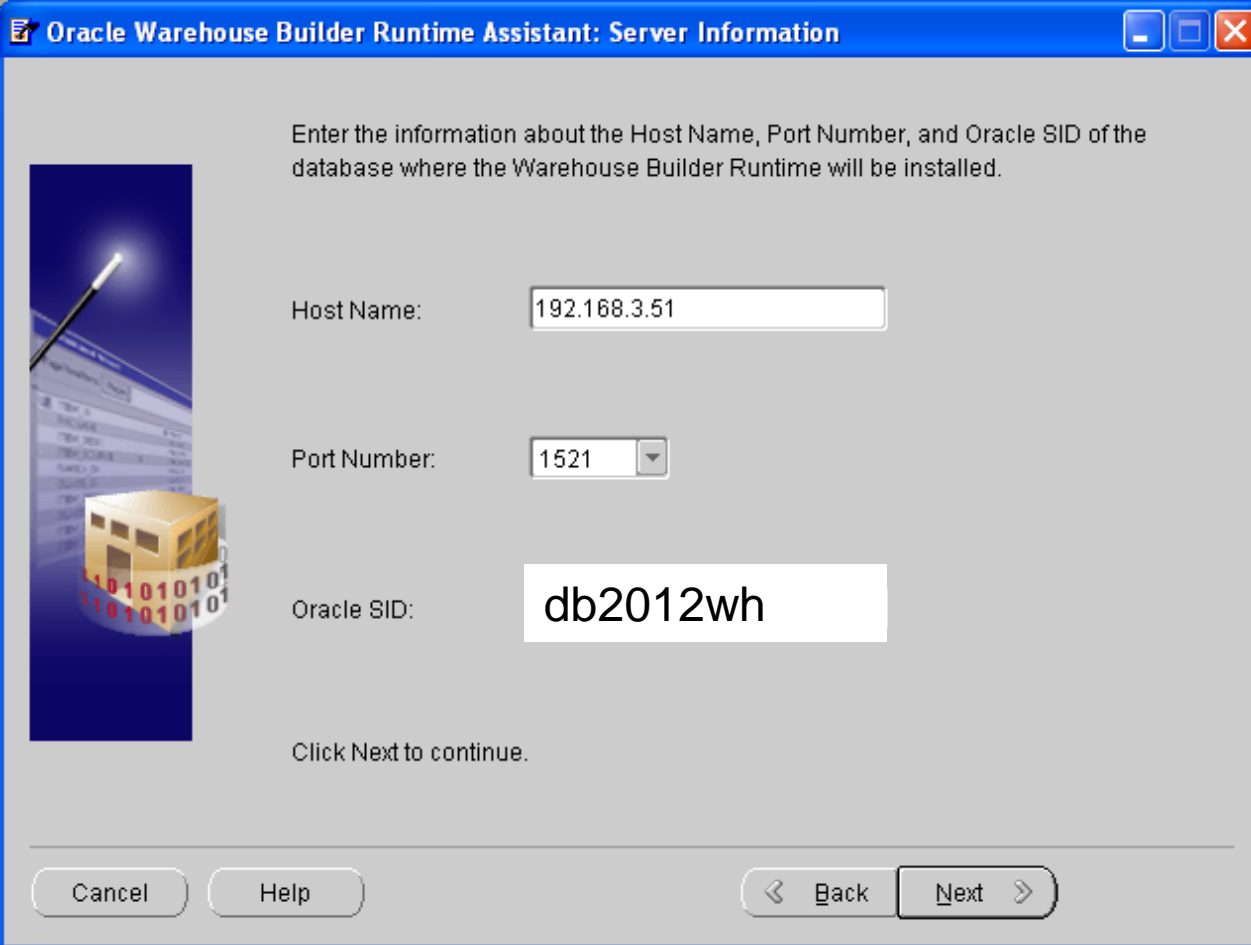
RUNTIME USER



RUNTIME USER



RUNTIME USER



Oracle Warehouse Builder Runtime Assistant: Server Information

Enter the information about the Host Name, Port Number, and Oracle SID of the database where the Warehouse Builder Runtime will be installed.

Host Name:

Port Number:

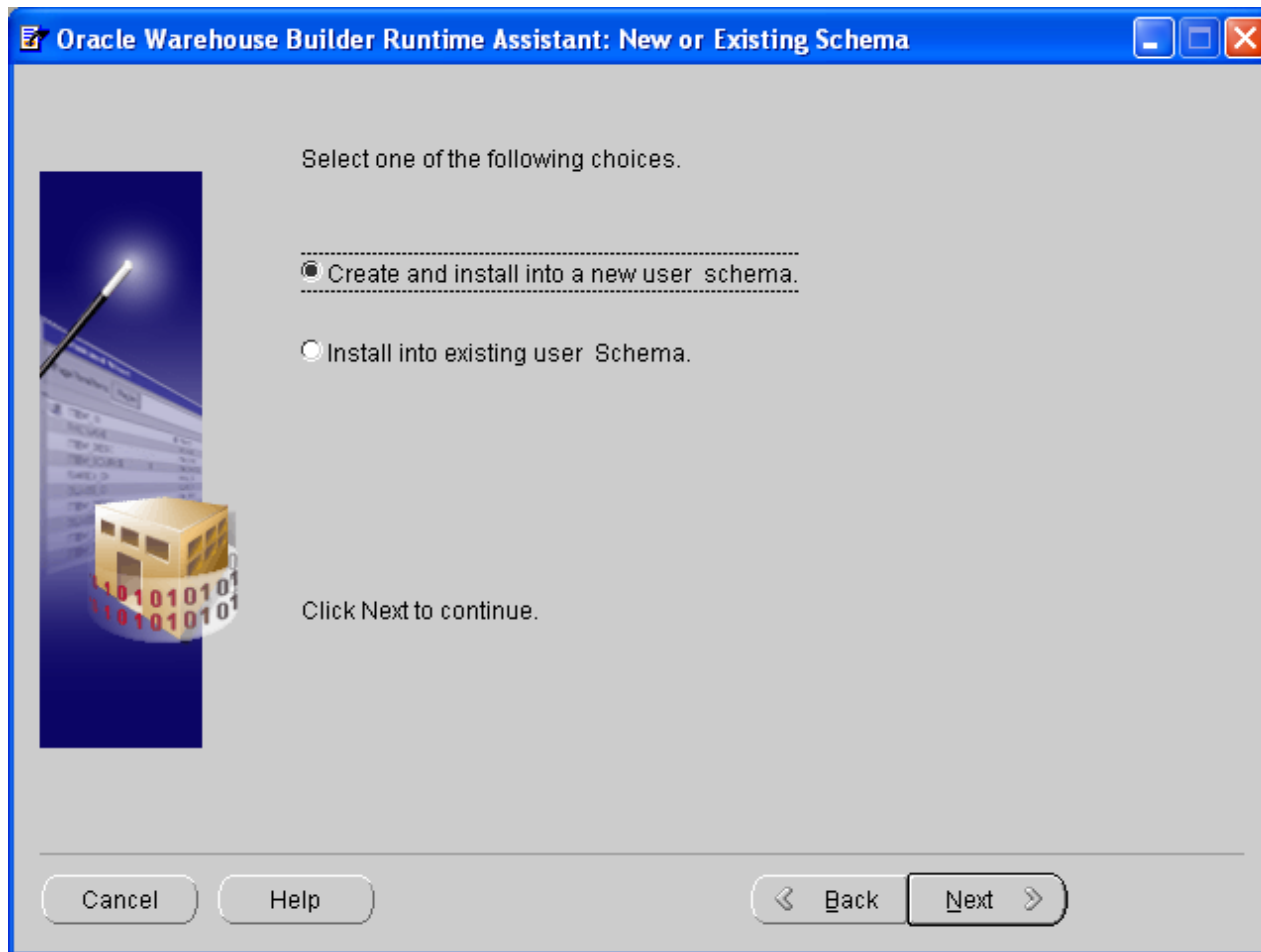
Oracle SID:

Click Next to continue.

Cancel Help < Back Next >

The dialog box features a blue title bar with standard window controls. On the left, there is a vertical decorative panel with a blue background, a glowing pointer, and a 3D building icon with binary code. The main area is light gray with a blue border. The 'Next' button is highlighted with a white background and a blue border.

RUNTIME USER



RUNTIME USER

Oracle Warehouse Builder Runtime Assistant: User Name and Password

Enter the User Name and Password of a database user with SYSDBA privileges (typically SYS).

User Name:

Password:

sys

Click Next to continue.

Cancel Help Back Next

RUNTIME USER

Oracle Warehouse Builder Runtime Assistant: User Name and Password

Enter new User Name and Password for Runtime schema.


User Name:

Password:

Re-enter Password:

Click Next to continue.

Cancel Help < Back Next >



RUNTIME USER

Oracle Warehouse Builder Runtime Assistant: Tablespace

Select the default tablespace for Runtime data.

STUDENTI

Select the default tablespace for indexes.

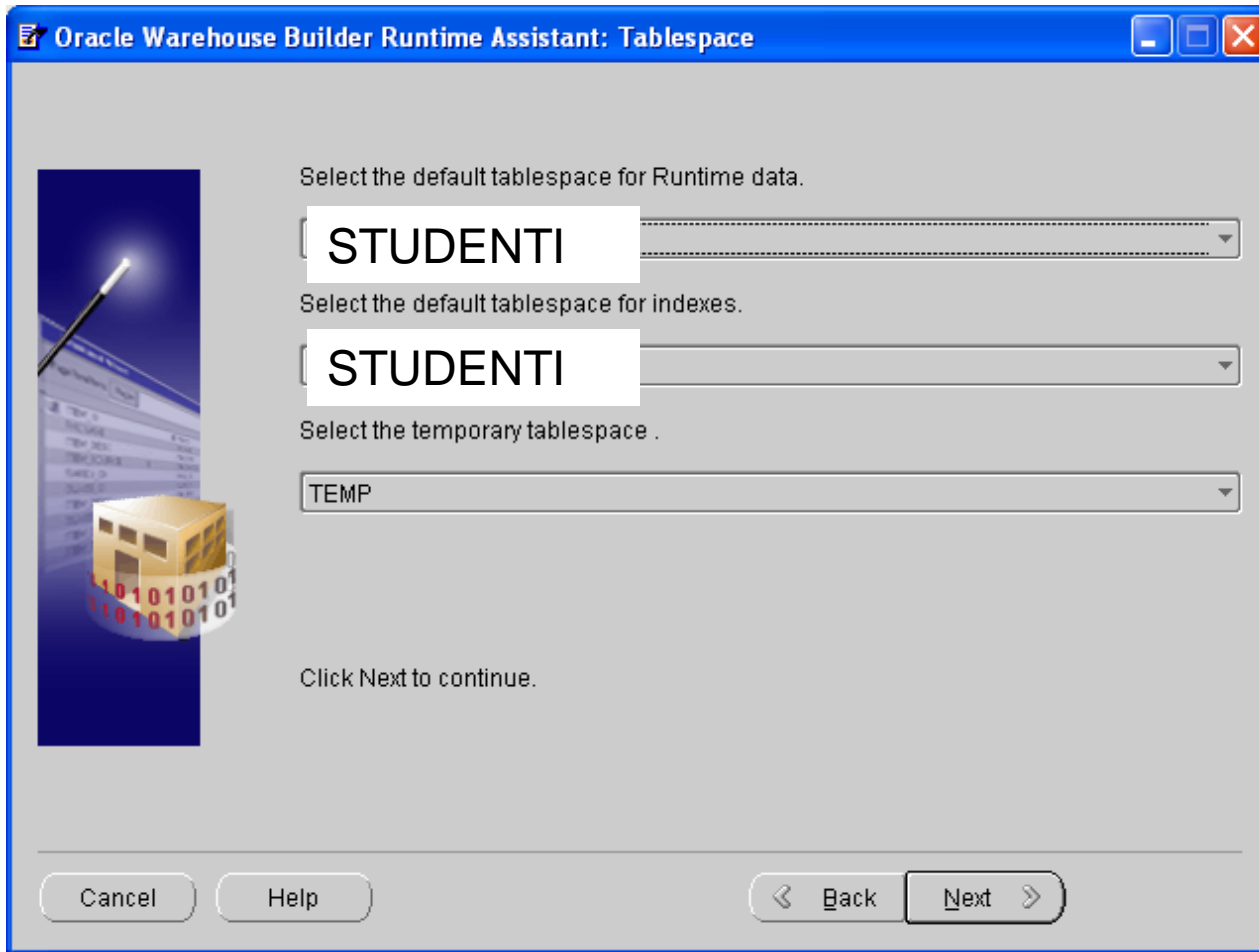
STUDENTI

Select the temporary tablespace .

TEMP

Click Next to continue.

Cancel Help Back Next

The image shows a Windows-style dialog box titled "Oracle Warehouse Builder Runtime Assistant: Tablespace". On the left side, there is a vertical decorative panel with a blue background, a glowing wand, and a 3D model of a building with binary code (0s and 1s) at its base. The main area of the dialog is light gray and contains three dropdown menus. The first two are labeled "STUDENTI" and are for "default tablespace for Runtime data" and "default tablespace for indexes". The third is labeled "TEMP" and is for "temporary tablespace". At the bottom, there are four buttons: "Cancel", "Help", "Back", and "Next". The "Next" button is highlighted with a darker background and includes left and right arrow symbols.

SQL Developer

Kreiranje konekcije za runtime usera

New / Select Database Connection

Connection N...	Connection D...
administrator...	sys@Mocalh...
MilanDiplomski	slavica@Mo...
oltpbaza	oltpbaza@M...
owb	sofokle21@//...
slavica	scott@Mocal...
studenti	scott@Mocal...

Connection Name: ZaDeploy

Username: exxxxRUN

Password: *****

Save Password

Database Type: Oracle Access MySQL **MySQL** SQLServer

Role: default

Connection Type: Basic TNS Advanced

Hostname: 198.168.3.51

Port: 1521

SID: db2012wh

Service name

Status: Success

Buttons: Help Save Clear Test Connect Cancel

SQL Developer

Kreiranje linka na OLTP bazu

Umesto IP adrese servera
treba da piše SID

Public

Schema: ExxxxRun

Name: runlink

Properties DDL

Host Name: db2012

Current User

Fixed User

User Name: exxxx

Password: ***

Shared:

Authentication

User Name:

Password:

Help OK Cancel

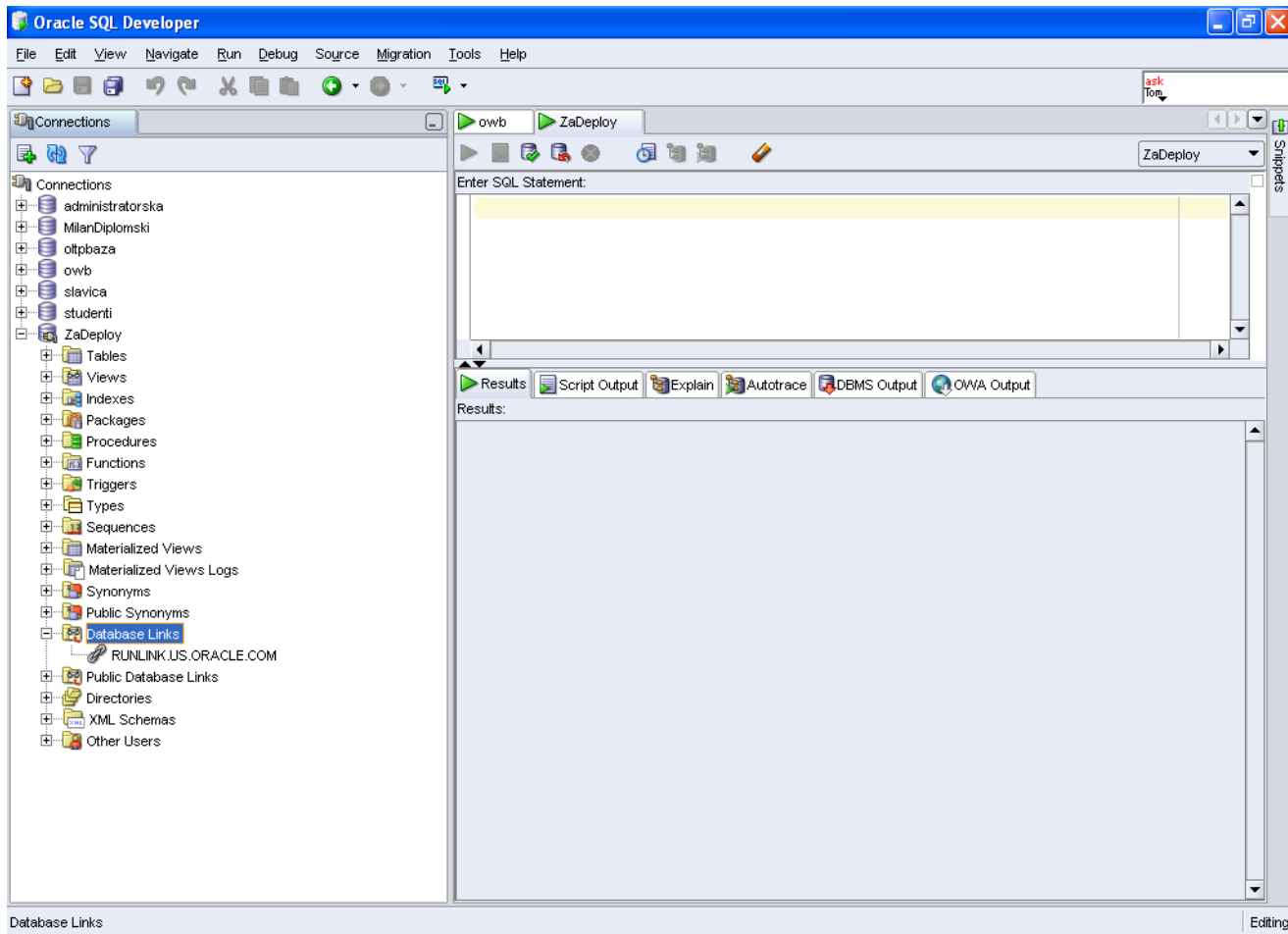
Projekat sa vežbi

asistent

asistent

SQL Developer

Kreiranje linka na OLTP bazu



OWB

- U Properties, Source modula kreirati link pod istim nazivom kao u SQL Developer-u

OWB

Module Properties: IZVORBAZAPODATAKA [Read/Write]

Name Source **Connection**

Select or create a database link to import metadata into the module. The database link physically exists in the Warehouse Builder repository schema and is only used for metadata retrieval.

Source for Metadata Import:

- Oracle Data Dictionary
- Oracle Designer Repository

Database link: RUNLINK.US.ORACLE.COM **New DB Link ...**

Owner: **exxxxx**

User Name: **exxxxx**

Connect String: localhost:1521:test

Schema: **exxxxx** **Change Sche...**

Help OK Cancel

asistent → Owner

asistent → User Name

asistent → Schema

Kreirati link sa istim nazivom kao u SQL Developer-u → New DB Link ...

DEPLOY

New Database Link

To create a new database link, enter the information below.
To test this database link, select the Create and Test button.
When you finish testing, click OK.

DB Link Name:

SQL*Net Connect String:

Host Name:

Host Name:

Port Number:

Oracle SID:

Use for Heterogeneous Services

User Name:

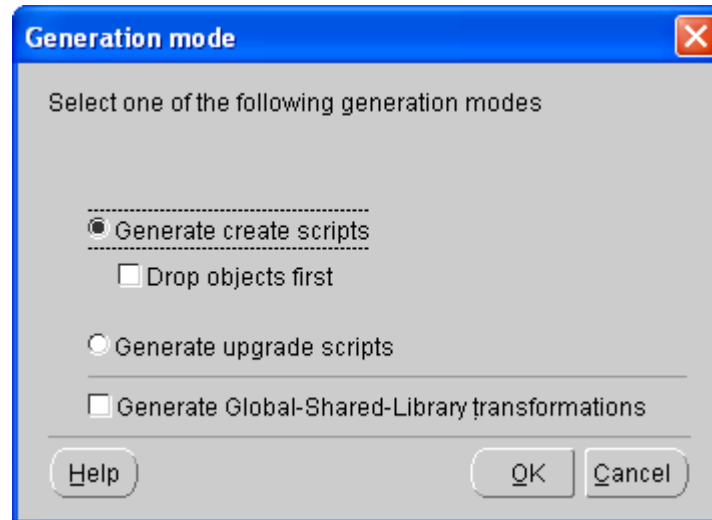
Password:

Projekat sa vežbi

asistent

asistent

DEPLOY - sekvencera



DEPLOY - sekvencera

Generation Results[Succeed]

Objects for which scripts have been generated.

Schema Objects | Mappings | Messages

Selected Objects

Object Name	Object Type	Last Generation	Located in
SK_PREDMET	Sequence	Jan 18, 2009 7:16:08 PM	ODREDISTEWHOUSE

Generated Scripts

Filter for: All Objects | Filter by: All Roles

Object Name	Object Type	Script Name	Role	Language
SK_PREDMET	SEQUENCE	SK_PREDMET.ddl	DDL	SQL

View Code
Deploy ...
Save as File

Help | Close

DEPLOY - sekvencera



A dialog box titled "Connection Information" with a close button (X) in the top right corner. The dialog contains the following fields and buttons:

Enter the warehouse runtime connection information

User name:

Password:

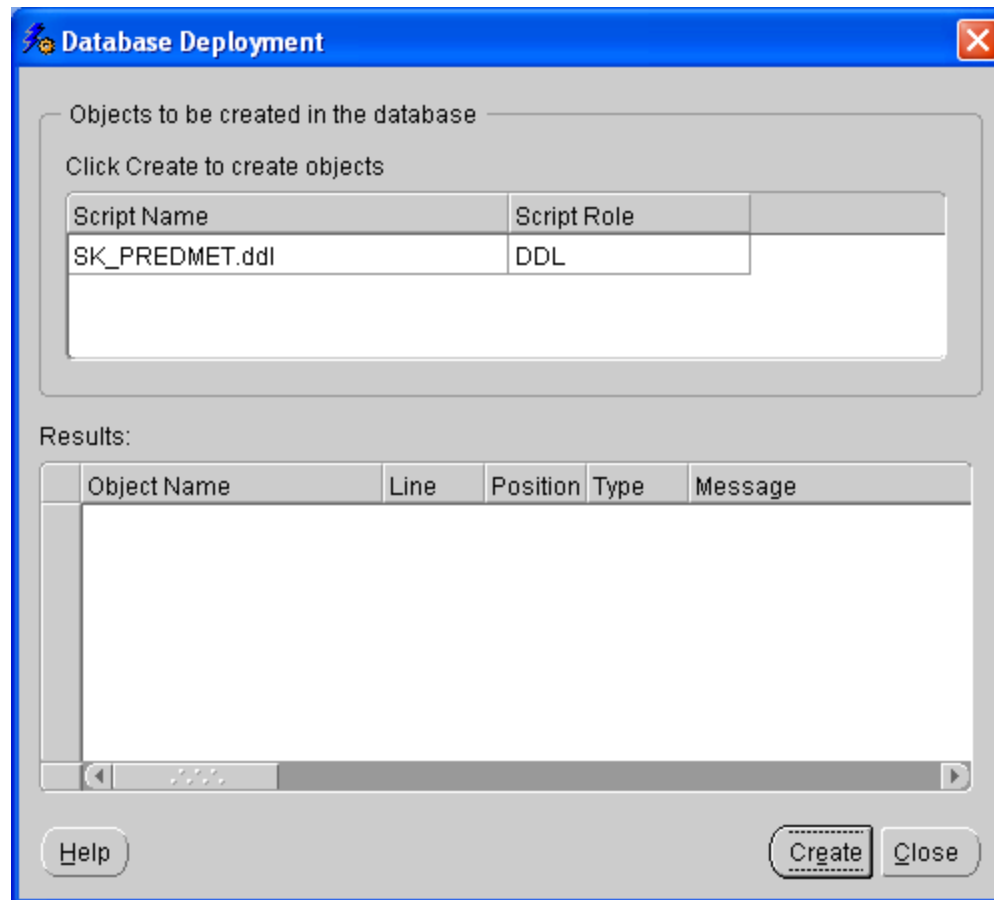
Host name:

Port number:

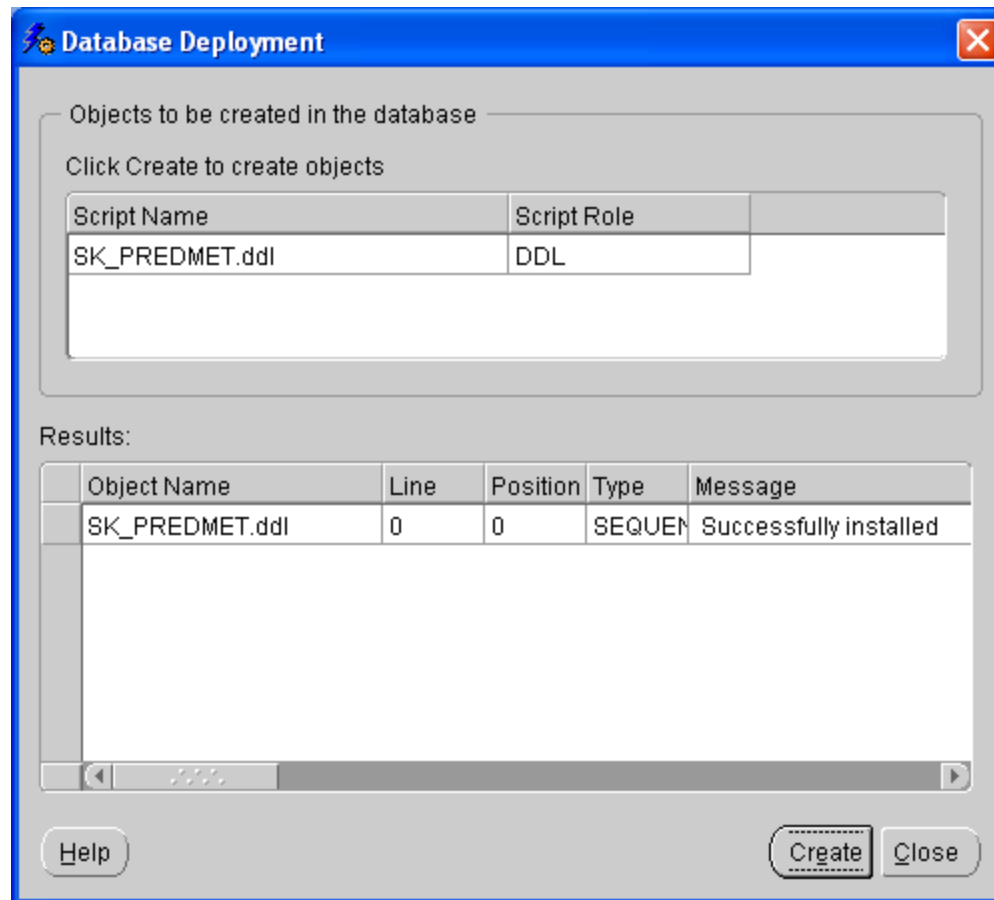
SID:

Buttons: Help, OK, Cancel

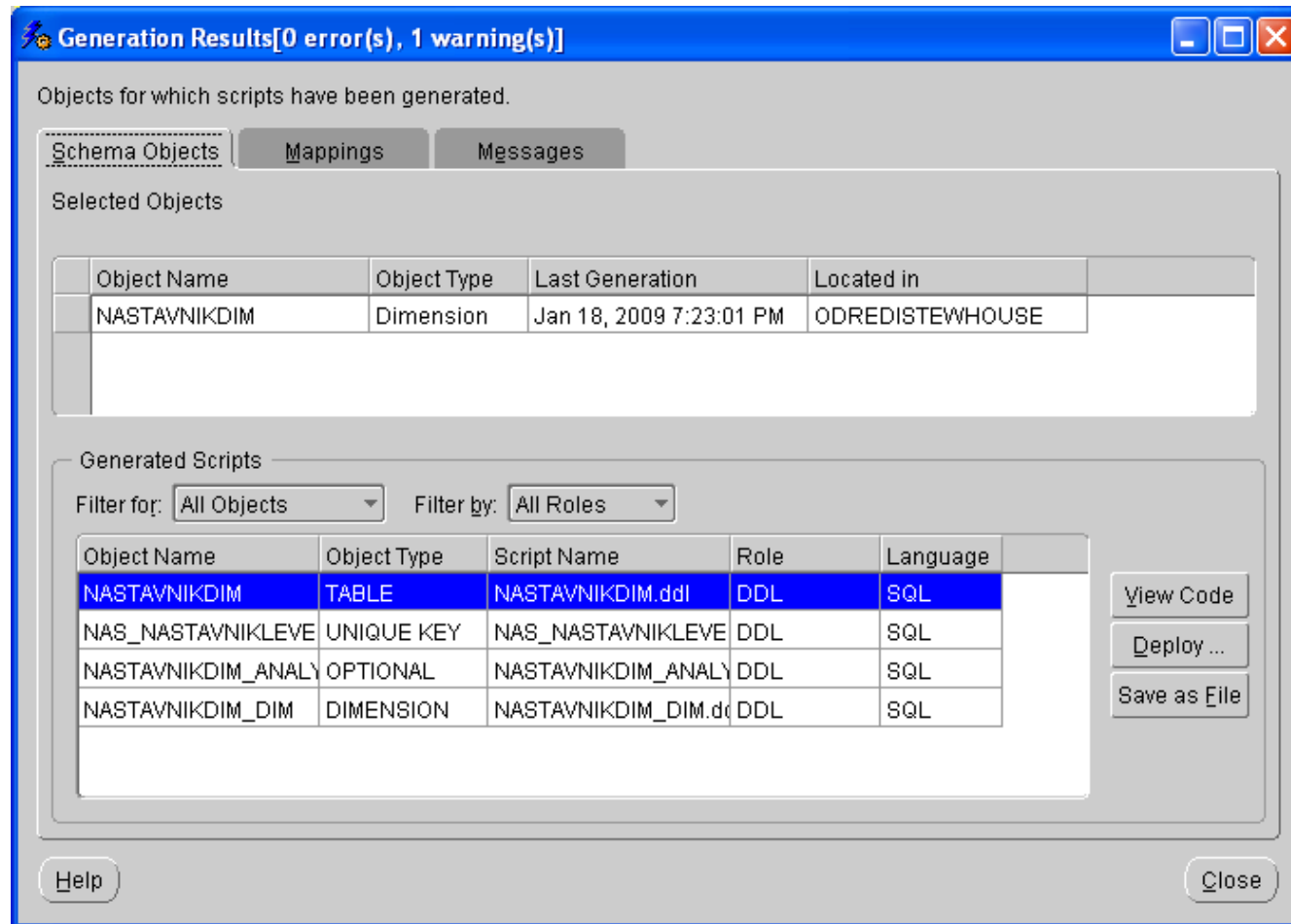
DEPLOY - sekvencera



DEPLOY - sekvencera



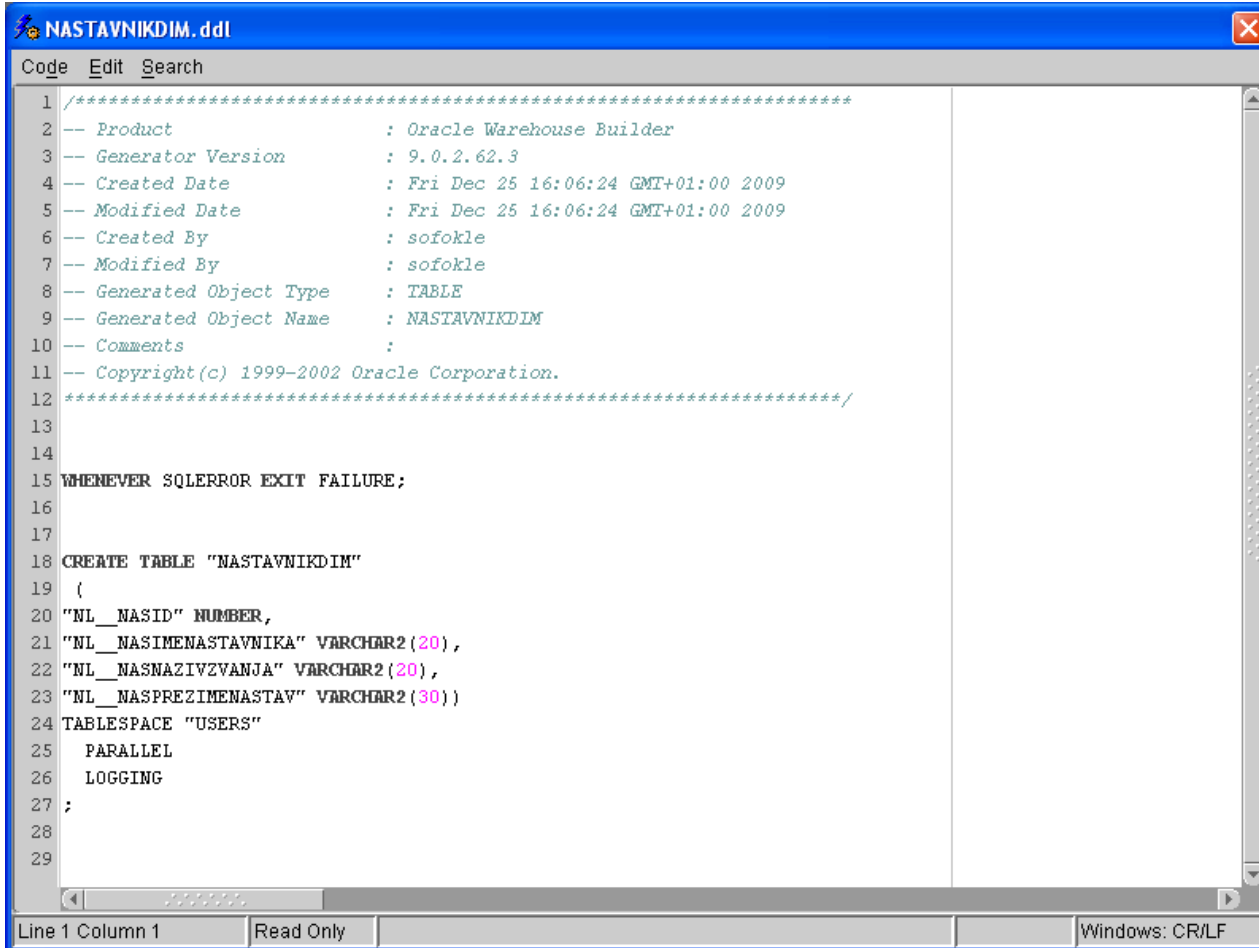
DEPLOY – dimenzije NASTAVNIK



Treba sve da se deploy
ne samo TABLE

DEPLOY – dimenzije NASTAVNIK

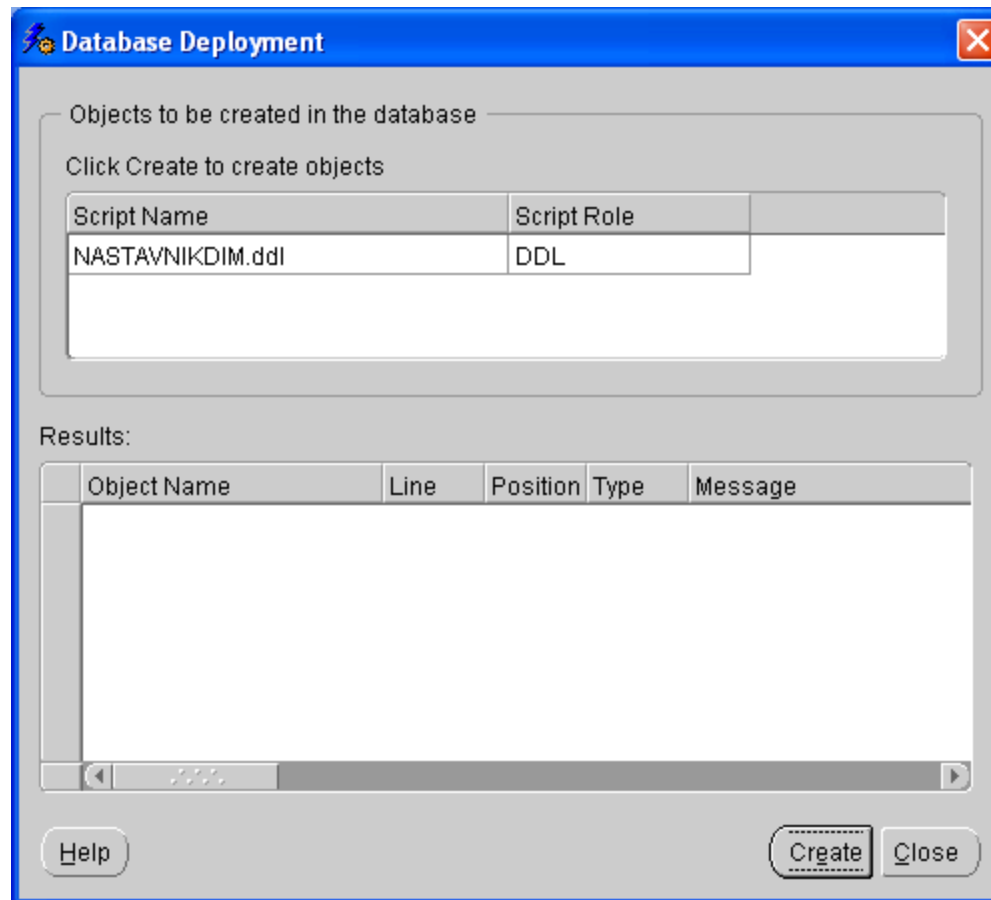
View Code



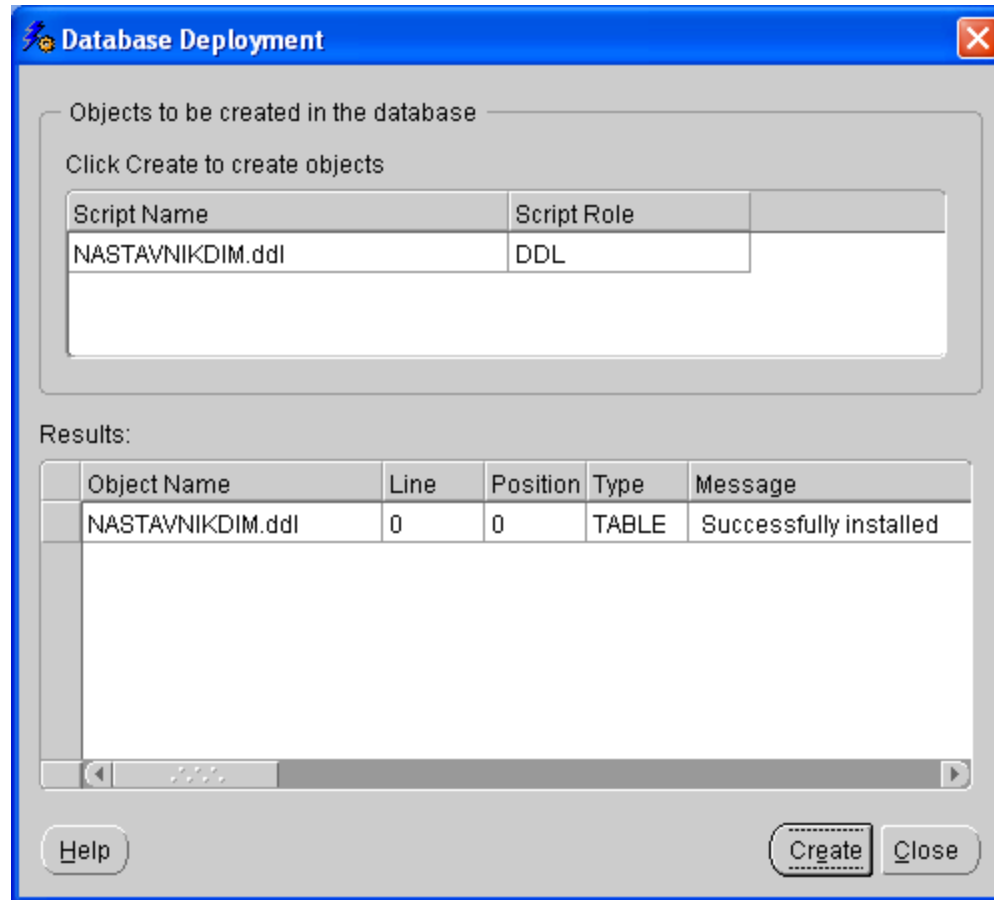
```
1 /*****
2 -- Product           : Oracle Warehouse Builder
3 -- Generator Version  : 9.0.2.62.3
4 -- Created Date      : Fri Dec 25 16:06:24 GMT+01:00 2009
5 -- Modified Date     : Fri Dec 25 16:06:24 GMT+01:00 2009
6 -- Created By        : sofokle
7 -- Modified By       : sofokle
8 -- Generated Object Type : TABLE
9 -- Generated Object Name : NASTAVNIKDIM
10 -- Comments          :
11 -- Copyright(c) 1999-2002 Oracle Corporation.
12 *****/
13
14
15 WHENEVER SQLERROR EXIT FAILURE;
16
17
18 CREATE TABLE "NASTAVNIKDIM"
19 (
20 "NL_NASID" NUMBER,
21 "NL_NASIMENASTAVNIKA" VARCHAR2(20),
22 "NL_NASNAZIVZVANJA" VARCHAR2(20),
23 "NL_NASPREZIMENASTAV" VARCHAR2(30))
24 TABLESPACE "USERS"
25 PARALLEL
26 LOGGING
27 ;
28
29
```

Line 1 Column 1 Read Only Windows: CR/LF

DEPLOY – dimenzije NASTAVNIK



DEPLOY – dimenzije NASTAVNIK



DEPLOY – dimenzije NASTAVNIK

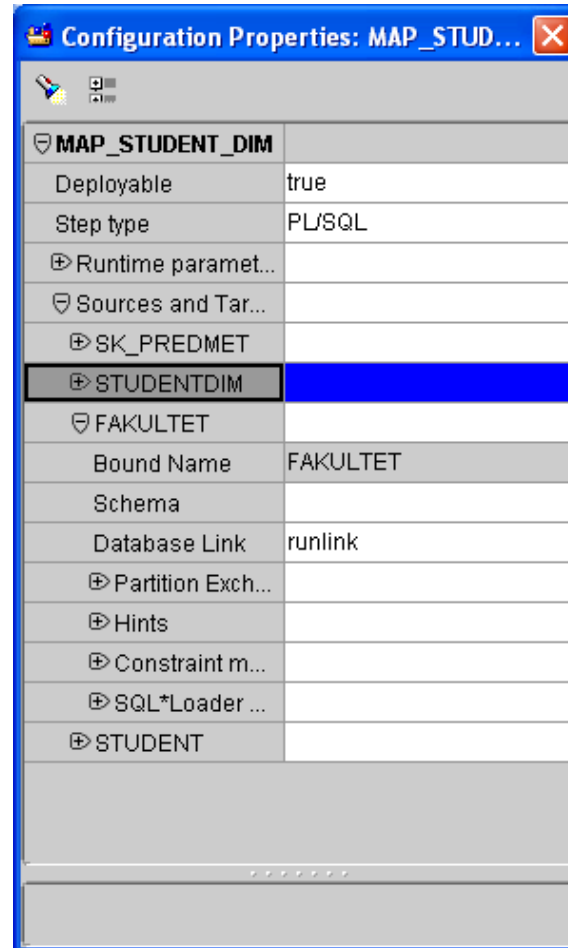
The screenshot displays the Oracle SQL Developer interface. The left-hand pane shows a tree view of the database schema, with the 'Tables' folder expanded to show the 'NASTAVNIKDIM' table. The main window shows the 'Columns' tab for this table, displaying a table with the following data:

Column Name	Data Type	Nullable	Data Default	COLUMN ID	Primary Key	COMMENTS
NL_NASID	NUMBER	Yes	(null)	1	(null) (null)	
NL_NASIMENASTAVNIKA	VARCHAR2(20 BYTE)	Yes	(null)	2	(null) (null)	
NL_NASNAZIVZVANJA	VARCHAR2(20 BYTE)	Yes	(null)	3	(null) (null)	
NL_NASPREZIMENASTAV	VARCHAR2(30 BYTE)	Yes	(null)	4	(null) (null)	

At the bottom of the window, the status bar indicates 'TABLE VEZBERUN.NASTAVNIKDIM@ZaDeploy1' and 'Editing'.

DEPLOY – MAP_Student_dim

Za deploy mapiranja potrebno je prvo u Configure Properties podesiti odgovarajući link.
Link se podešava samo za tabele iz OLTP baze



DEPLOY – MAP_Student_dim

Generation Results[0 error(s), 2 warning(s)]

Objects for which scripts have been generated.

Schema Objects | Mappings | Messages

Selected Objects

Object Name	Object Type	Last Generation	Located in
MAP_STUDENTI_DIM	Package	Jan 18, 2009 7:43:31 PM	

Generated Scripts

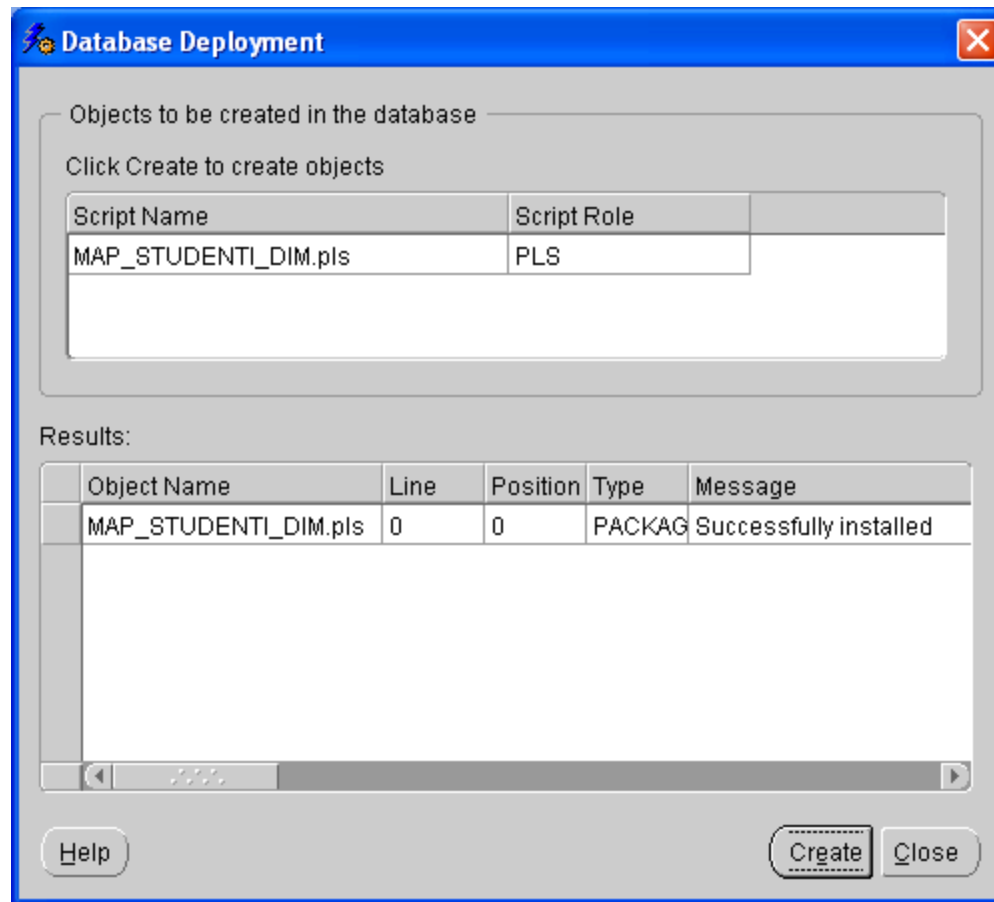
Filter for: All Objects | Filter by: All Roles

Object Name	Object Type	Script Name	Role	Language
MAP_STUDENTI_DIM	PACKAGE	MAP_STUDENTI_DIM.PLS	PLS	PLSQL
MAP_STUDENTI_DIM	ORACLEOBJECT	MAP_STUDENTI_DIM.PLSRUNPRM	PLSRUNPRM	TCL

View Code
Deploy ...
Save as File
Run
OEM Register

Help | Close

DEPLOY – MAP_Student_dim



DEPLOY – MAP_Student_dim

The screenshot displays the Oracle SQL Developer interface. On the left, the 'Connections' pane shows a tree view with 'ZaDeploy1' expanded to 'Packages', where 'MAP_STUDENT_DIM' is selected. The main editor window shows the following PL/SQL code:

```
create or replace PACKAGE MAP_STUDENT_DIM AS

-- Auditing mode constants
AUDIT_NONE          CONSTANT BINARY_INTEGER := 0;
AUDIT_STATISTICS    CONSTANT BINARY_INTEGER := 1;
AUDIT_ERROR_DETAILS CONSTANT BINARY_INTEGER := 2;
AUDIT_COMPLETE      CONSTANT BINARY_INTEGER := 3;

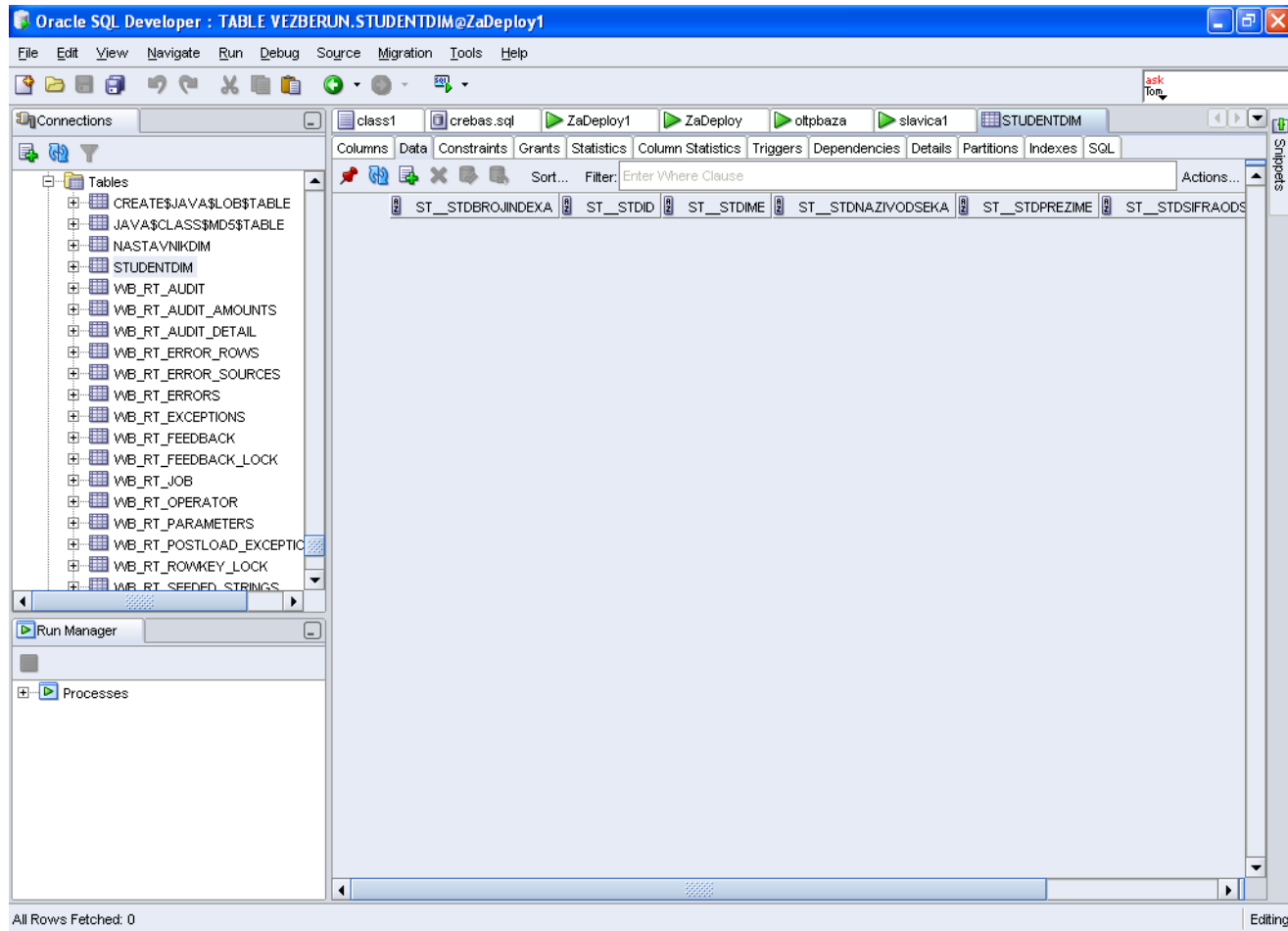
-- Operating mode constants
MODE_SET            CONSTANT BINARY_INTEGER := 0;
MODE_ROW            CONSTANT BINARY_INTEGER := 1;
MODE_ROW_TARGET     CONSTANT BINARY_INTEGER := 2;
MODE_SET_FAILOVER_ROW CONSTANT BINARY_INTEGER := 3;
MODE_SET_FAILOVER_ROW_TARGET CONSTANT BINARY_INTEGER := 4;

-- Variables for auditing
get_runtime_audit_id NUMBER(22) := 0;
get_audit_level      BINARY_INTEGER := AUDIT_ERROR_DETAILS;
get_cycle_date       CONSTANT DATE := SYSDATE;
get_model_id         CONSTANT NUMBER(22) := 0;
get_model_name       CONSTANT VARCHAR2(40) := 'MAP_STUDENT_DIM';
get_purge_group      CONSTANT VARCHAR2(40) := 'wb';

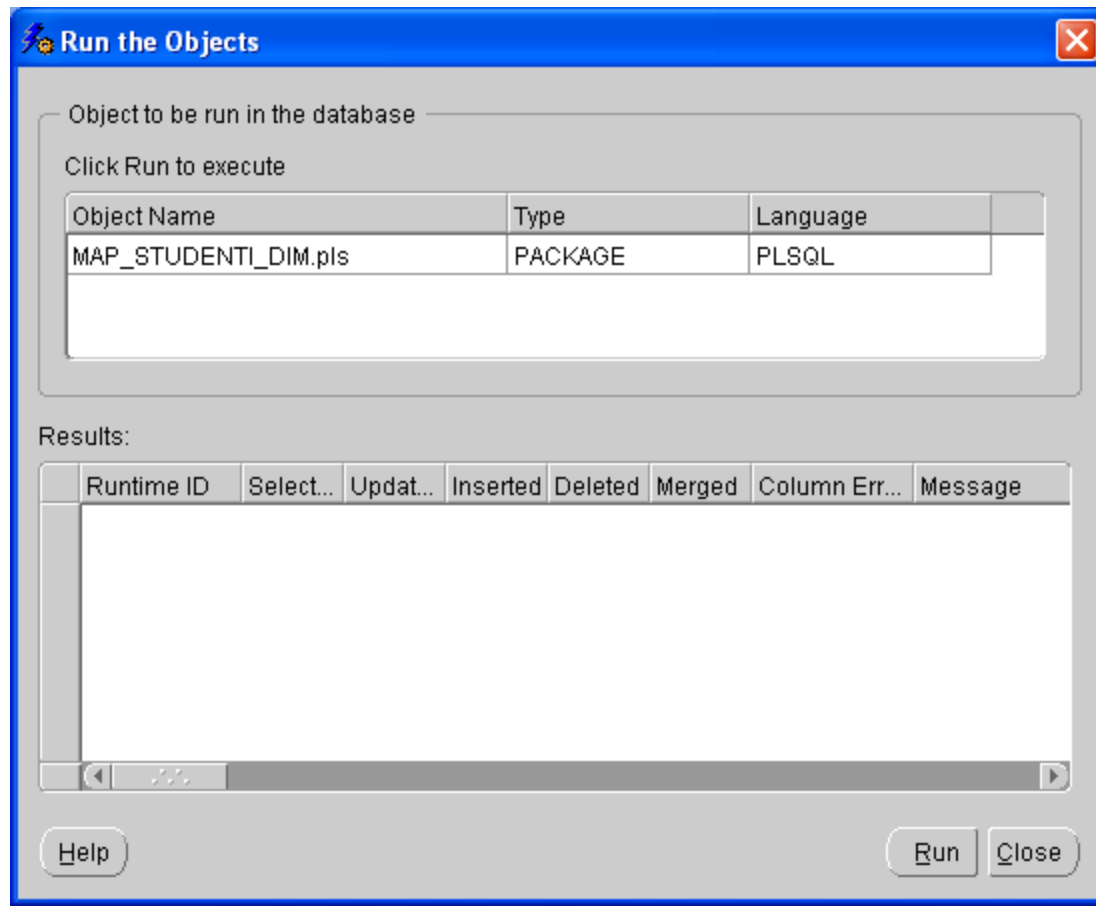
-- Processing variables
get_selected         NUMBER(22) := 0;
get_inserted         NUMBER(22) := 0;
get_updated          NUMBER(22) := 0;
get_deleted          NUMBER(22) := 0;
get_merged           NUMBER(22) := 0;
get_errors           NUMBER(22) := 0;
get_abort            BOOLEAN := FALSE;
```

The status bar at the bottom indicates 'PACKAGE VEZBERUN.MAP_STUDENT_DIM@ZaDeploy1' and 'Editing'.

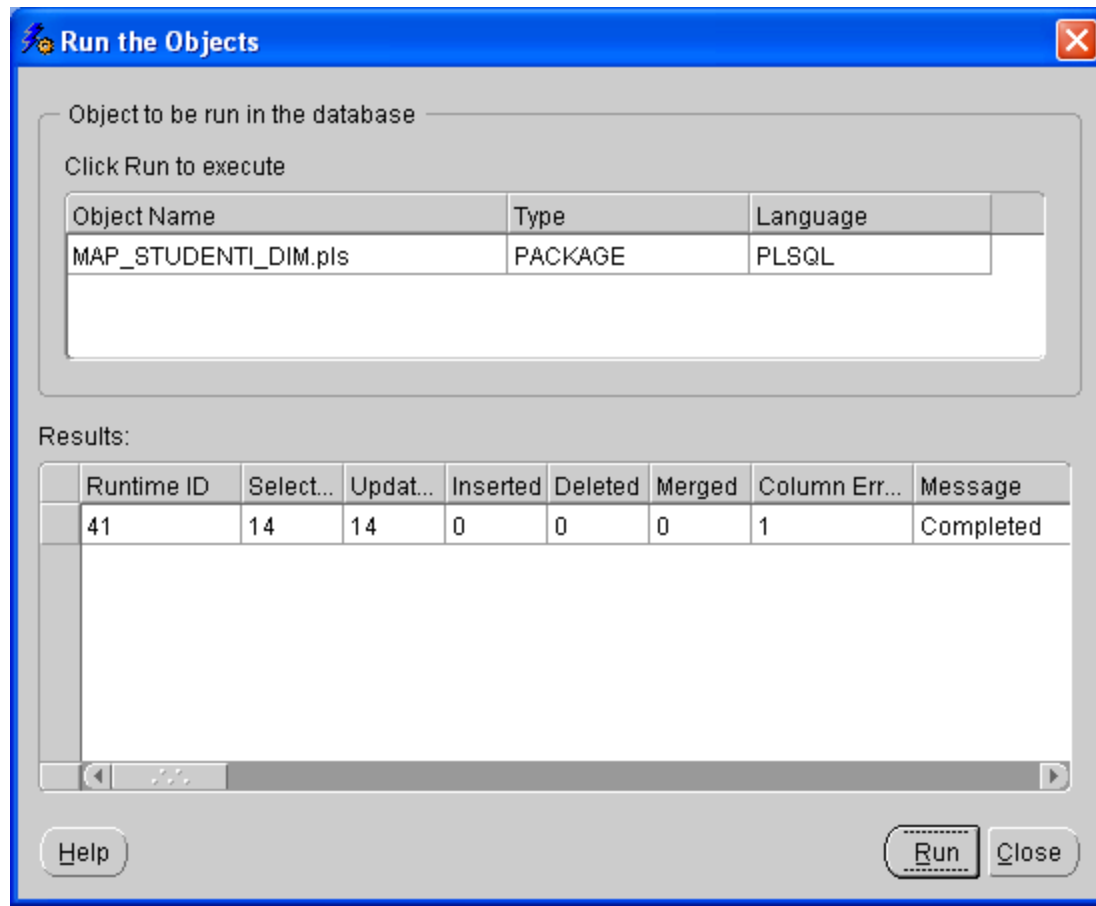
DEPLOY – MAP_Student_dim



RUN – MAP_Student_dim



RUN – MAP_Student_dim



RUN – MAP_Student_dim

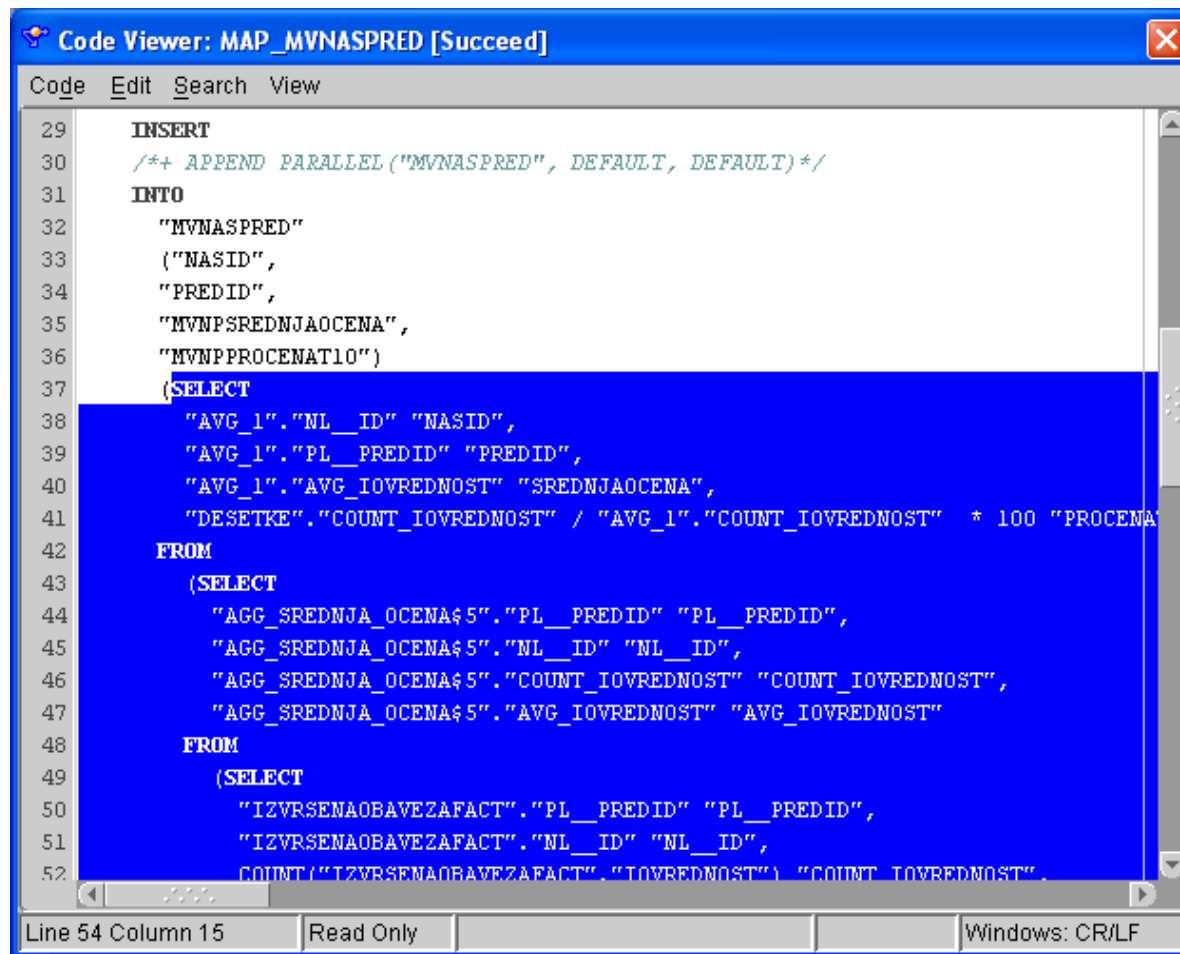
The screenshot displays the Oracle SQL Developer interface. The main window shows the 'STUDENTDIM' table data. The left pane shows the database schema with various tables and views. The bottom pane shows the Run Manager with a single process running. The status bar at the bottom indicates 'All Rows Fetched: 14' and 'Editing'.

	ST_STDBROJINDEXA	ST_STDID	ST_STDIME	ST_STDNAZIVODSEKA	ST_STDPREZIME	ST_STDSIFRAODS
1	300	1	Petar	elektro	Peic	
2	200	2	Pera	elektro	Peric	
3	201	3	Goran	elektro	Goranic	
4	301	4	Ilija	elektro	Savic	
5	100	5	Jovan	elektro	Ilic	
6	302	6	Milan	elektro	Milic	
7	303	7	Iva	elektro	Ivic	
8	304	8	Jovan	elektro	Jovanovic	
9	305	9	Sava	elektro	Savic	
10	306	10	Petar	elektro	Petrovic	
11	307	11	Janko	elektro	Jankovic	
12	308	12	Ivana	elektro	Ivanovic	
13	309	13	Dragan	elektro	Draganic	
14	310	14	Nikola	elektro	Nikolic	

DEPLOY Materijalizovanih pogleda

- U Mapping editoru materijalizovanog pogleda generiše se programski kod (Mapping -> Generate ->Mapping)
- Kopira se deo programskog koda koji se odnosi na SELECT u Query TAB materijalizovanog pogleda (Properties materijalizovanog pogleda)
- Radi se Deploy materijalizovanog pogleda

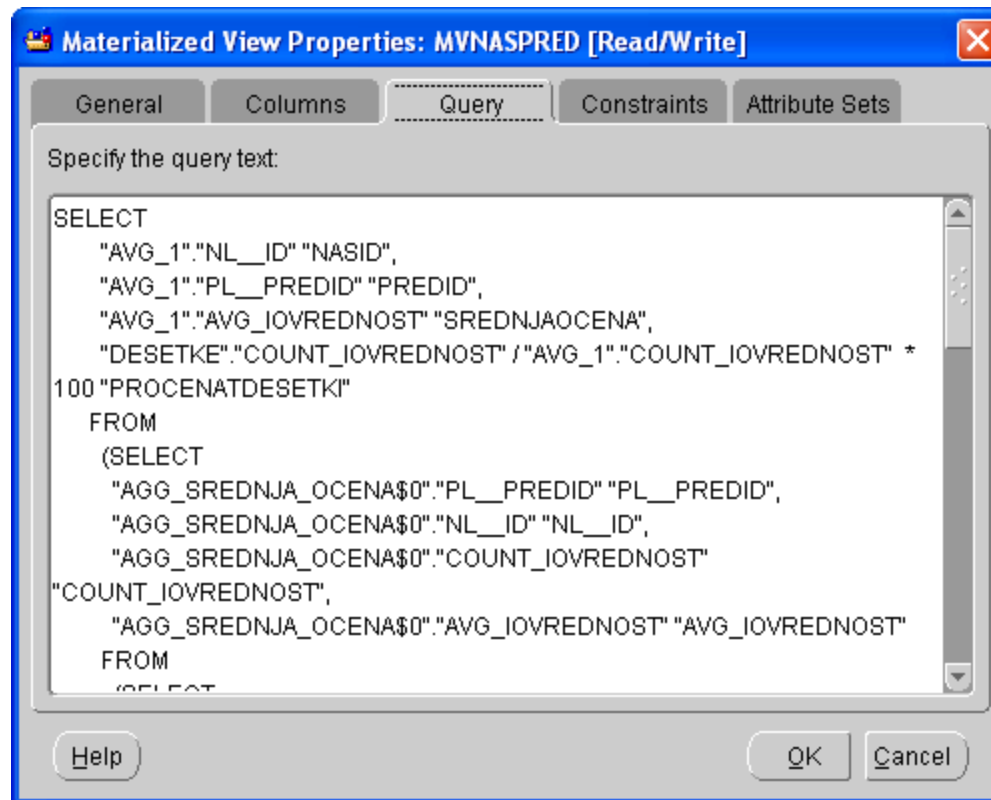
DEPLOY Materijalizovanih pogleda



```
Code Viewer: MAP_MVNASPRED [Succeed]
Code Edit Search View
29  INSERT
30  /*+ APPEND PARALLEL('MVNASPRED', DEFAULT, DEFAULT)*/
31  INTO
32  "MVNASPRED"
33  ("NASID",
34  "PREDID",
35  "MVNPSREDNJAOCENA",
36  "MVNPPROCENTATIO")
37  (SELECT
38  "AVG_1"."NL_ID" "NASID",
39  "AVG_1"."PL_PREDID" "PREDID",
40  "AVG_1"."AVG_IOVREDNOST" "SREDNJAOCENA",
41  "DESETKE"."COUNT_IOVREDNOST" / "AVG_1"."COUNT_IOVREDNOST" * 100 "PROCENA
42  FROM
43  (SELECT
44  "AGG_SREDNJA_OCENA$5"."PL_PREDID" "PL_PREDID",
45  "AGG_SREDNJA_OCENA$5"."NL_ID" "NL_ID",
46  "AGG_SREDNJA_OCENA$5"."COUNT_IOVREDNOST" "COUNT_IOVREDNOST",
47  "AGG_SREDNJA_OCENA$5"."AVG_IOVREDNOST" "AVG_IOVREDNOST"
48  FROM
49  (SELECT
50  "IZVRSENAOBAVEZAFACT"."PL_PREDID" "PL_PREDID",
51  "IZVRSENAOBAVEZAFACT"."NL_ID" "NL_ID",
52  COUNT("IZVRSENAOBAVEZAFACT"."IOVREDNOST") "COUNT_IOVREDNOST",
```

Line 54 Column 15 | Read Only | Windows: CR/LF

DEPLOY Materijalizovanih pogleda



Kraj