

Fakultet tehničkih nauka, DRA, Novi Sad

Predmet:

Sistemi skladišta podataka

Dr Ivan Luković,

Mr Slavica Aleksić

Marko Knežević

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

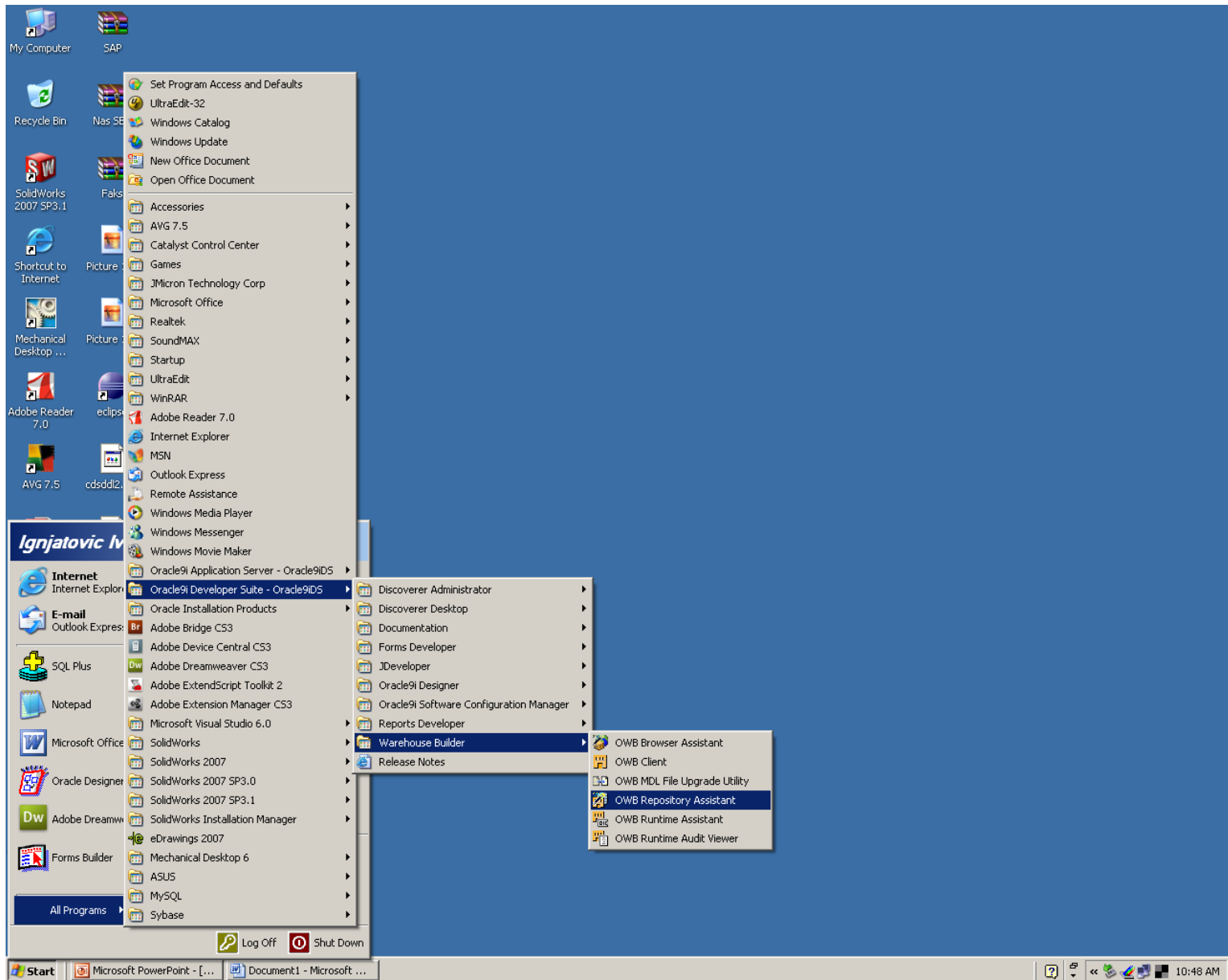
- Baza podataka db2012:
 - Studentska korisnička šema (user schema) pod nazivom **Exxxxx** (OLTP baza podataka)
 - User name: Exxxxx ili lxxxxx (xxxxx je broj indeksa)
 - Password: ftn
- Baza podataka db2012wh:
 - Studentska korisnička šema (user schema) pod nazivom **ExxxxxWH** (OWB repository)
 - User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





This wizard will guide you through the Installation of Oracle Warehouse Builder Repository:



Step 1: Choose Operation Create, Upgrade or Drop.

Step 2: Provide Hostname, Port Number and Oracle SID.

Step 3: User Type: New or Existing user.

Step 4: Give User Name and Password.

Step 5: Give Sys User Name and Password.

Step 6: Give Tablespace information.

Click Next to continue

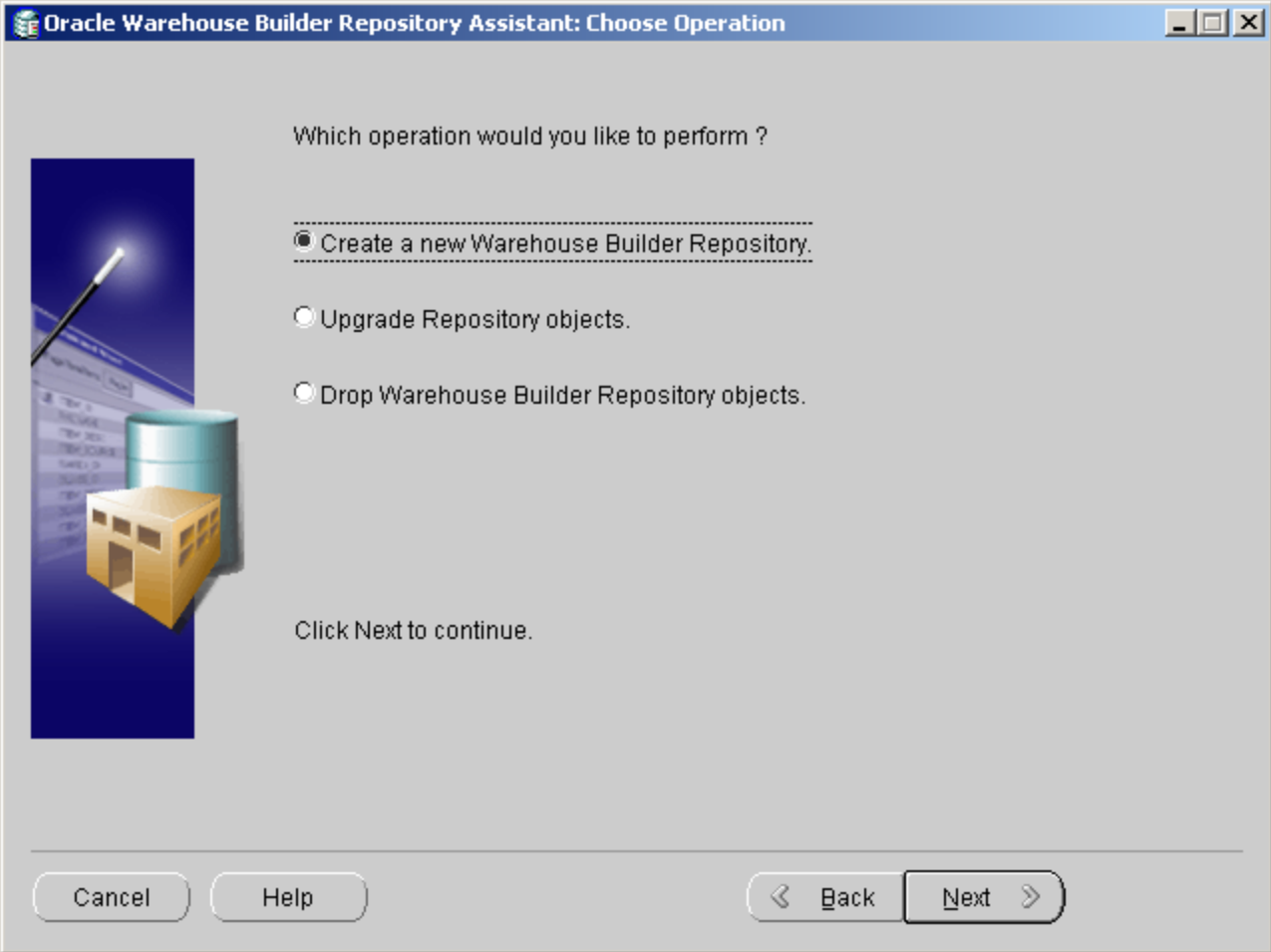
Show this page next time.

Cancel

Help

< Back

Next >



Oracle Warehouse Builder Repository Assistant: Choose Operation

Which operation would you like to perform ?

- Create a new Warehouse Builder Repository.
- Upgrade Repository objects.
- Drop Warehouse Builder Repository objects.

Click Next to continue.

Cancel

Help

< Back

Next >

Oracle Warehouse Builder Repository Assistant: Server Information

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


Host Name:

Port Number:

Oracle SID:

Click Next to continue.

Cancel Help Back Next





Select one of the following choices.

- Create and install into a new user schema.
- Install into existing user Schema.

Click Next to continue.

Cancel

Help

< Back

Next >

Oracle Warehouse Builder Repository Assistant: User Name and Password

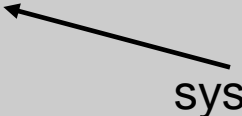

Enter the User Name and Password of a database user with SYSDBA privileges (typically SYS).

User Name:

Password:


Click Next to continue.

Cancel Help < Back Next >



Oracle Warehouse Builder Repository Assistant: User Name and Password

Enter existing User Name and Password for Repository schema.



User Name:

Broj indeksa


Password:

ftn

Click Next to continue.

Cancel Help < Back Next >

Oracle Warehouse Builder Repository Assistant: Summary



Summary of configuration details:

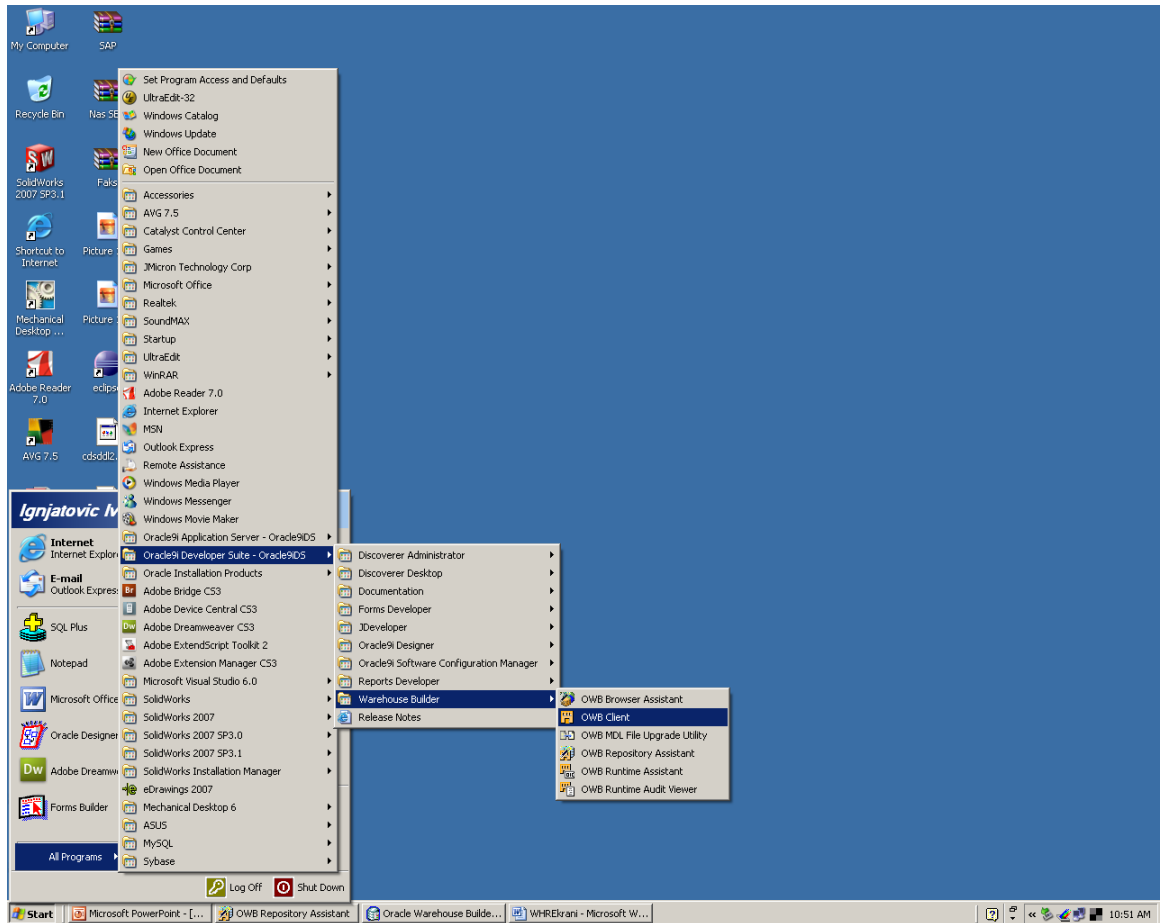
- Sys**
 - Host Name: 192.168.3.51
 - Port Number: 1521
 - Oracle SID: db2008wh
- Existing User**
 - User Name: slavicawh
- Sys Schema**
 - User Name: sys

Installation Successful

Oracle Warehouse Builder Repository Installation is Successful.

OK

Cancel Help Back Next Finish



Warehouse Builder Logon [X]

User Name:

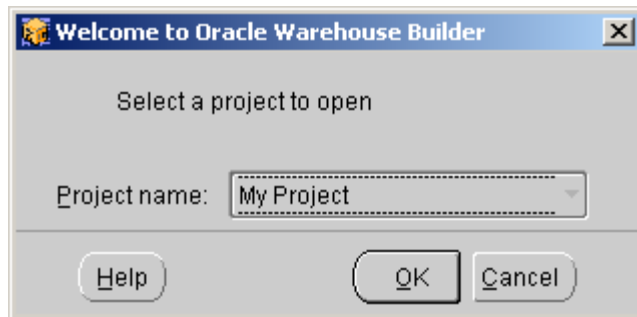
Password:

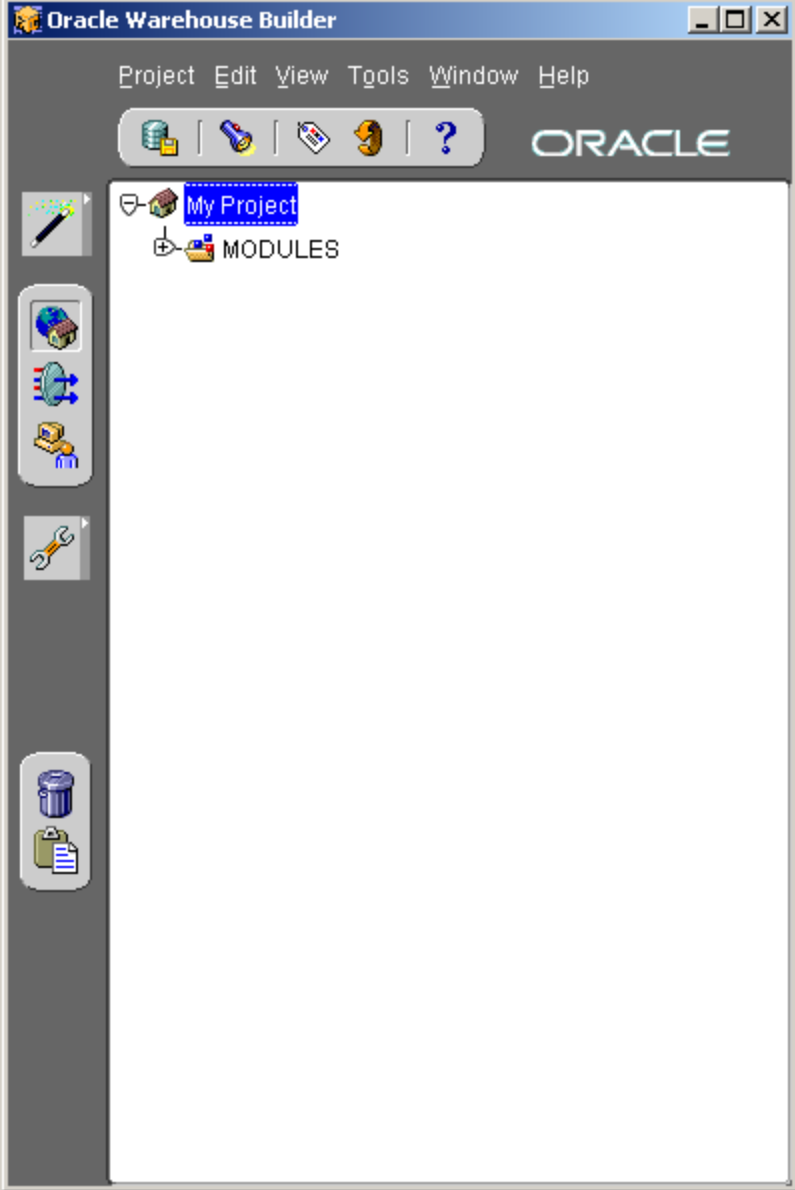
Connect Information [X]

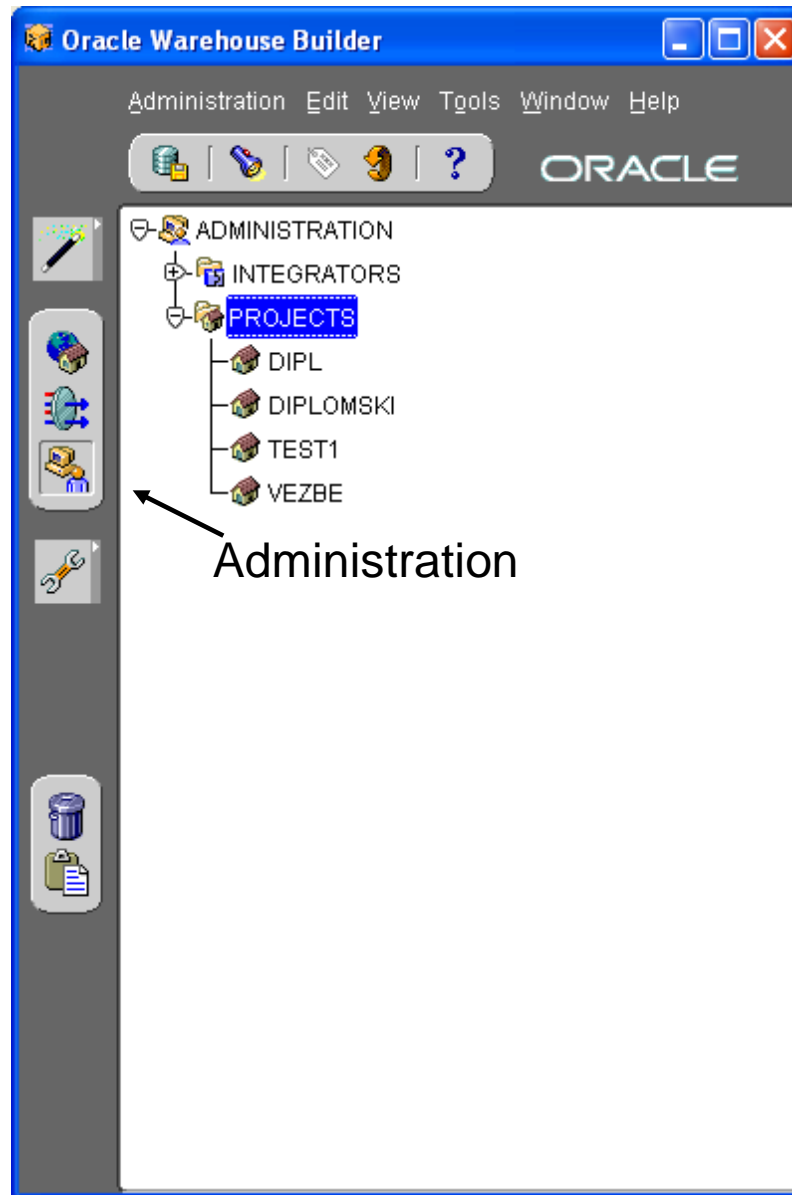
Host Name:

Port Number:

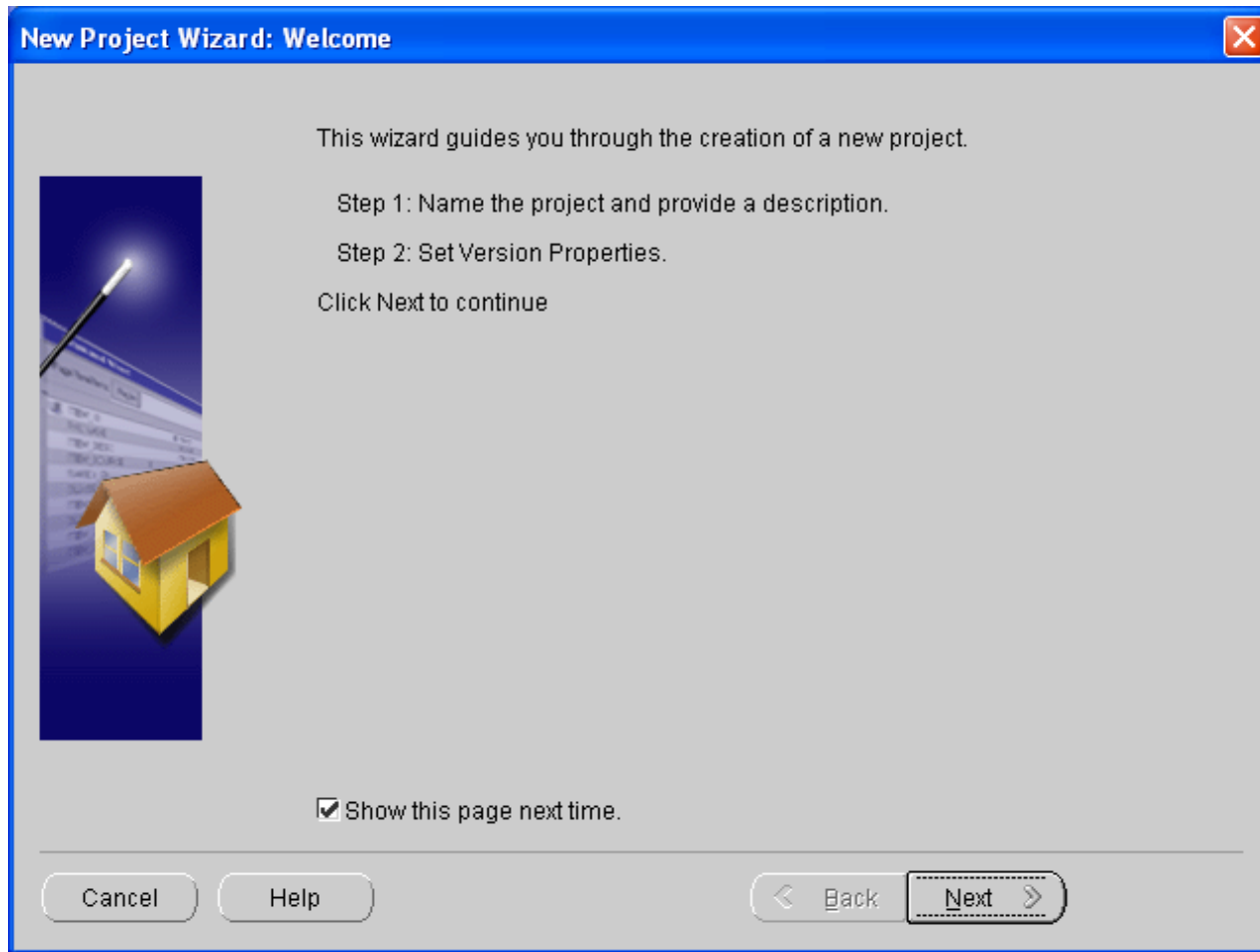
Oracle SID:







Kreiranje novog projekta




Kreiranje novog projekta

New Project Wizard: Name

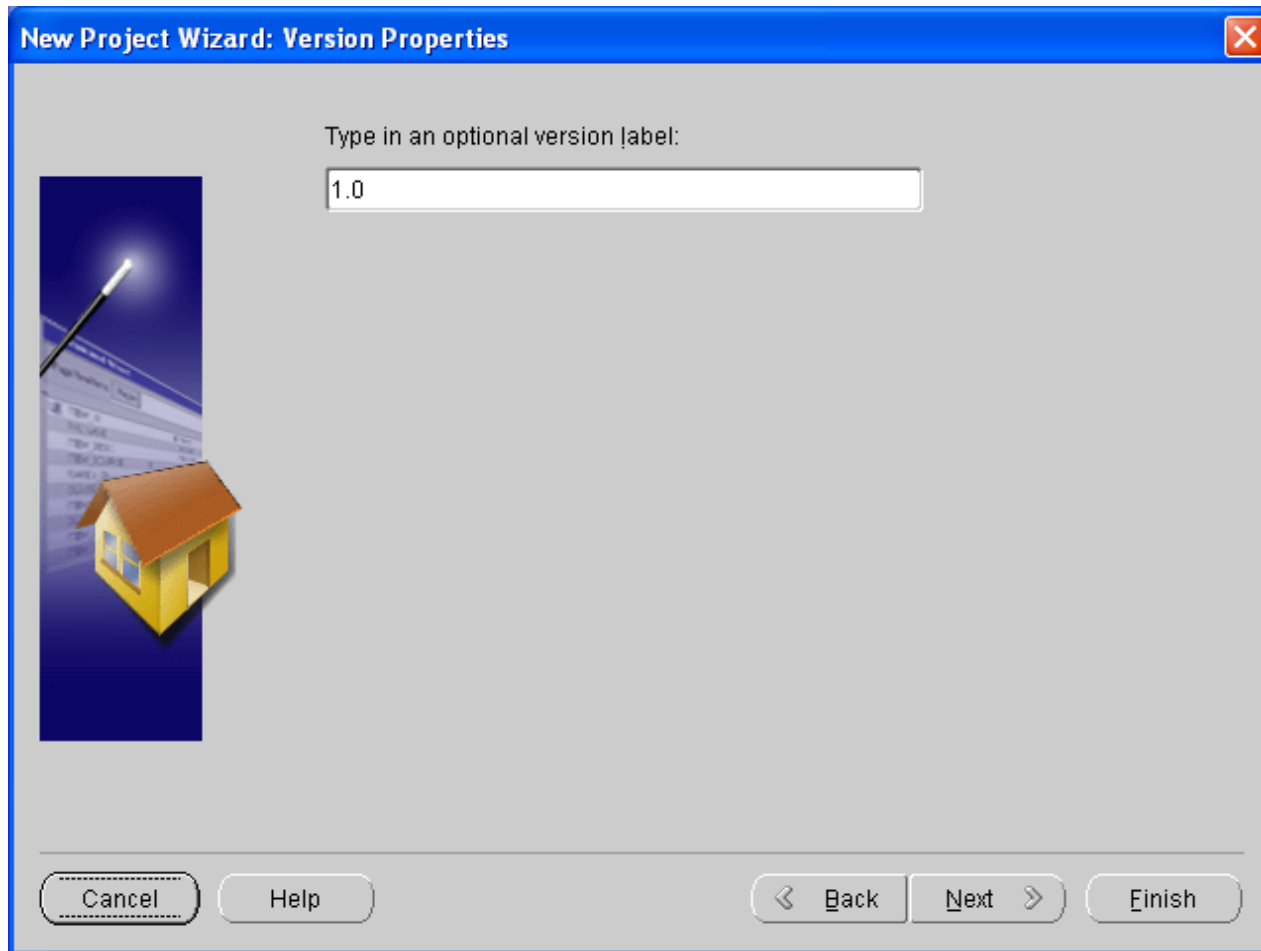
Type in a name for the project:

Type in an optional description:

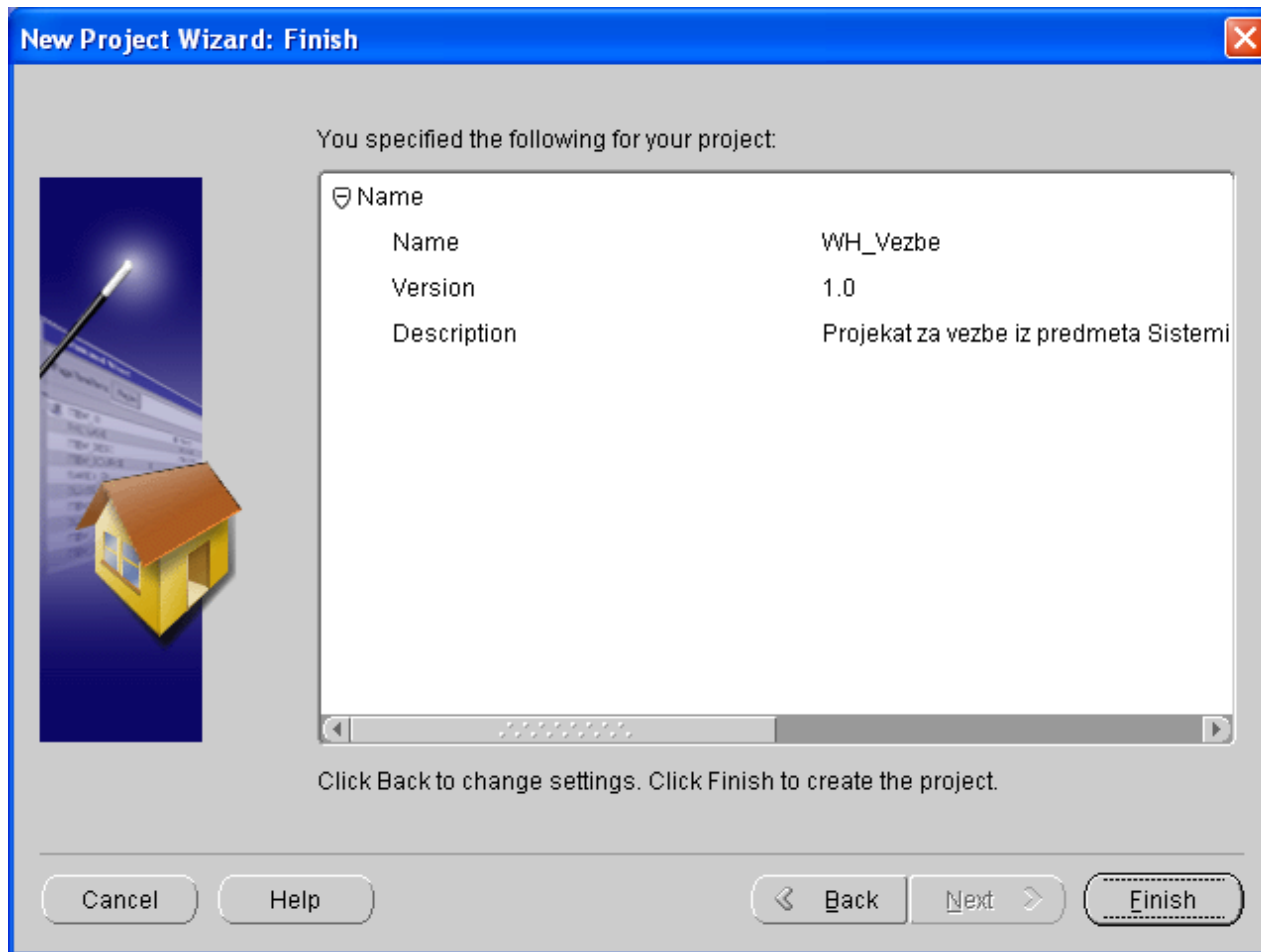
Cancel Help < Back Next > Finish

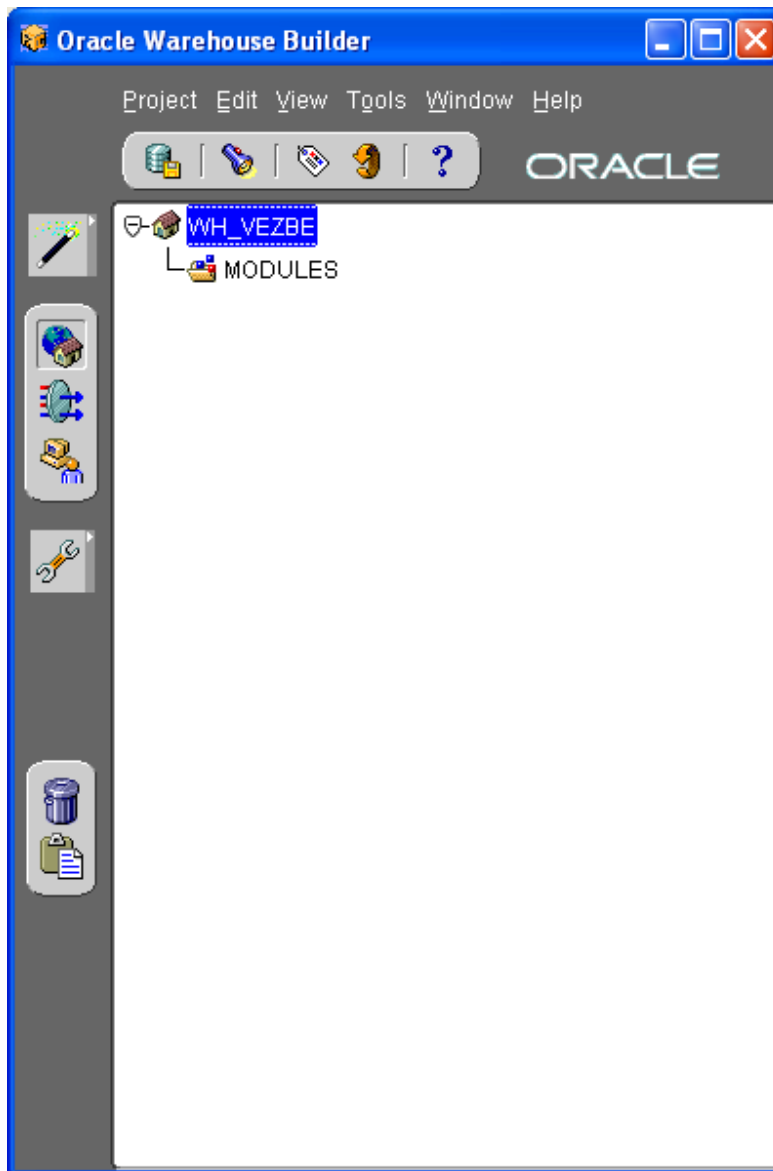
A vertical decorative graphic on the left side of the dialog box. It features a dark blue background with a glowing white wand tip at the top, a small yellow house with a brown roof in the middle, and a faint, semi-transparent image of a computer window with a table of data in the background.

Kreiranje novog projekta

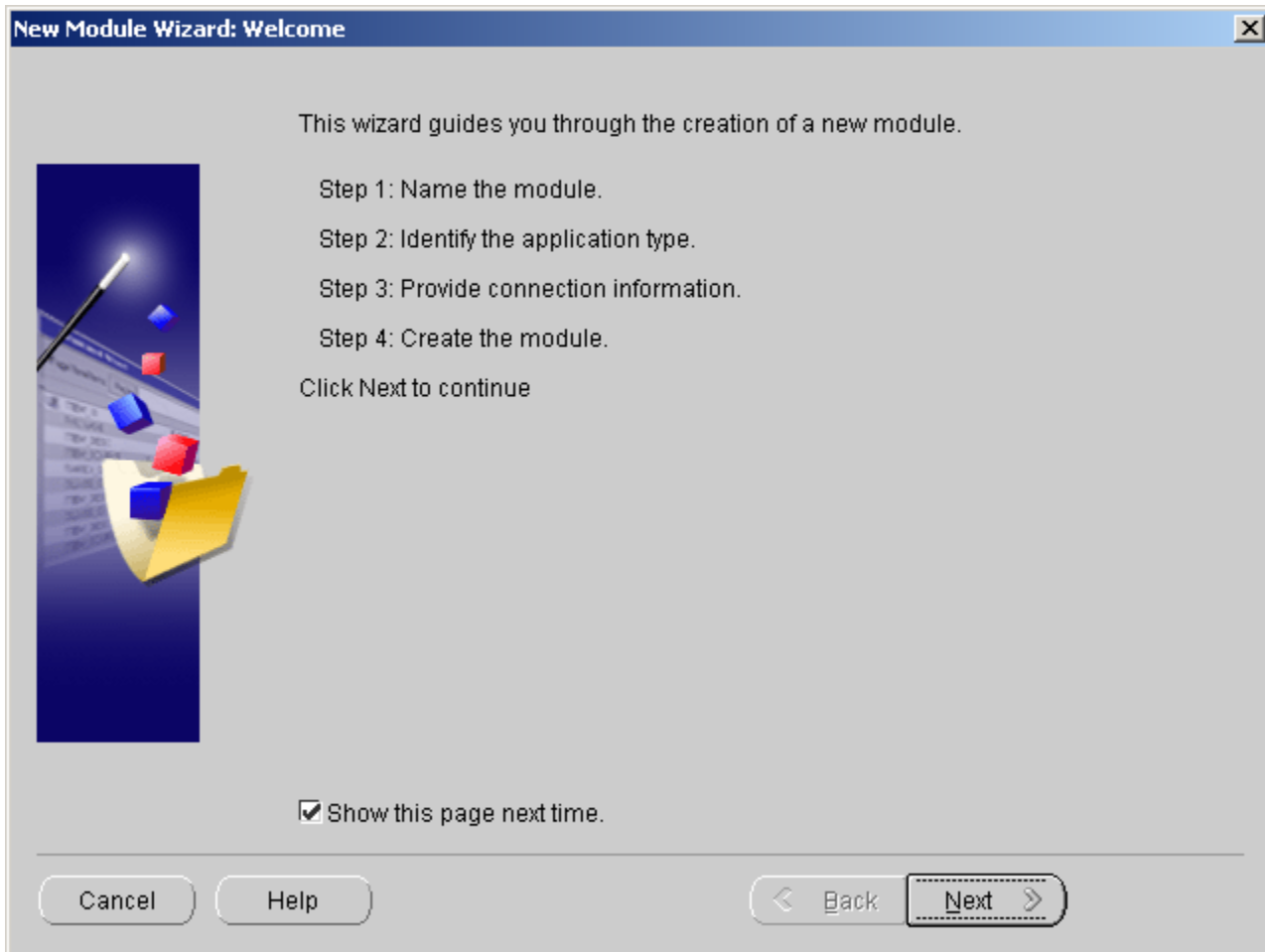


Kreiranje novog projekta

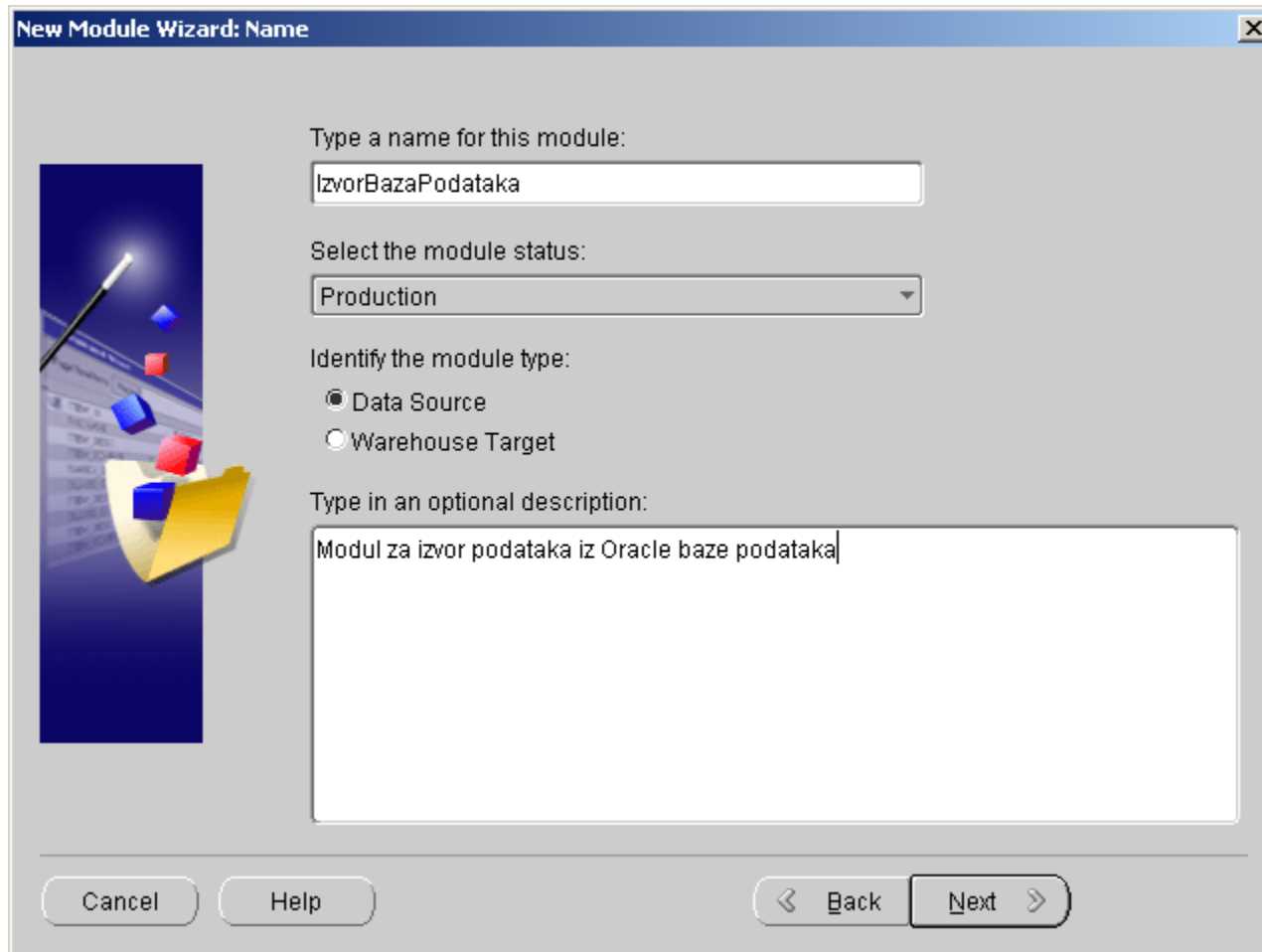




Kreiranje modula-izvor Oracle baza podataka



Kreiranje modula



The image shows a 'New Module Wizard: Name' dialog box. On the left side, there is a vertical decorative panel with a blue background, a yellow folder icon, and several small 3D cubes in blue, red, and yellow. The main area of the dialog contains the following fields and controls:

Type a name for this module:

Select the module status:


Identify the module type:
 Data Source
 Warehouse Target

Type in an optional description:

At the bottom, there are four buttons: 'Cancel', 'Help', '< Back', and 'Next >'.

Kreiranje modula

New Module Wizard: Data Source Information



Select the application:

Generic Oracle Database Application

Select the application version or system type:

Oracle Database 8i/9i


Select the integrator to access the data source:

Oracle OWB Integrator for Oracle DB and Apps 3.0

Cancel Help < Back Next >

Kreiranje modula

New Module Wizard: Connection Information



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

Please provide the connection information by selecting a database link and a schema.

Database link:

Owner:

User Name:

Connect String:

Schema:

Kreiranje modula

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:

Create and Test

Testing...
Successful.

Help OK Cancel

Kreiranje modula

New Module Wizard: Connection Information

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

Please provide the connection information by selecting a database link and a schema.

Database link: LINKNAORACLEBAZU.US.O...

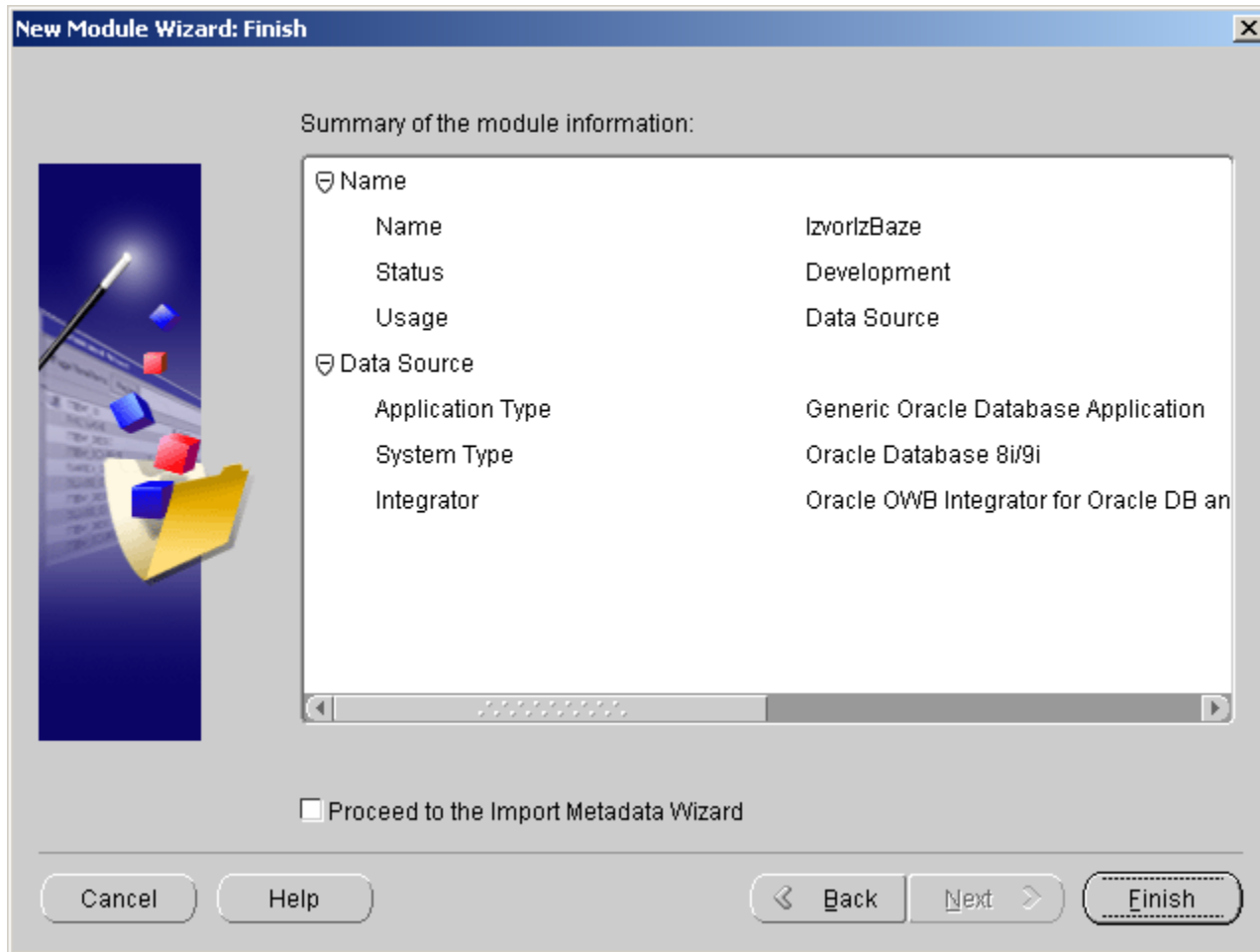
Owner: SOFOKLEWH

User Name: SOFOKLE

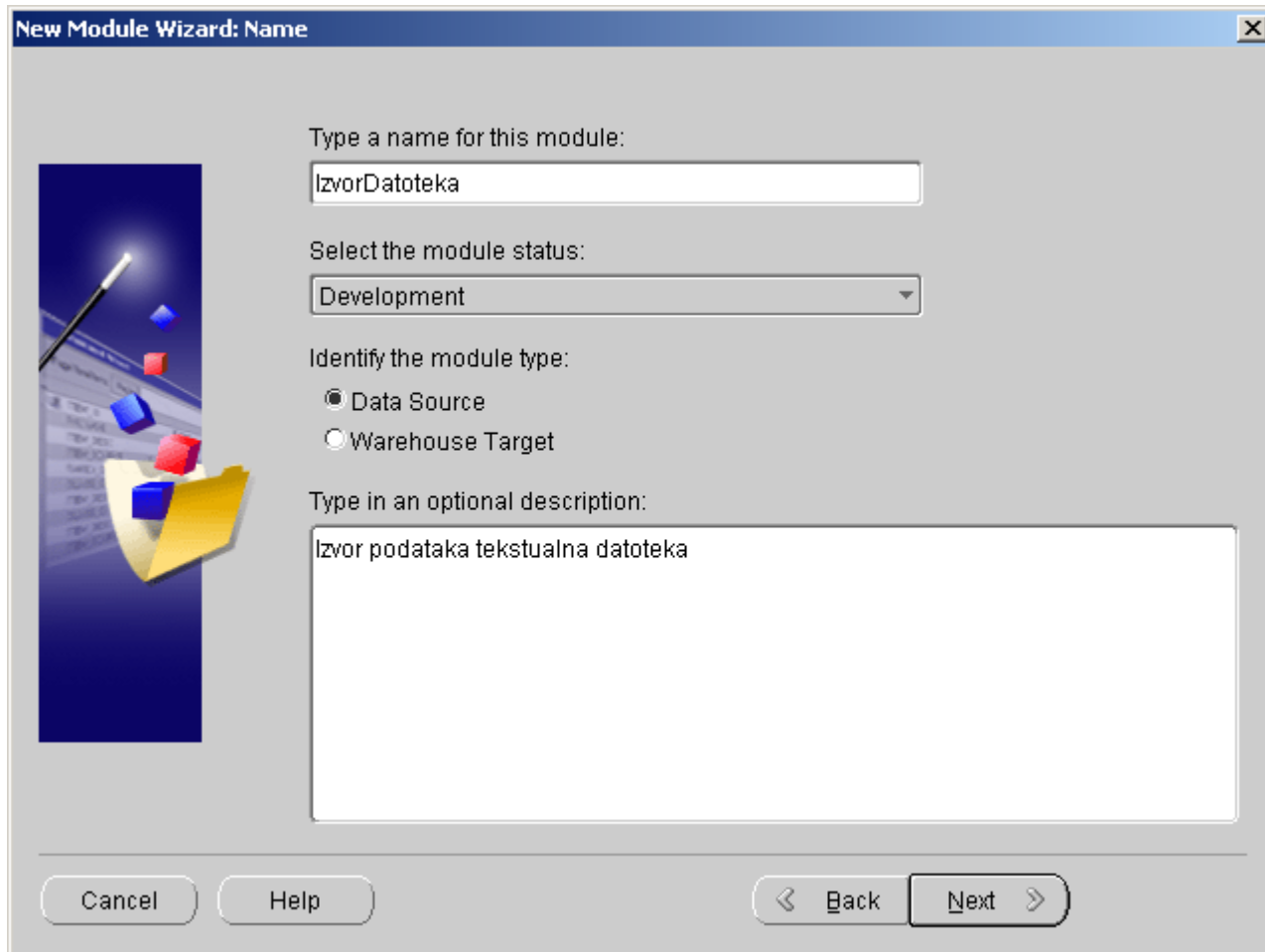
Connect String: db2009

Schema: SOFOKLE

Kreiranje modula



Kreiranje modula – izvor tekstualna datoteka



New Module Wizard: Name

Type a name for this module:
IzvorDatoteka

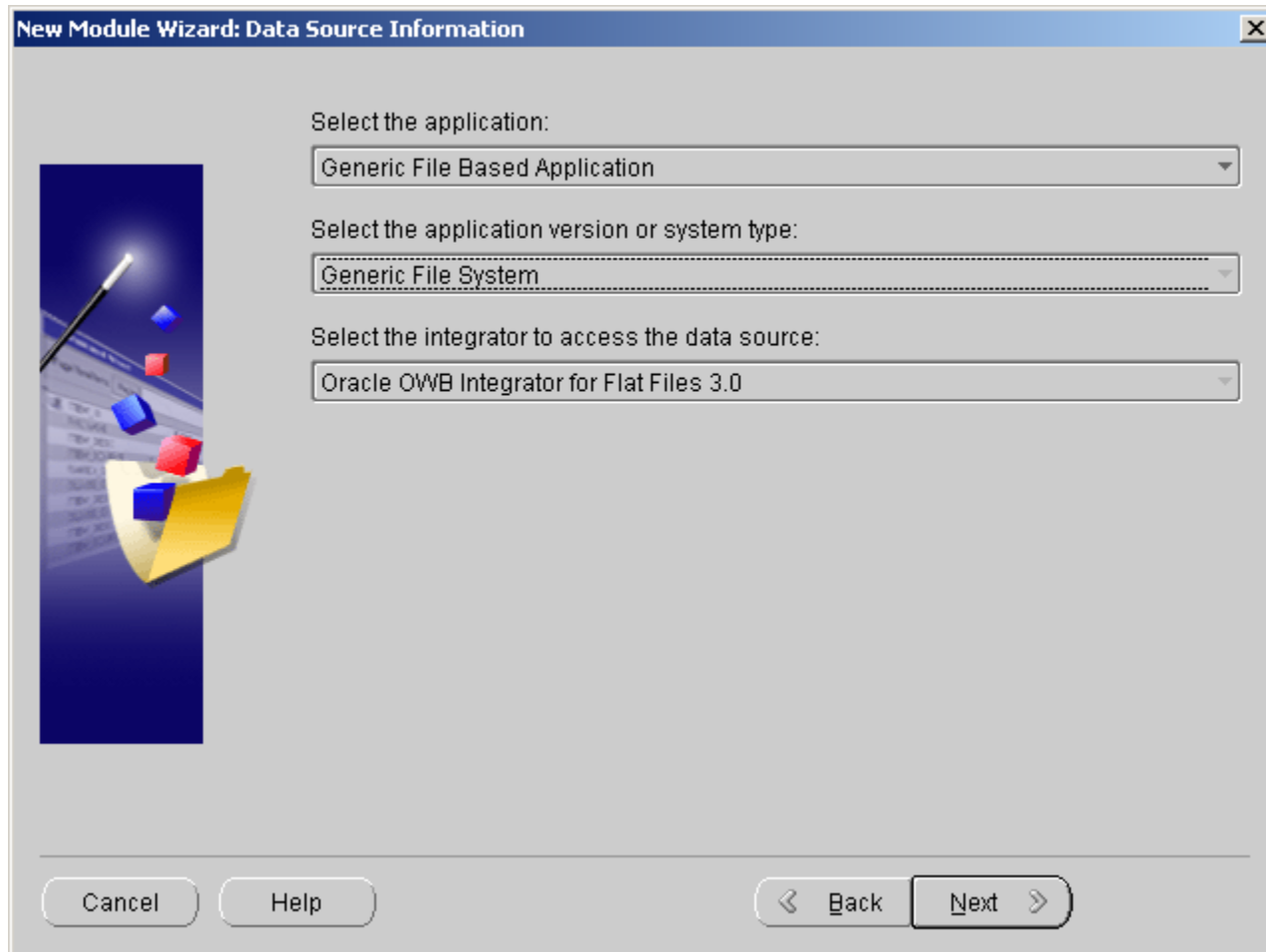
Select the module status:
Development

Identify the module type:
 Data Source
 Warehouse Target

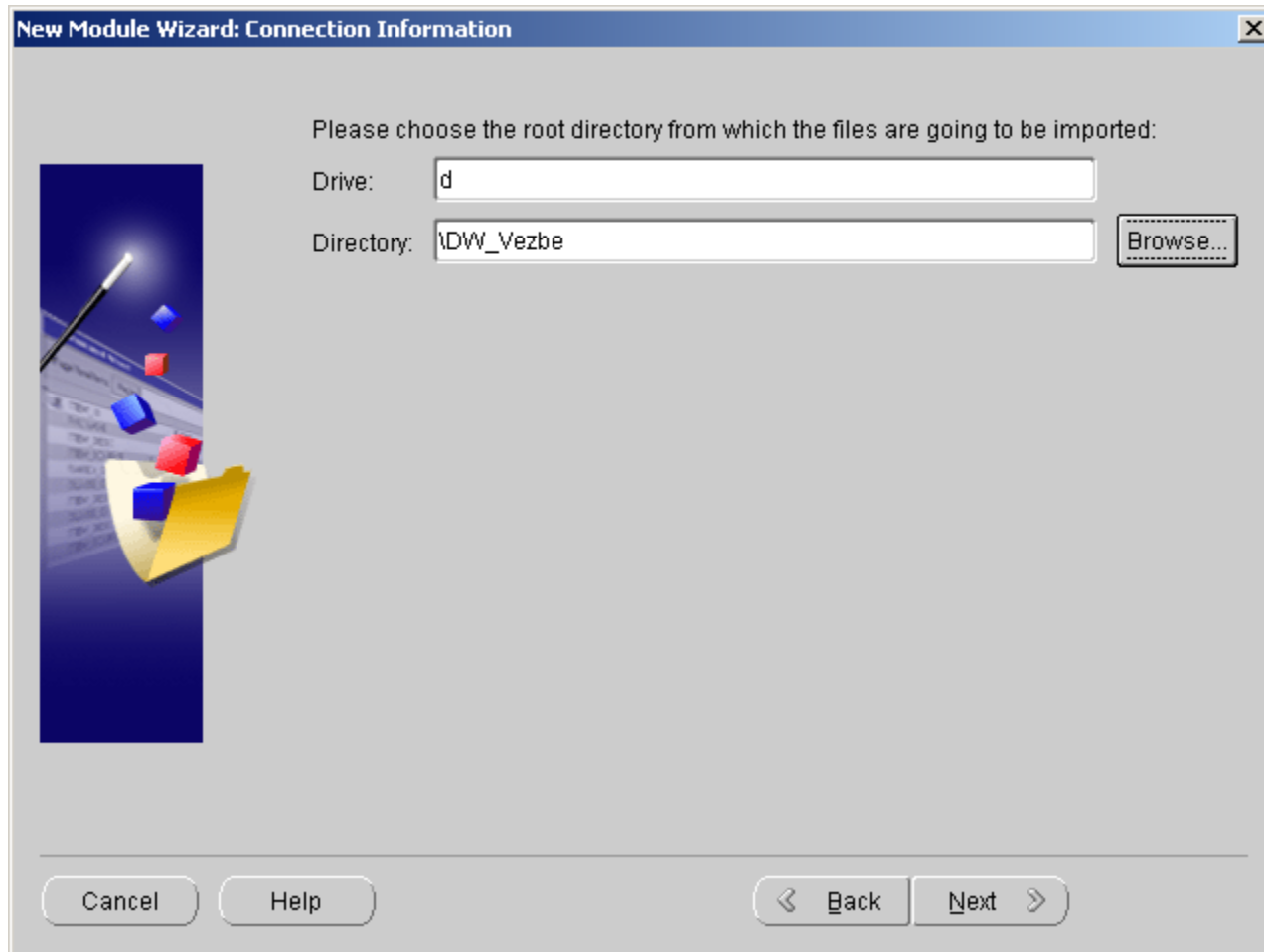
Type in an optional description:
Izvor podataka tekstualna datoteka

Cancel Help < Back Next >

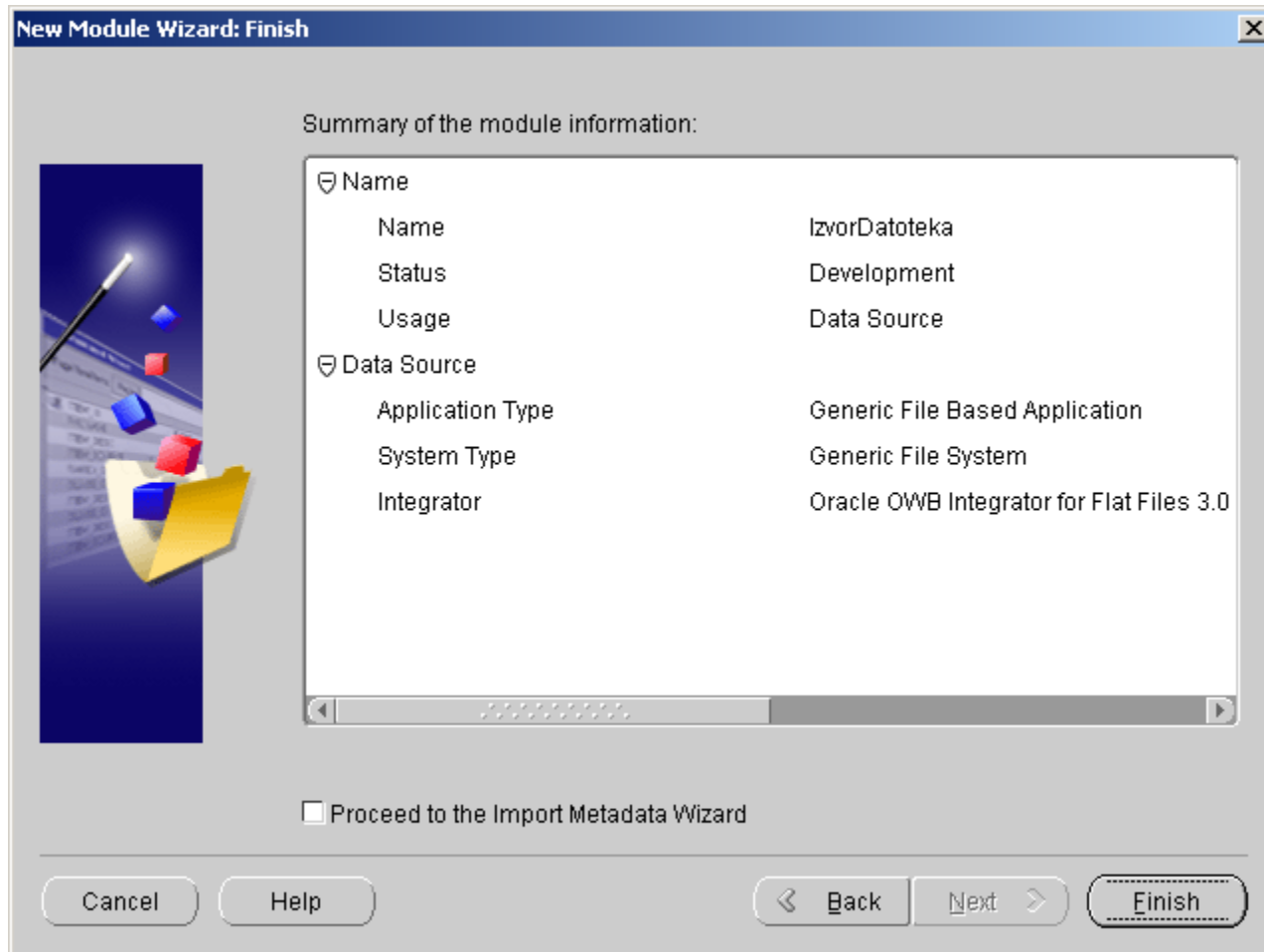
Kreiranje modula – izvor tekstualna datoteka

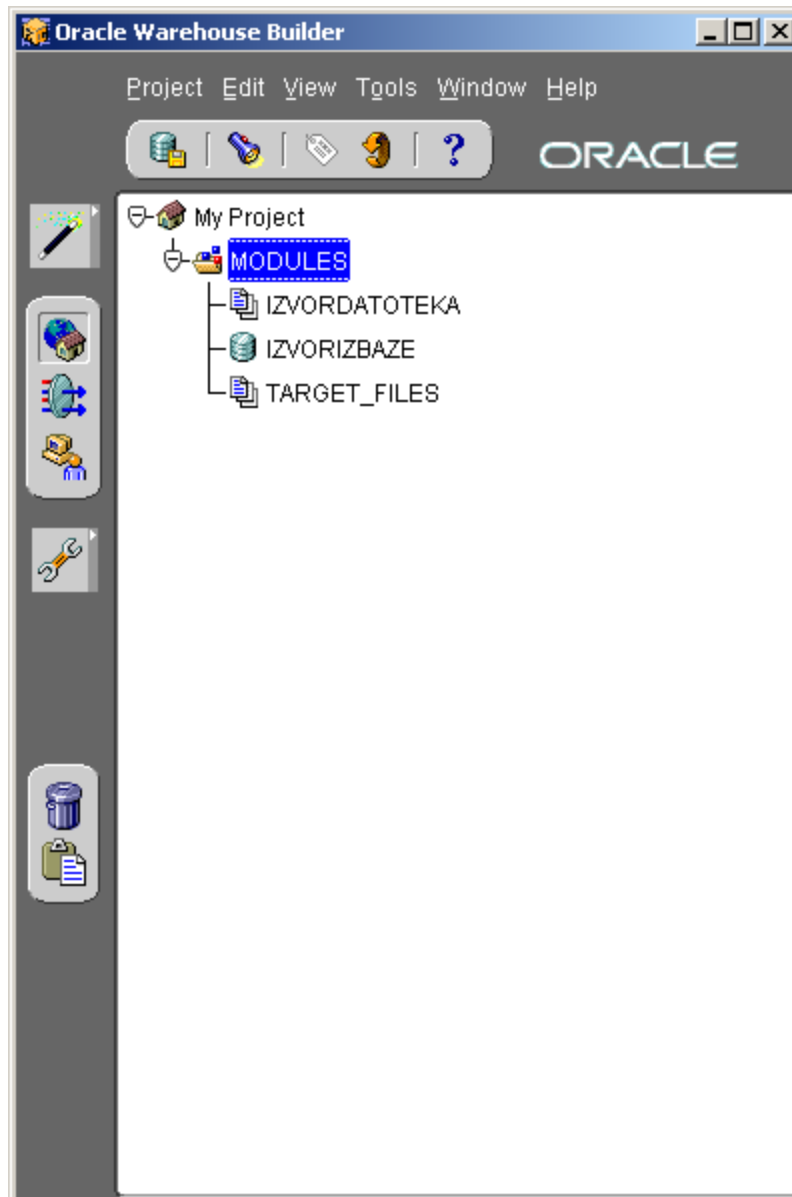


Kreiranje modula – izvor tekstualna datoteka

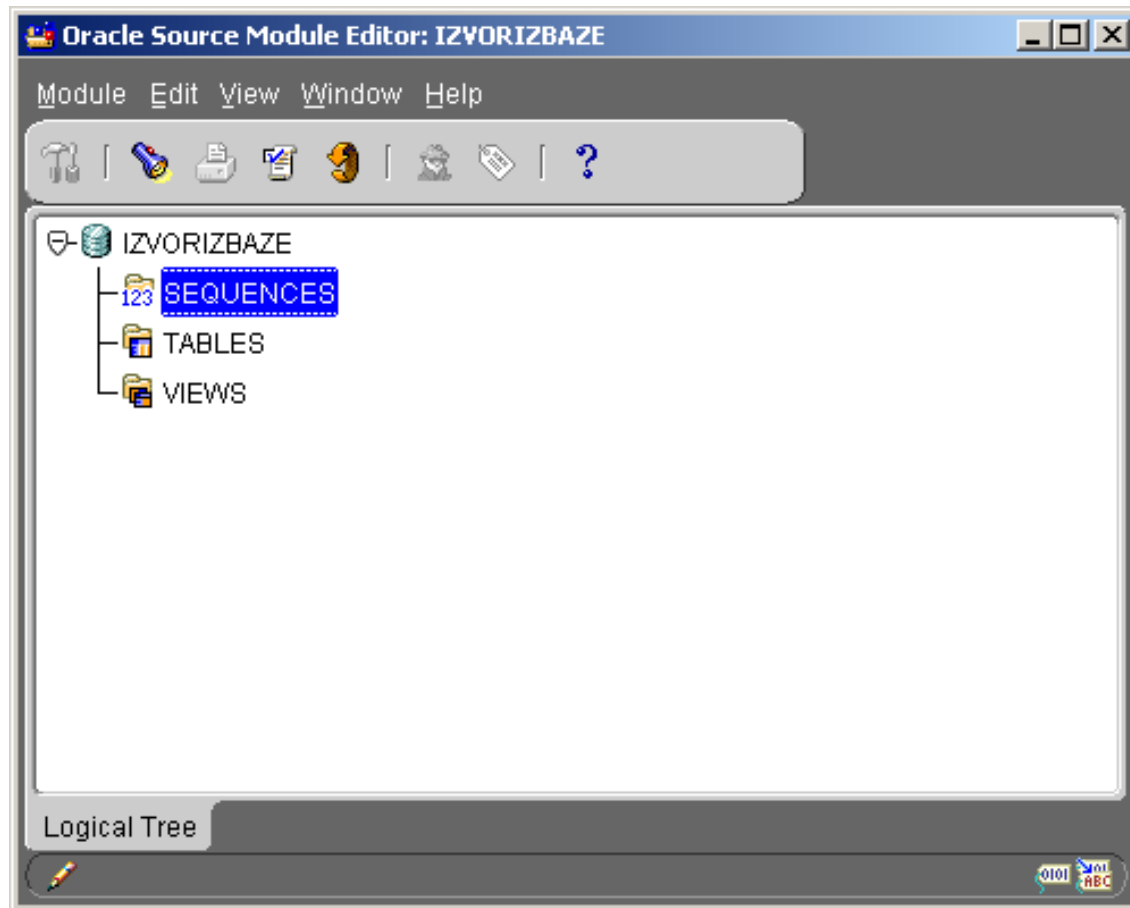


Kreiranje modula – izvor tekstualna datoteka

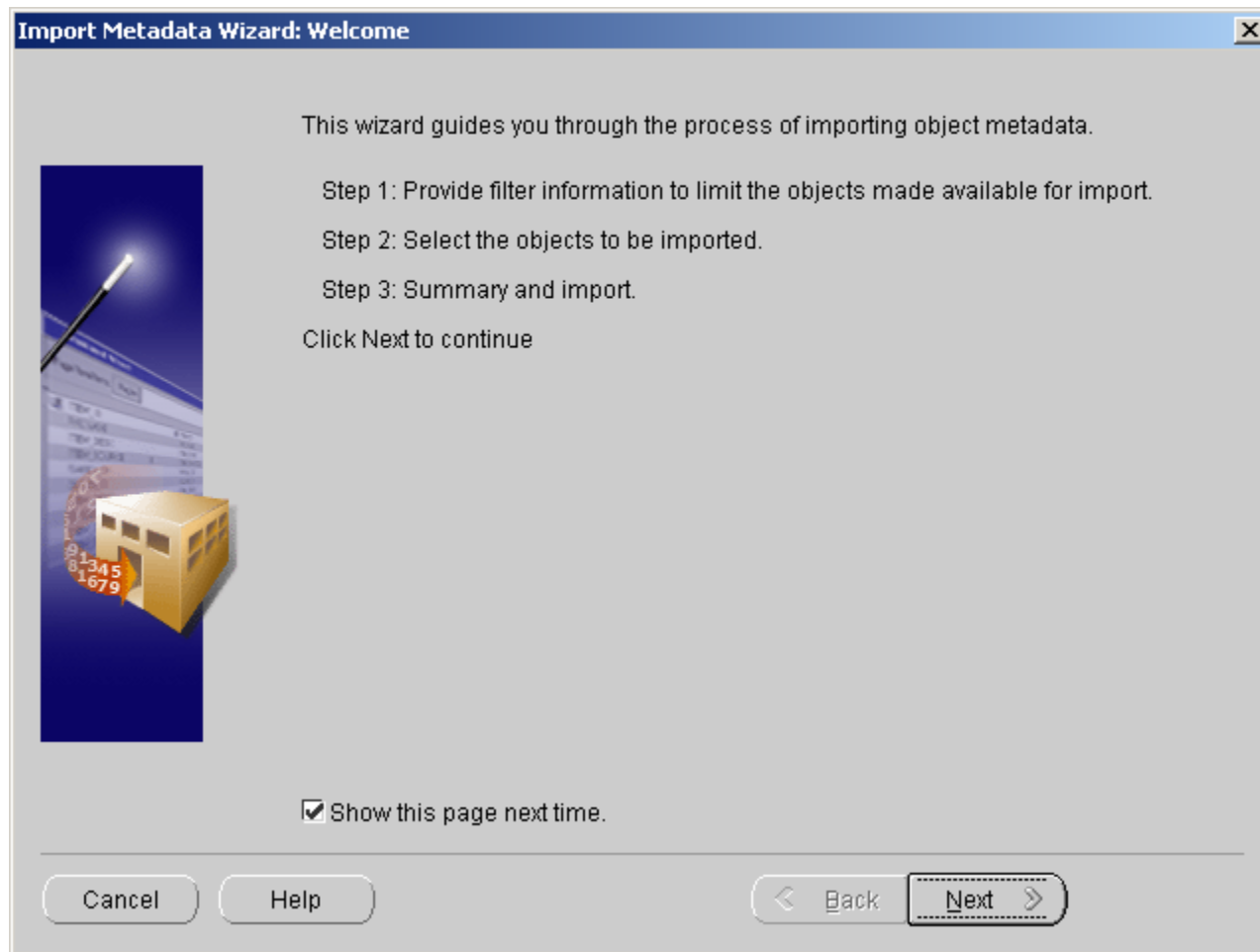




Uvoz- import metapodataka iz baze podataka



Uvoz- import metapodataka iz baze podataka



Uvoz- import metapodataka iz baze podataka

Import Metadata Wizard: Filter Information

Use this page to filter the objects you want to import.

Select the types of objects you want to import:

Object Type

Table View

Sequence

Use a synonym to look up objects

Use the name field to make wild card selections. Use (%) for zero or more matching or (_) to find one matching character. Note that pattern search is case sensitive.

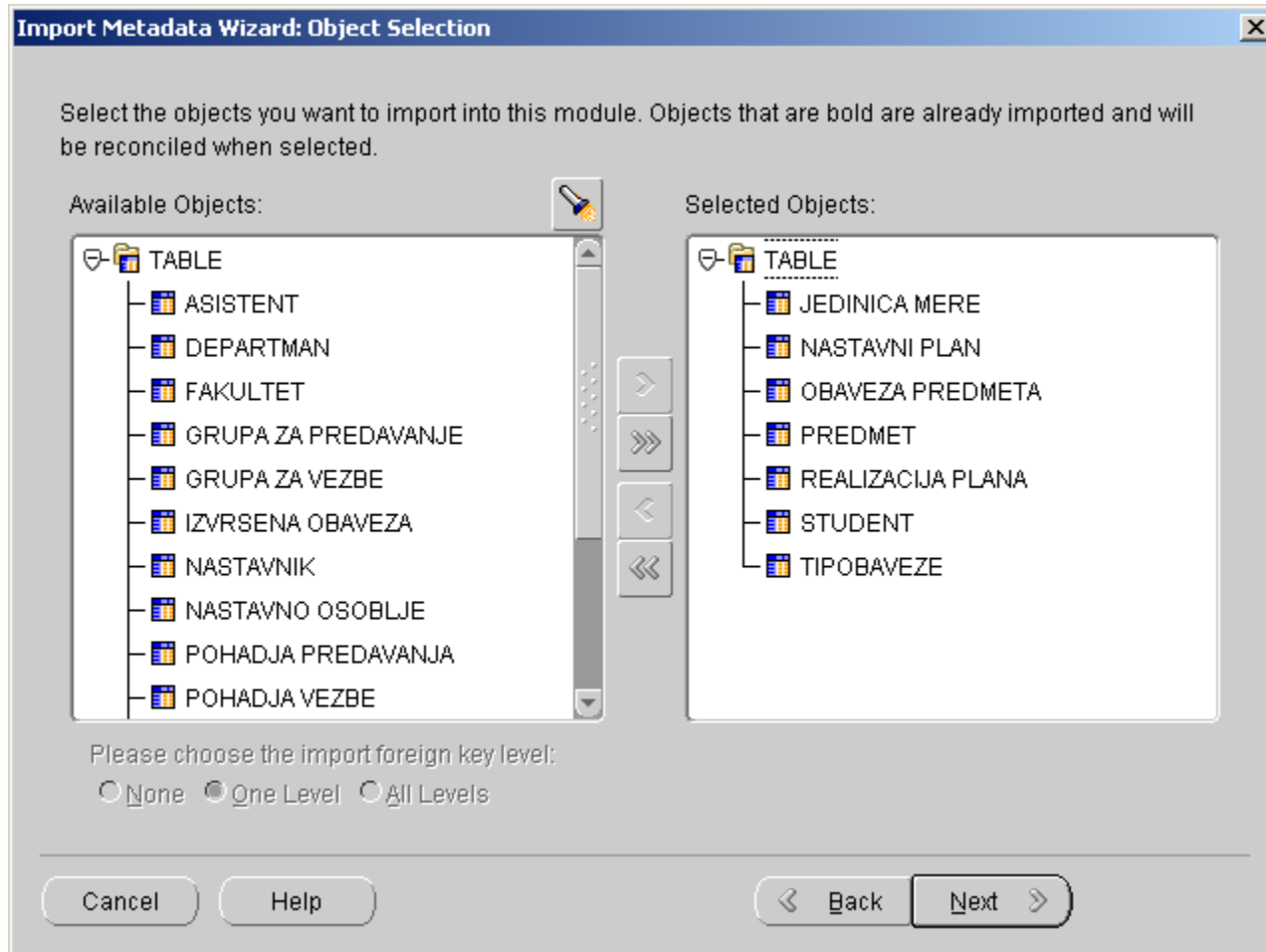
Only select objects that match the pattern

Number of records to retrieve:

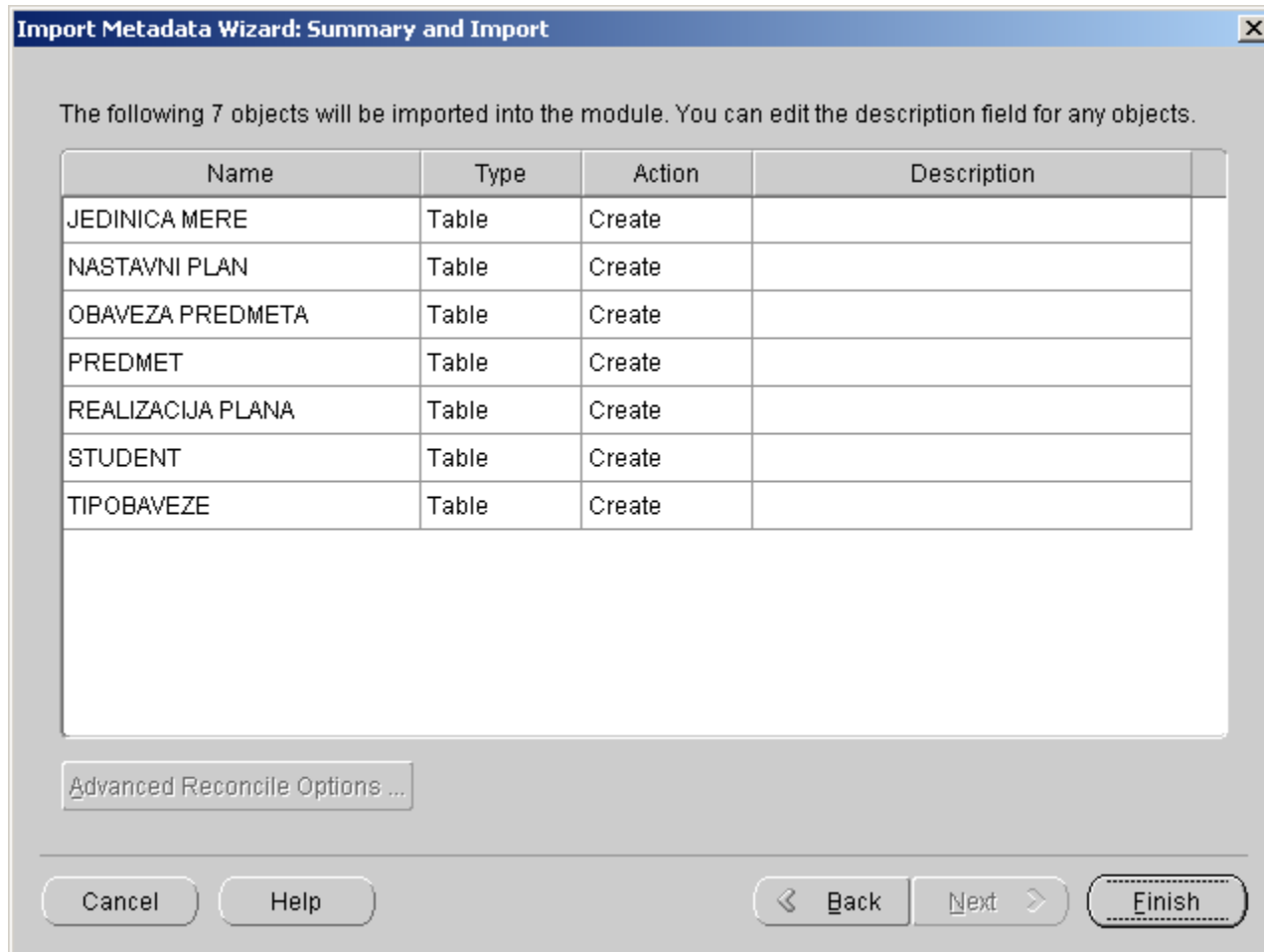
Maximum number of objects to display for each type:

Cancel Help < Back Next >

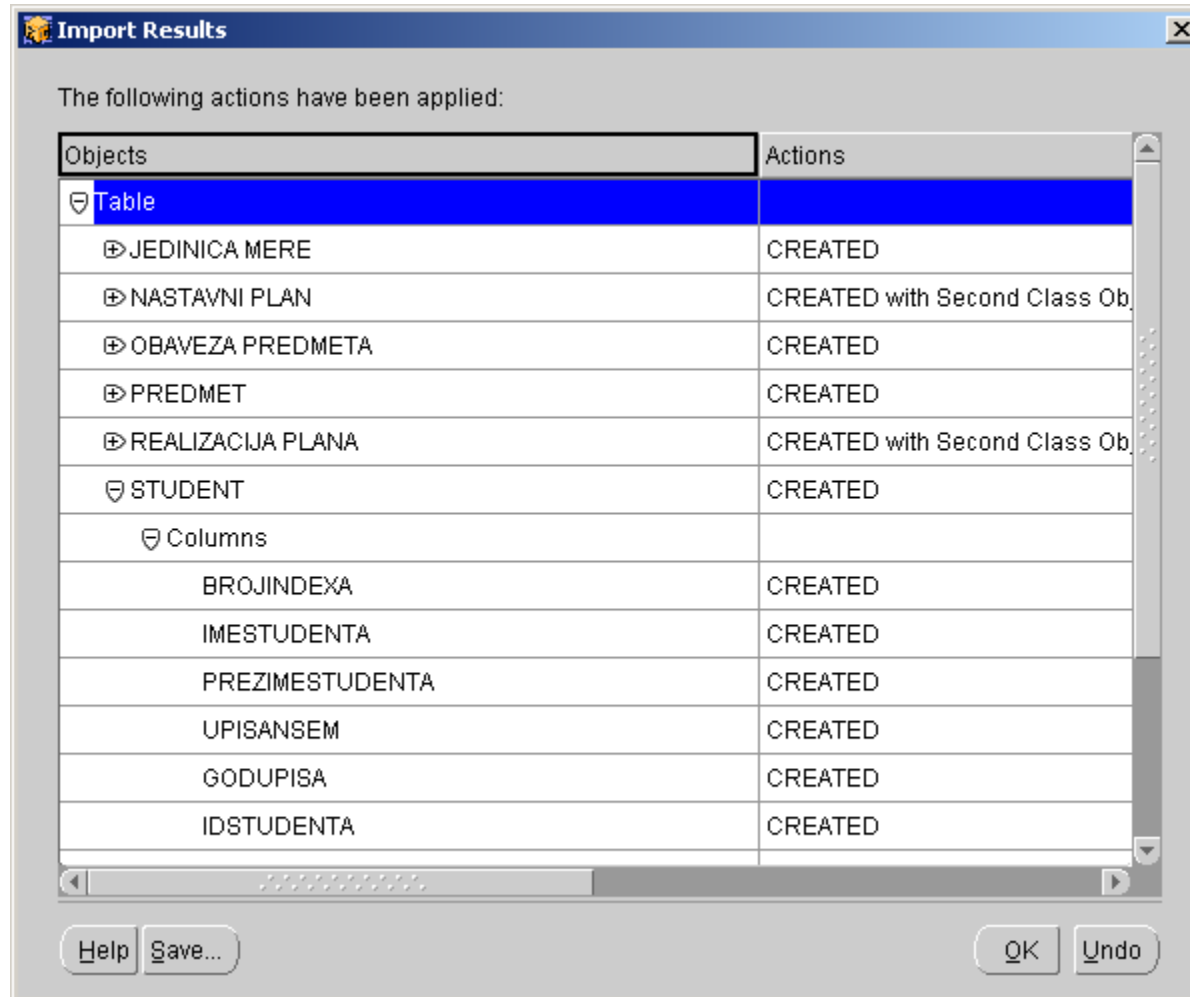
Uvoz- import metapodataka iz baze podataka



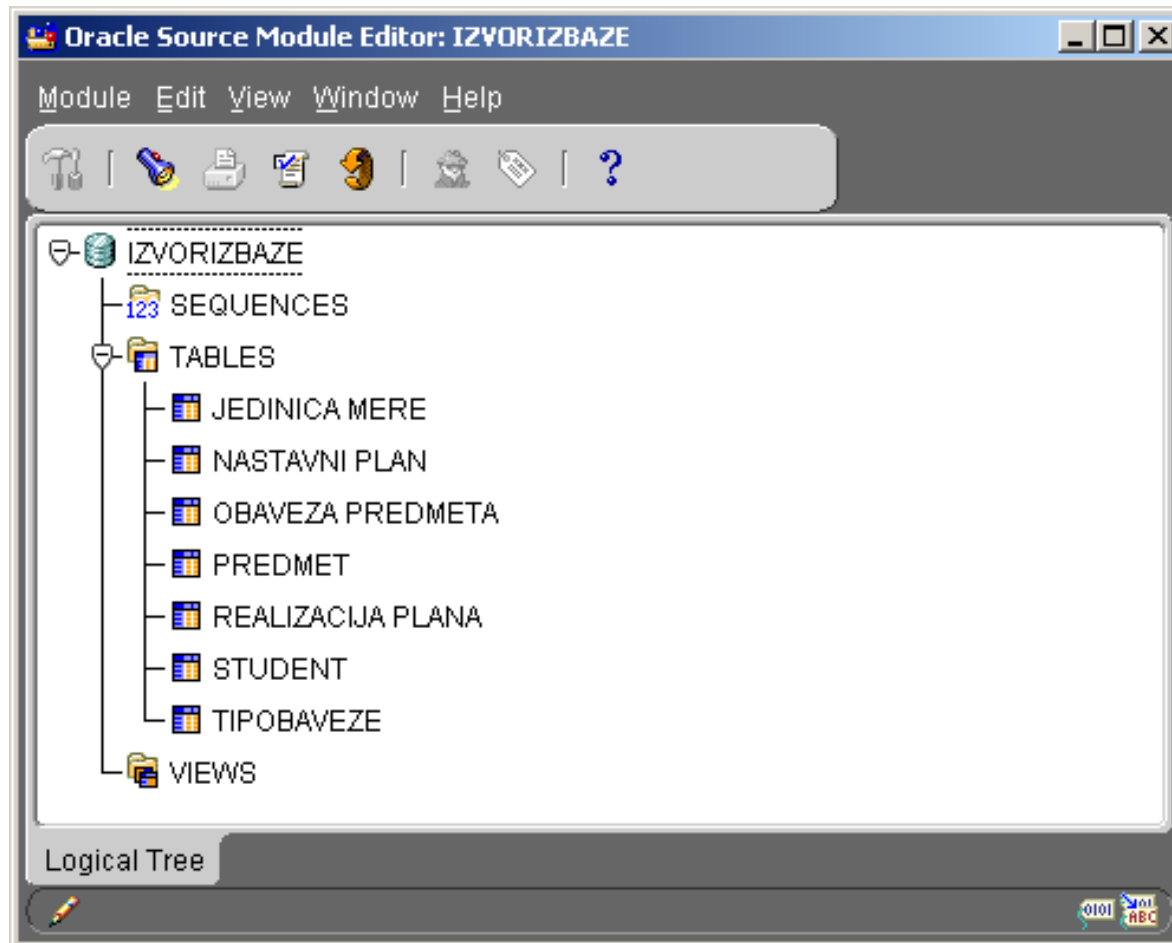
Uvoz- import metapodataka iz baze podataka



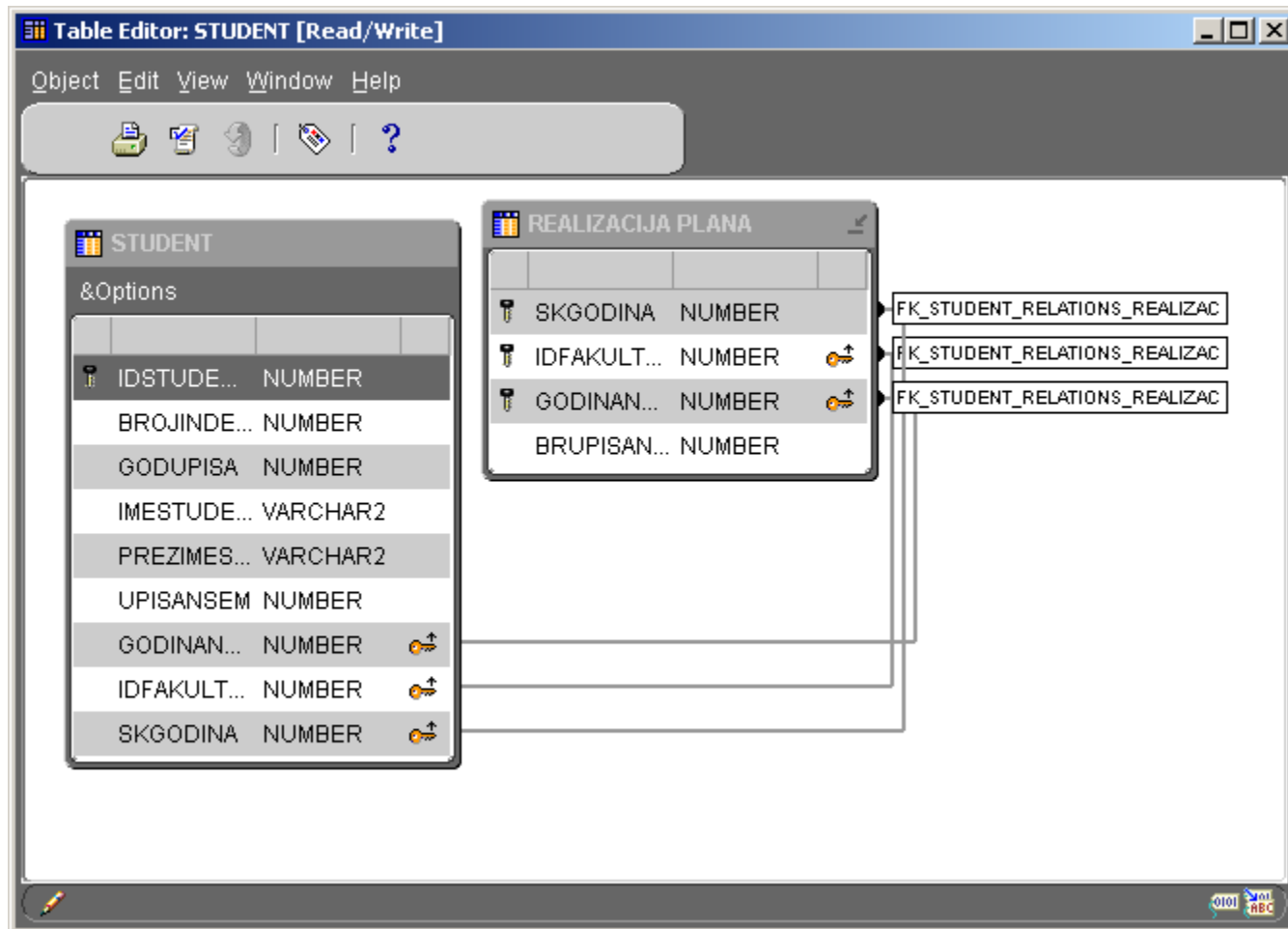
Uvoz- import metapodataka iz baze podataka



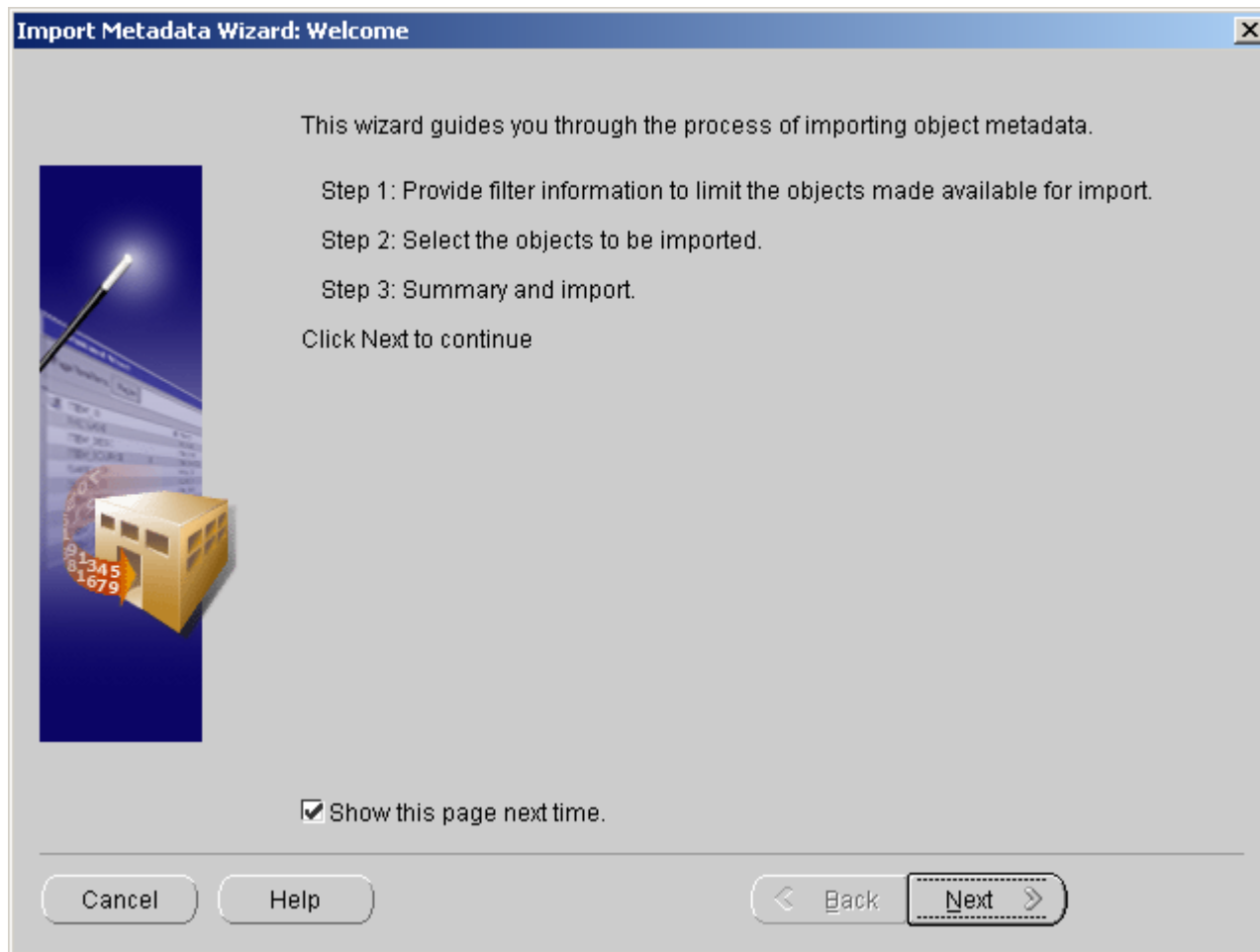
Uvoz- import metapodataka iz baze podataka



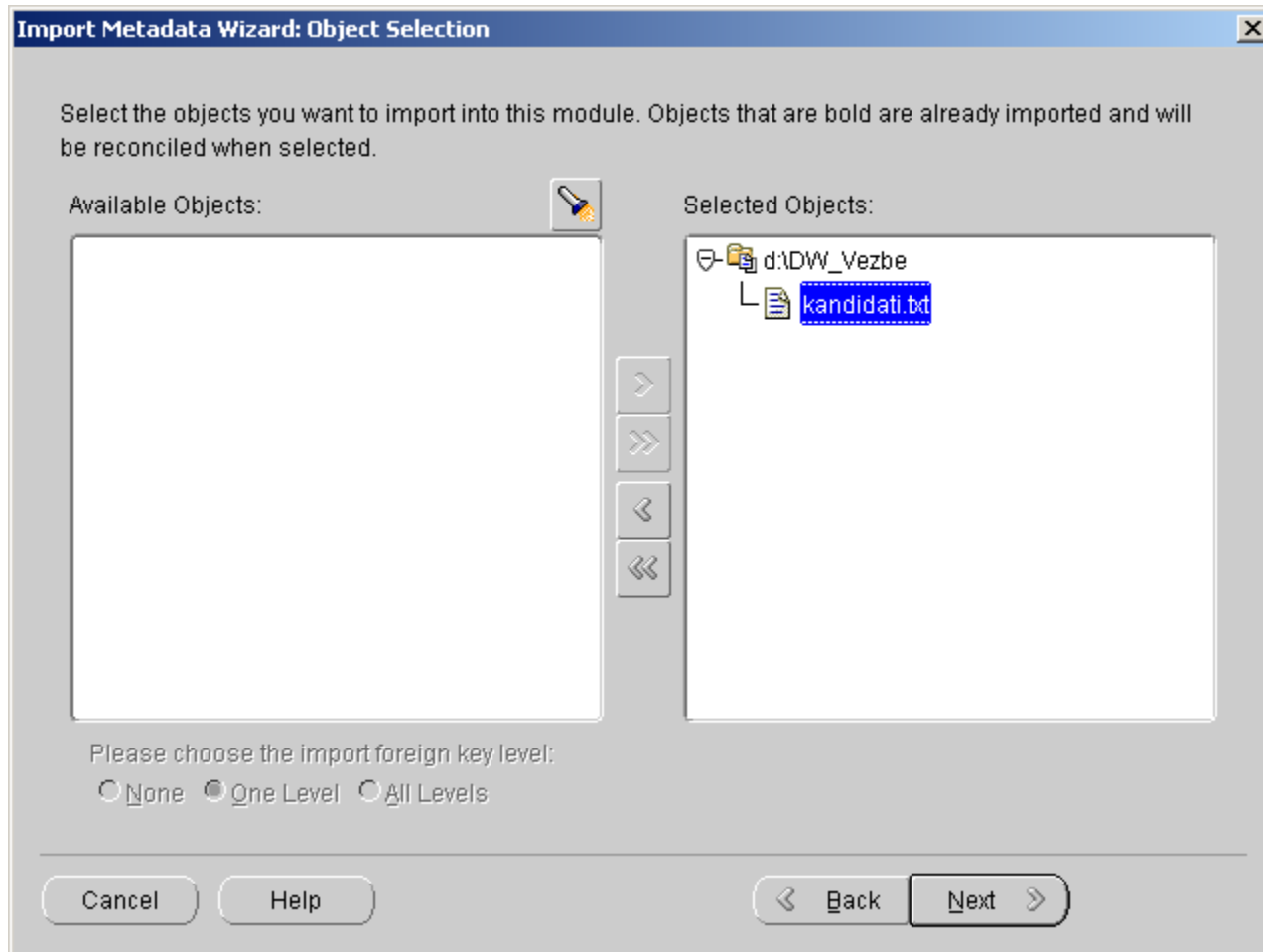
Uvoz- import metapodataka iz baze podataka



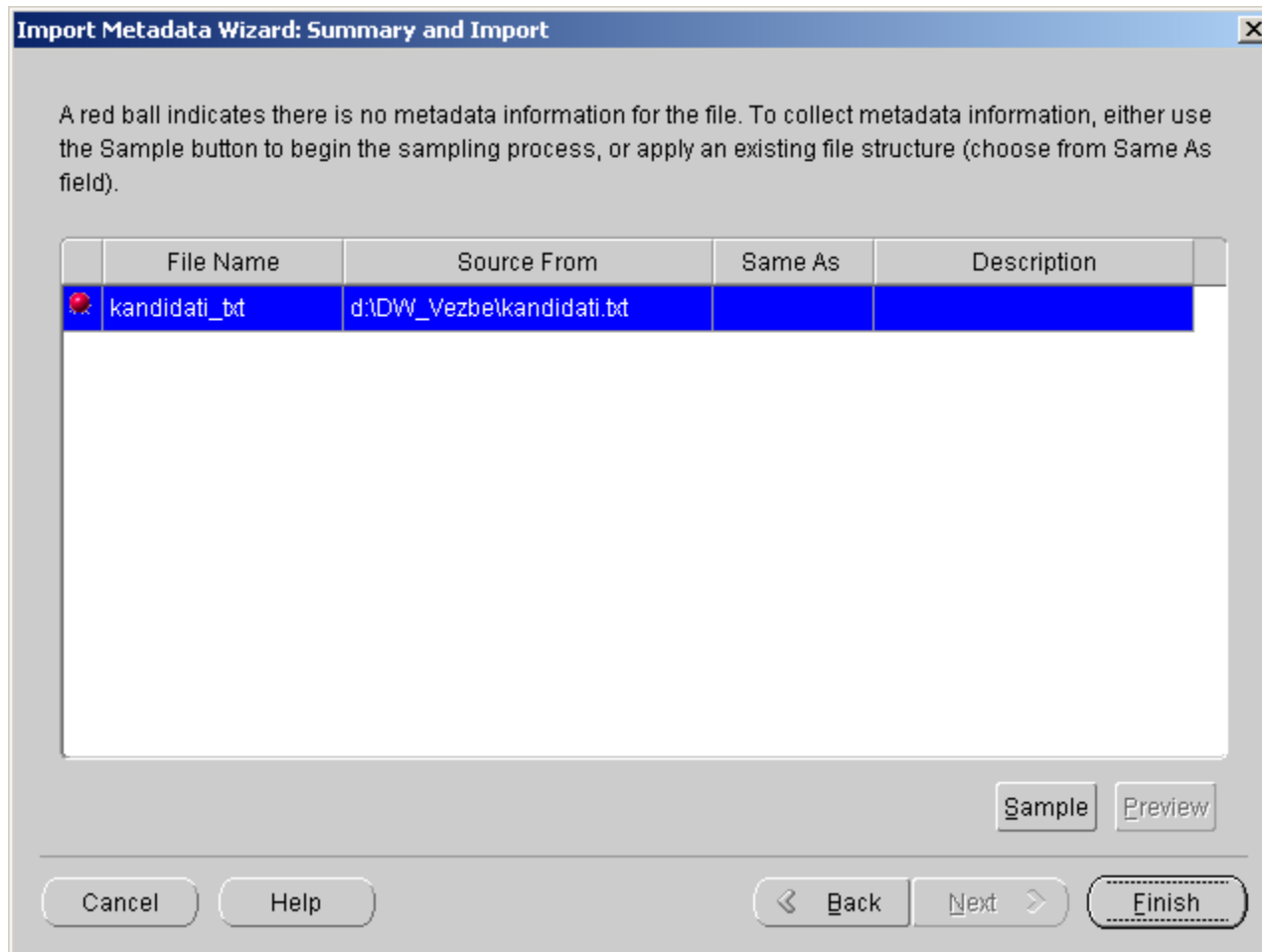
Uvoz- import metapodataka iz datoteke



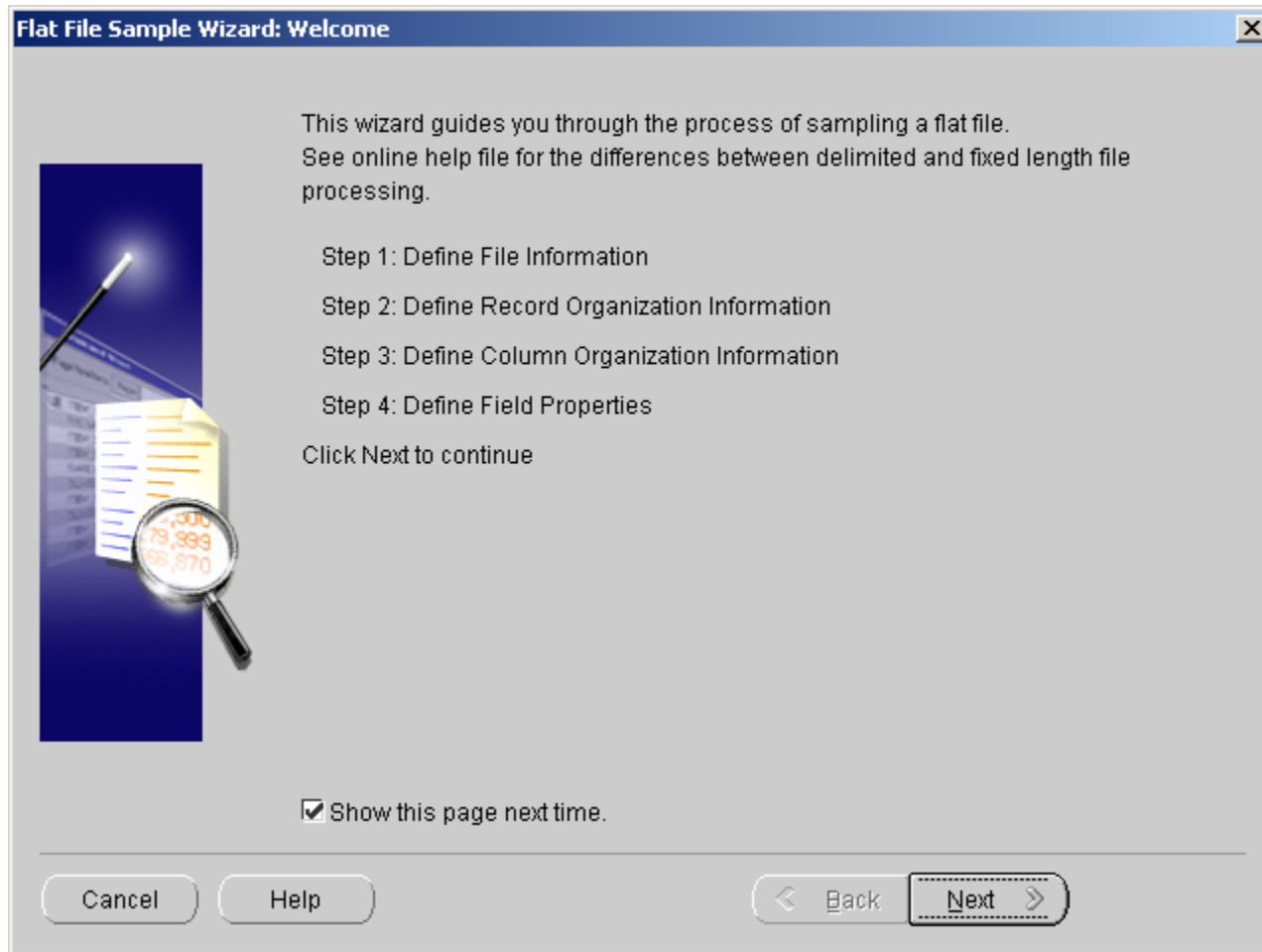
Uvoz- import metapodataka iz datoteke



Uvoz- import metapodataka iz datoteke



Uvoz- import metapodataka iz datoteke



Uvoz- import metapodataka iz datoteke

Flat File Sample Wizard: Setup

Select File Format:

Delimited or Variable length. The fields are separated by delimiters.

Fixed Length. The fields are of specific lengths.

Specify a delimiter separation character and enclosure characters.

Field Delimiter: Space

Enclosures: Left: " Right: "

File name: kandidati_bt

Character set: WE8MSWIN1252

File: d:\DW_Vezbelkandidati.txt

C1	C2	C3	C4
BrIndexa	Ime	Prezime	SrOcena
300	Petar	Peic	5.00
301	Ilija	Savic	4.60
100	Jovan	Ilic	4.20
302	Milan	Milic	4.50

Cancel Help Back Next

Uvoz- import metapodataka iz datoteke

Flat File Sample Wizard: Record Organization

File contains:

Single record type

Multiple record types

Enable logical record support

Specify how to sample this file:

Number of rows:

Skip rows:

Logical Records consist of several Physical Records. Specify one of the following:

Number of physical records per logical record:

End character of the current physical record:

Start character of the next physical record:

File: d:\DW_Vezbe\kandidati.bt

C1	C2	C3	C4
BrIndexa	Ime	Prezime	SrOcena
300	Petar	Peic	5.00
301	Ilija	Savic	4.60
100	Jovan	Ilic	4.20
...

Cancel Help < Back Next >

Uvoz- import metapodataka iz datoteke

Flat File Sample Wizard: Properties

Field types and lengths are determined by sample data. Specify field names and adjust data characteristics.

Name	Type	Mask	NULLIF	DEFAULTIF	Length
BrInd...	CHAR				8
Ime	CHAR				6
Prezi...	CHAR				9
SrOc...	CHAR				7

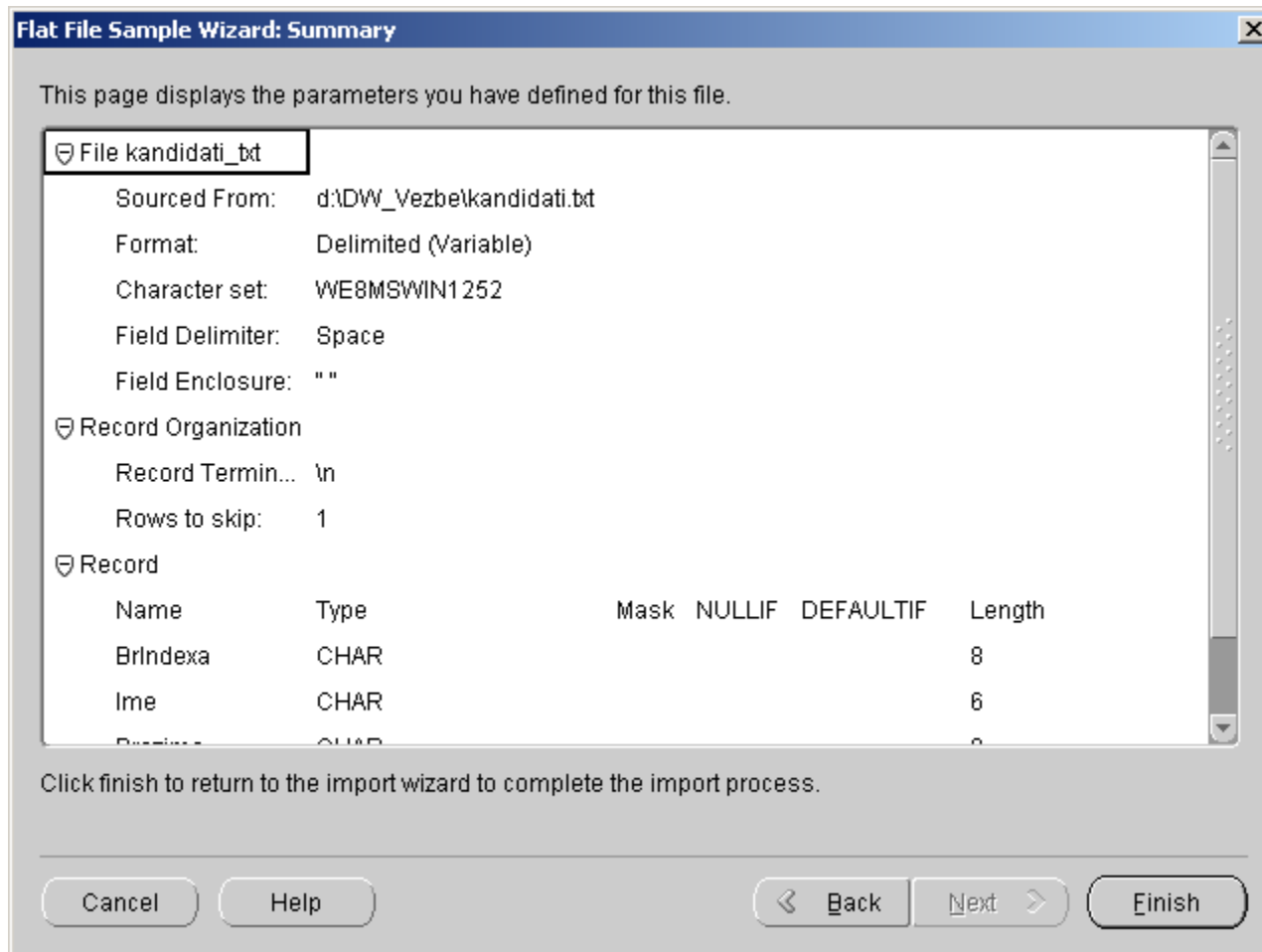
File: d:\DW_Vezbelkandidati.bt

Use the first record as the field names

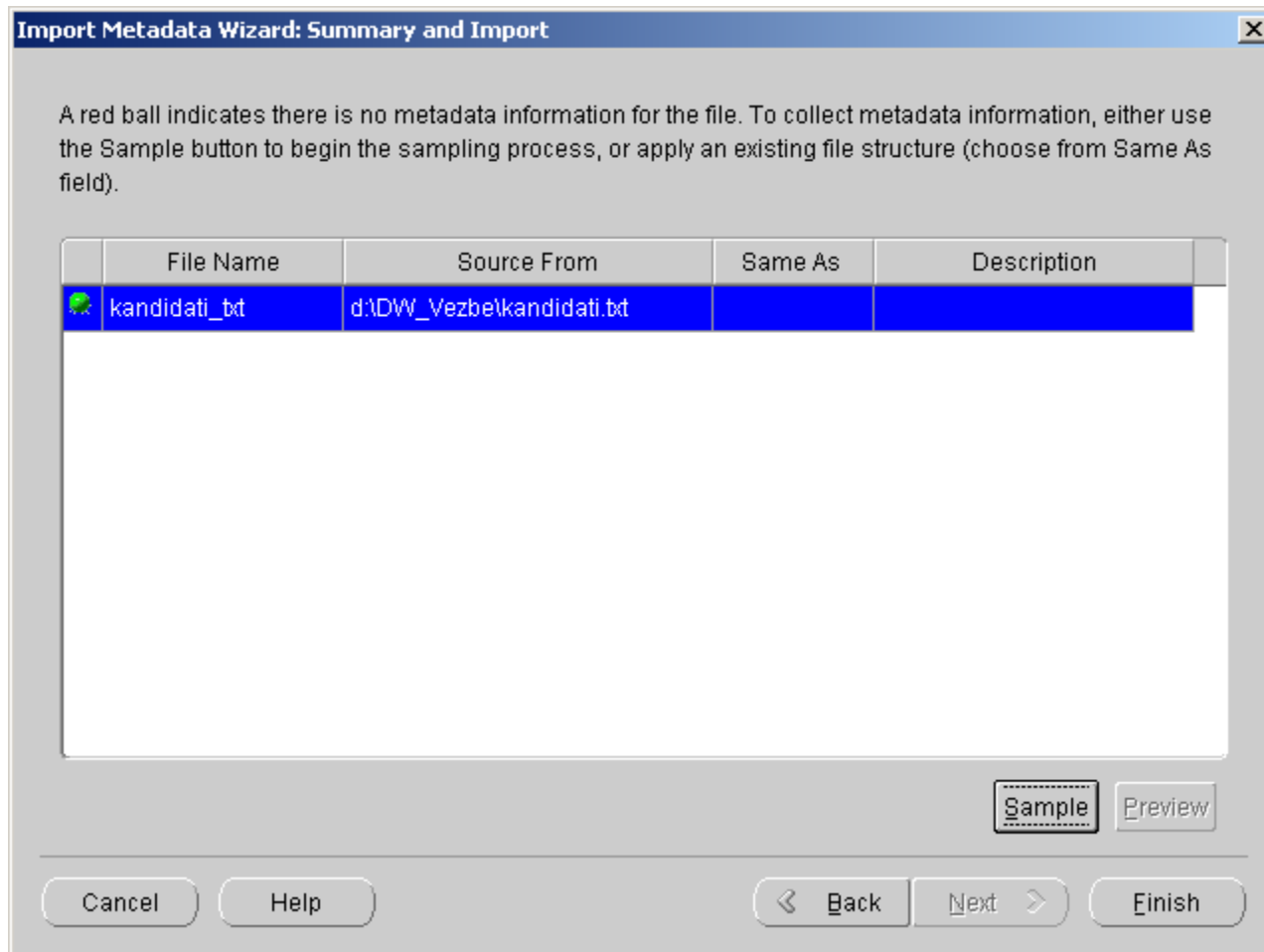
BrIndexa	Ime	Prezime	SrOcena
300	Petar	Peic	5.00
301	Ilija	Savic	4.60
100	Jovan	Ilic	4.20
302	Milan	Milic	4.50
303	Iva	Ivic	5.00

Cancel Help < Back Next >

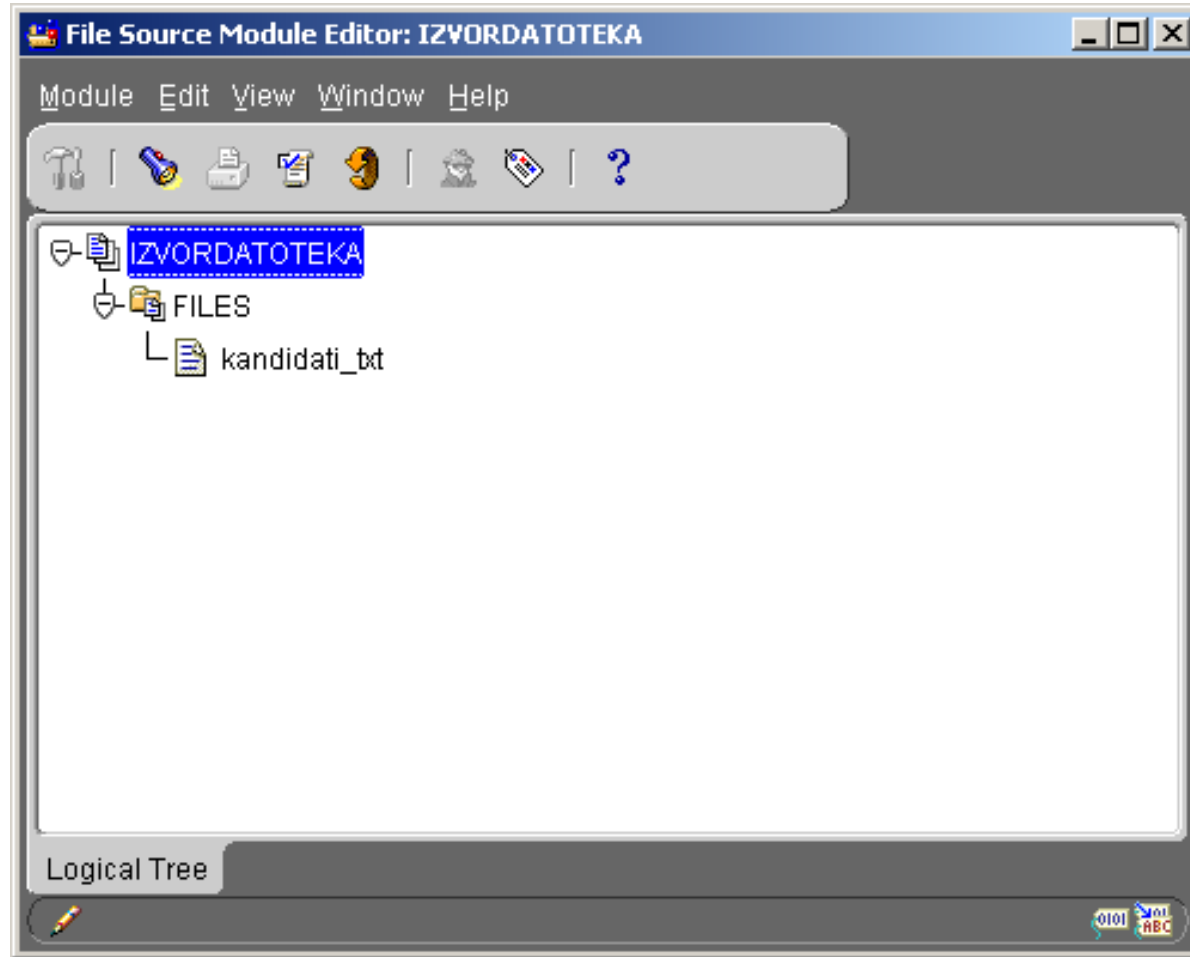
Uvoz- import metapodataka iz datoteke



Uvoz- import metapodataka iz datoteke



Uvoz- import metapodataka iz datoteke



Kreiranje odredišnog modula

New Module Wizard: Name

Type a name for this module:
OdredisteWHouse

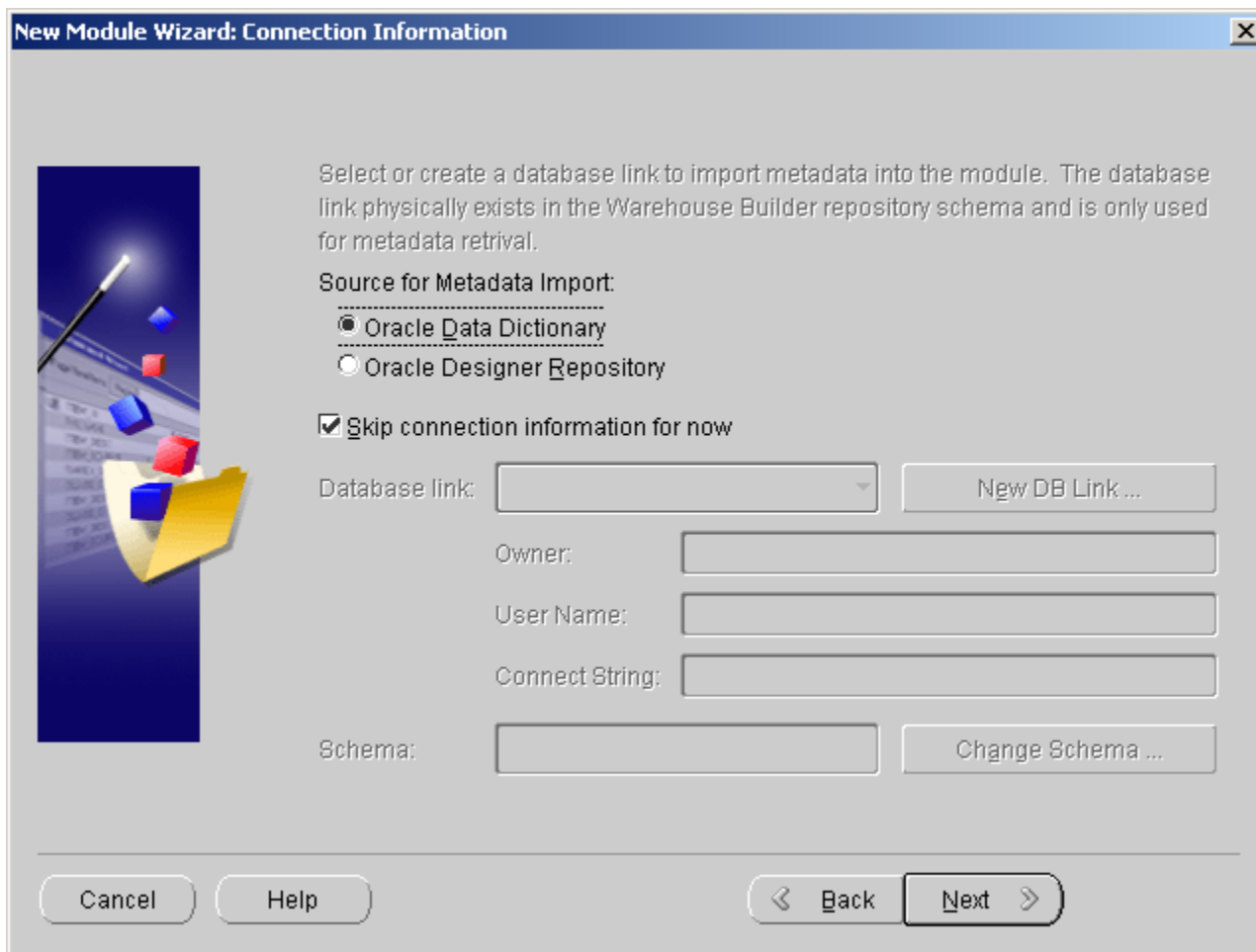
Select the module status:
Production

Identify the module type:
 Data Source
 Warehouse Target

Type in an optional description:
Modul za datawarehouse

Cancel Help < Back Next >

Kreiranje odredišnog modula



New Module Wizard: Connection Information

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

Skip connection information for now

Database link:

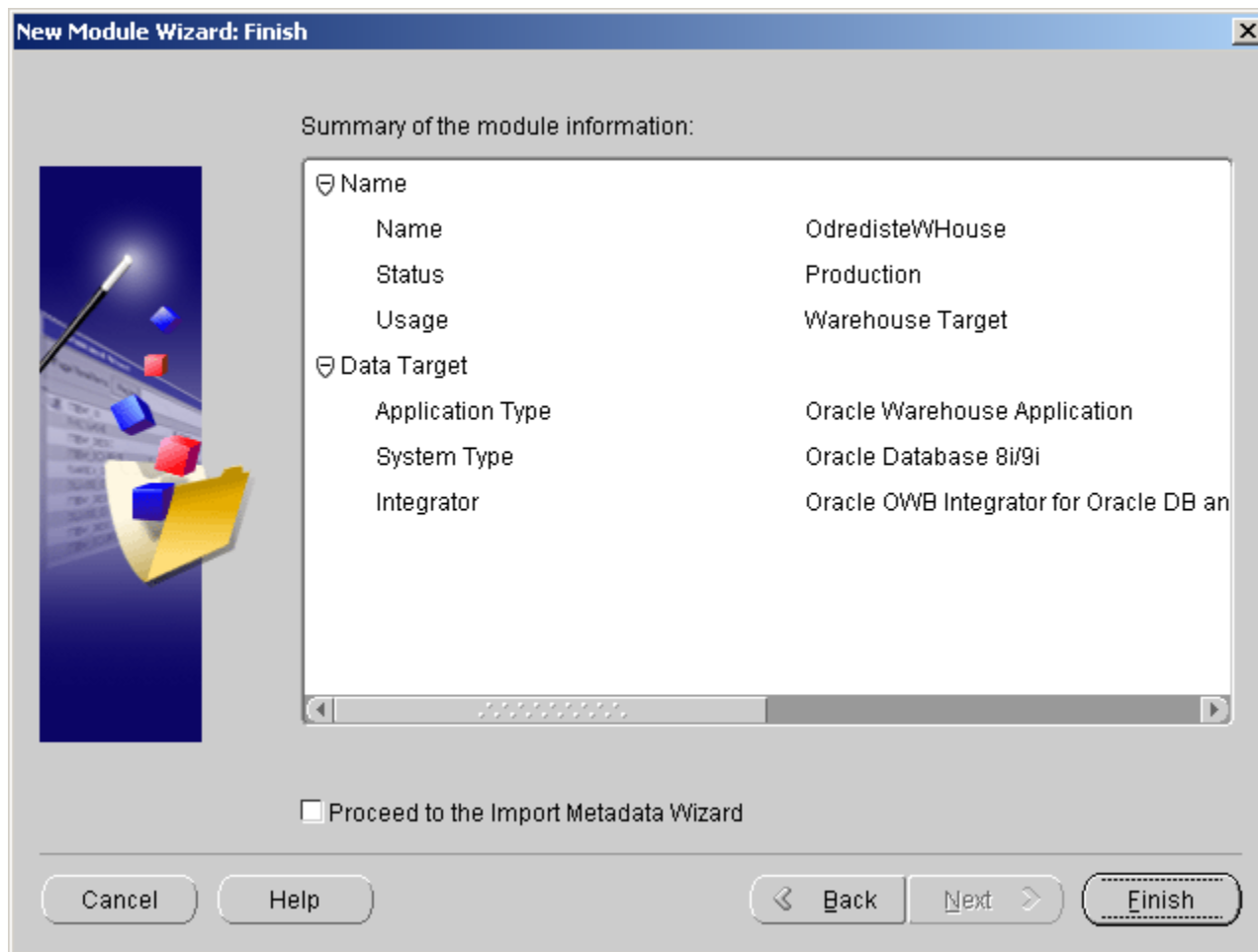
Owner:

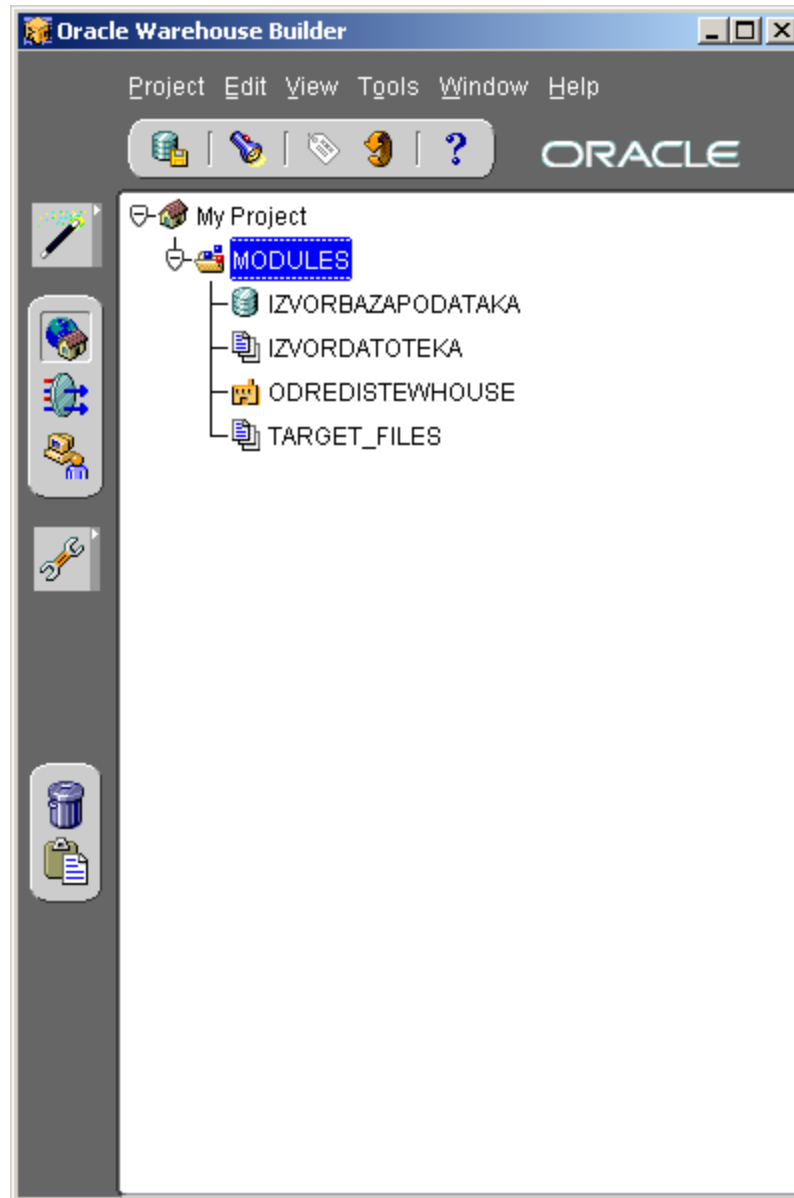
User Name:

Connect String:

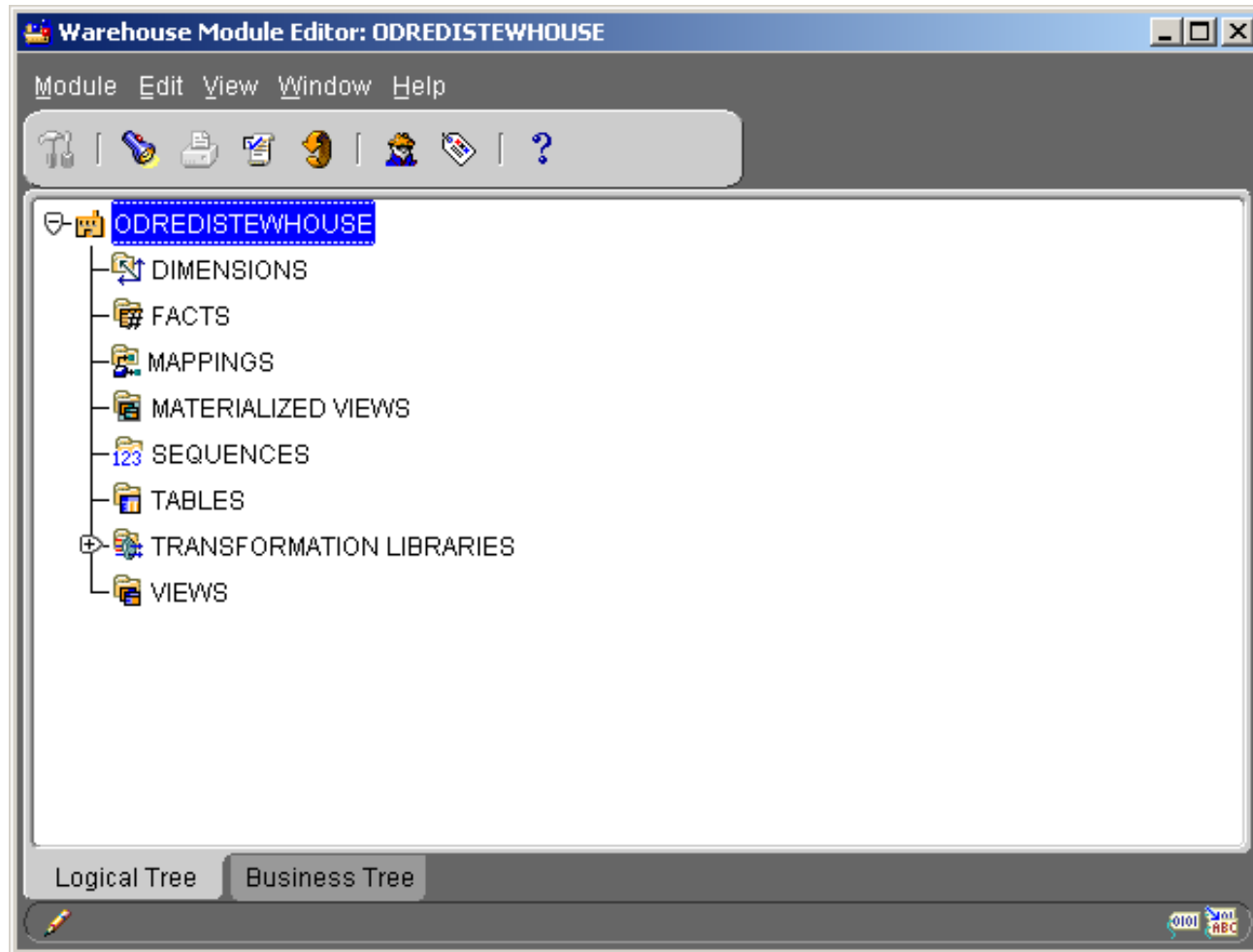
Schema:

Kreiranje odredišnog modula

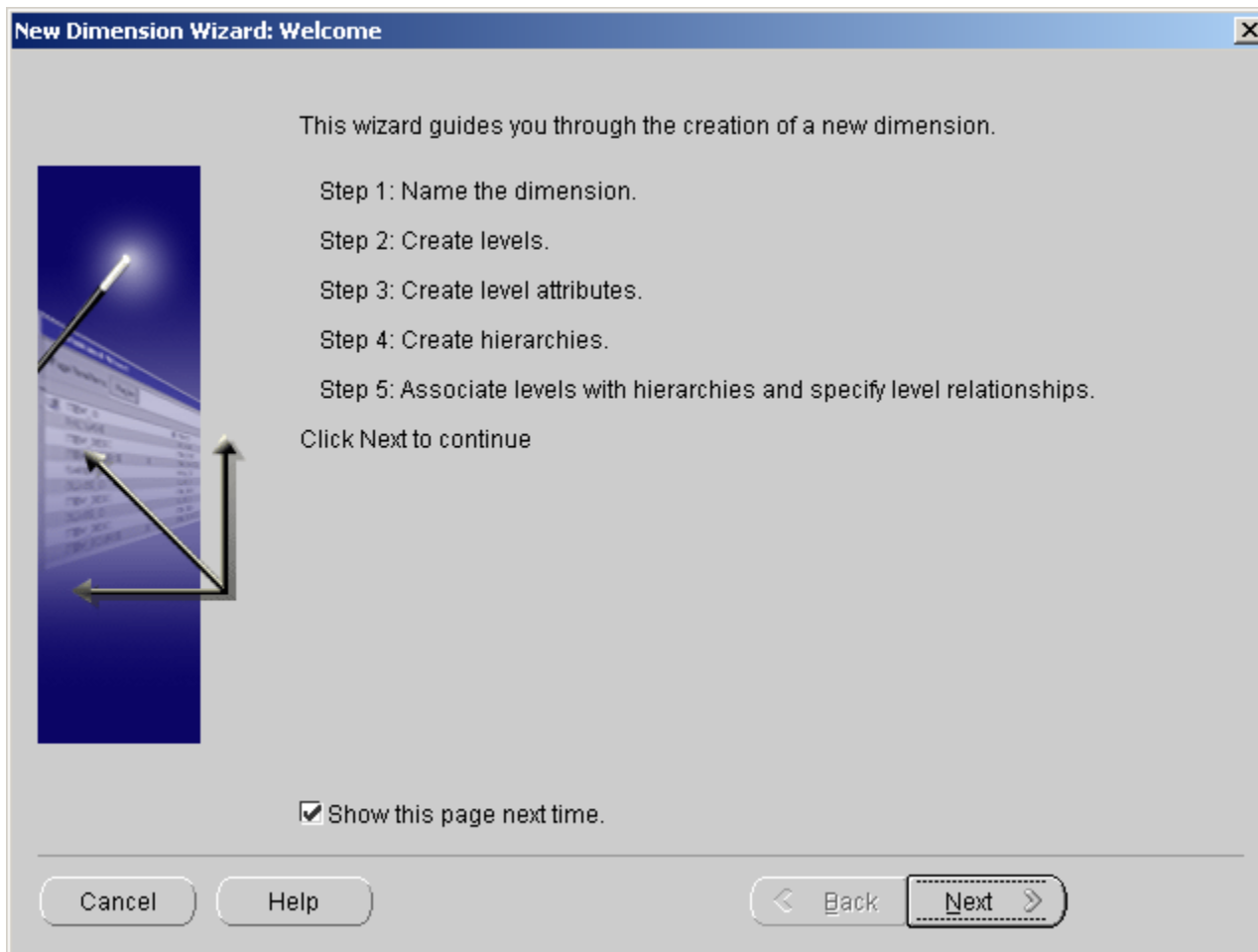




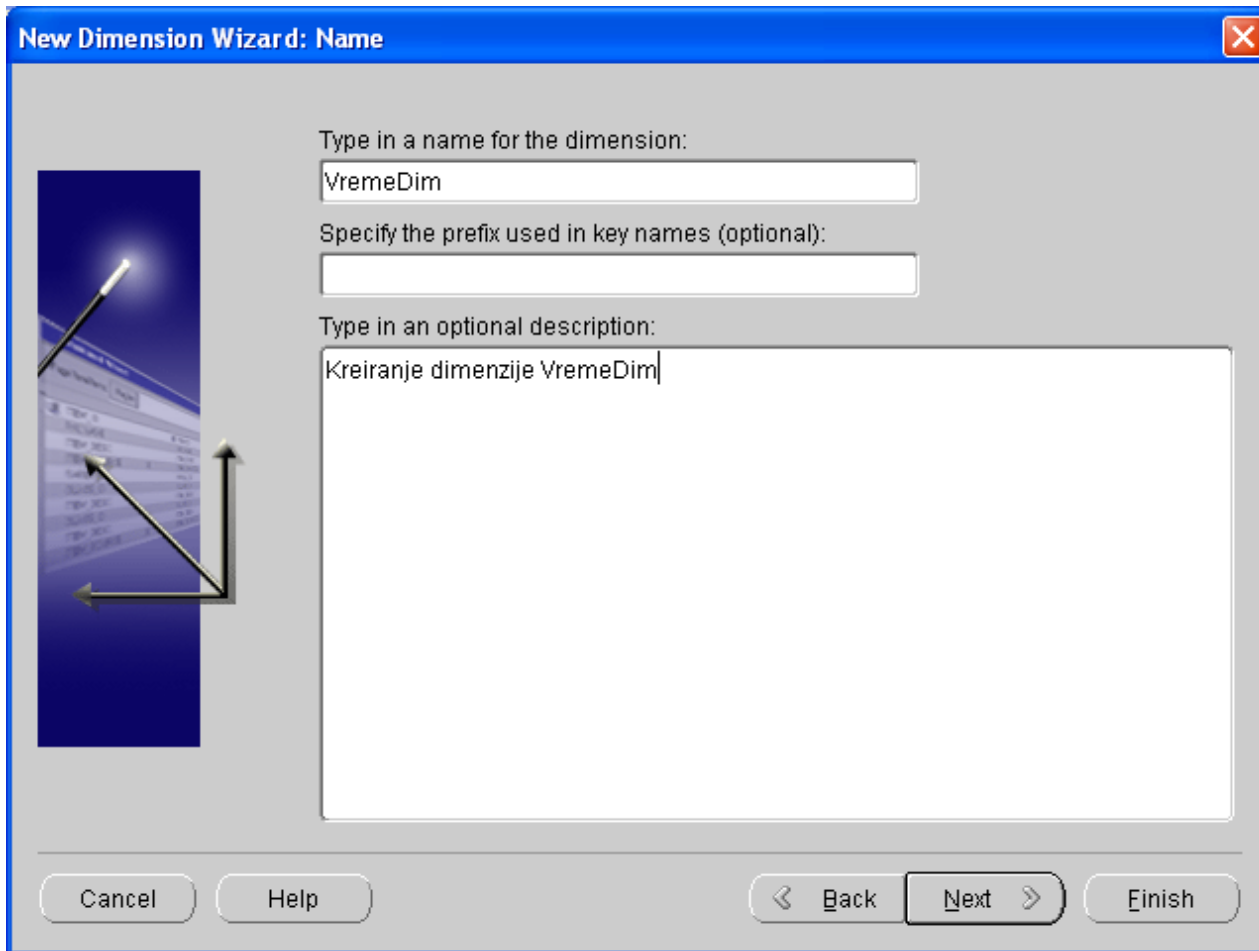
Prikaz stabla odredišnog modula



Kreiranje dimenzija



Kreiranje dimenzija



New Dimension Wizard: Name

Type in a name for the dimension:
VremeDim

Specify the prefix used in key names (optional):

Type in an optional description:
Kreiranje dimenzije VremeDim

Cancel Help < Back Next > Finish

Kreiranje dimenzija

New Dimension Wizard: Levels

Fill in the fields and click Add to create a new level.

Define Level

Name:

Prefix:

Description:

Levels:

VremeLevel

Add Update Remove

Cancel Help Back Next Finish

Kreiranje dimenzija

New Dimension Wizard: Level Attributes

Pick level, click Add to create level attributes.

Level: VremeLevel

Define Level Attribute

Name:

Data Type: NUMBER Length: 0

Precision: 0 Scale: 0

Description:

Level Attributes

- VreID
- VreSkGod
- VreSemestar
- VrePolusemestar**

Add Update Remove

Cancel Help Back Next Finish

Kreiranje dimenzija

New Dimension Wizard: Hierarchies

Fill fields, click Add creates a new hierarchy.

Define Hierarchy

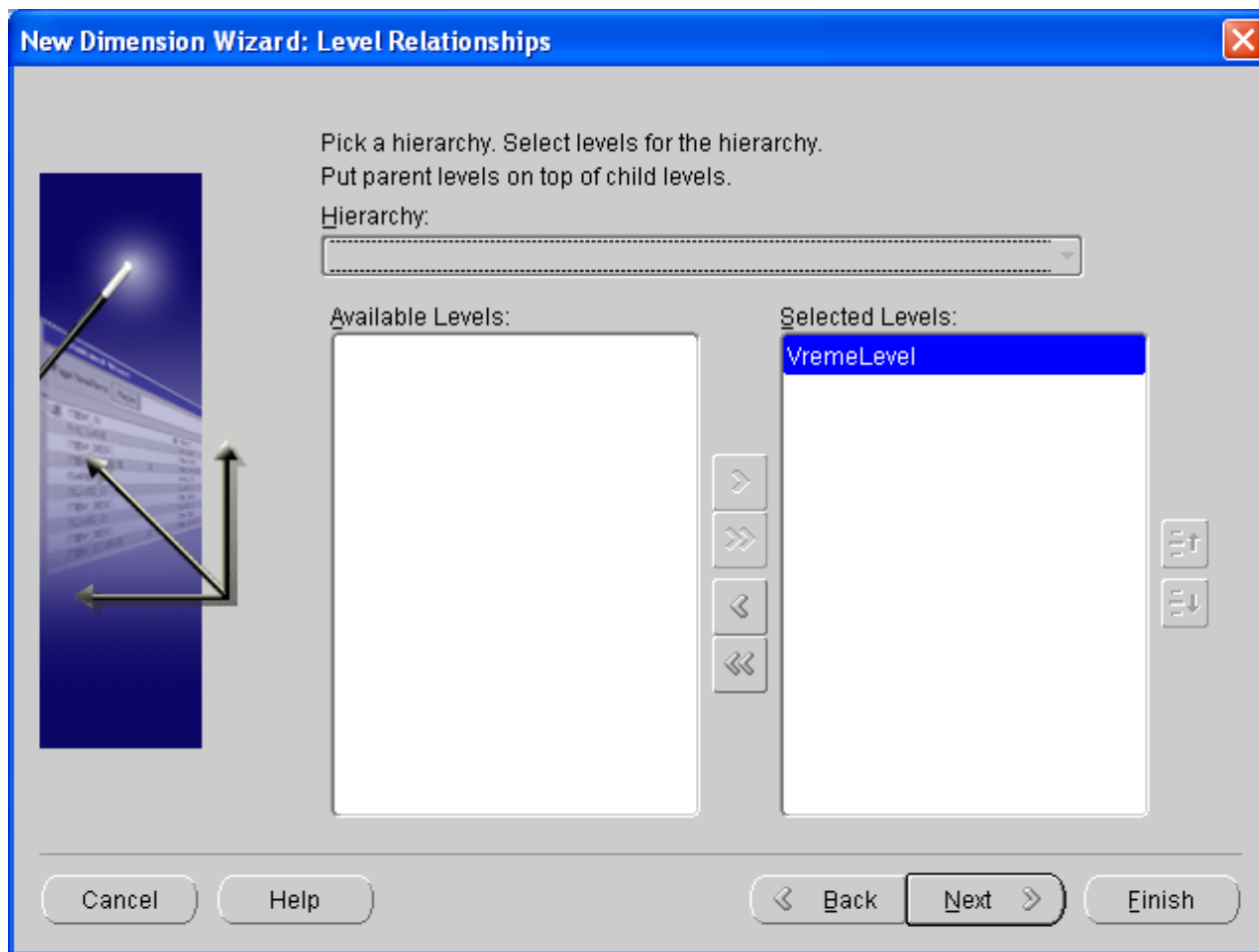
Name:

Prefix:

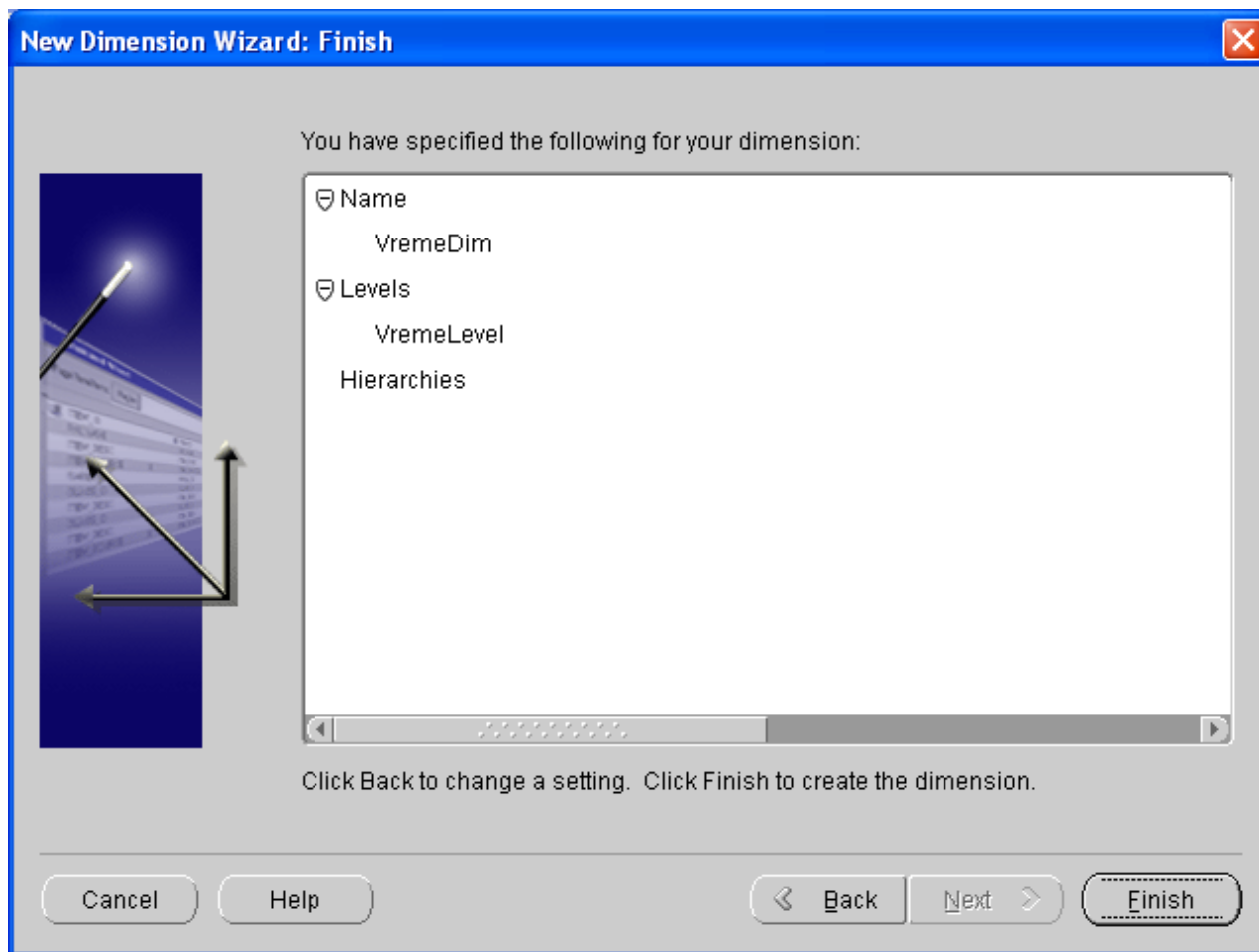
Description:

Hierarchies:

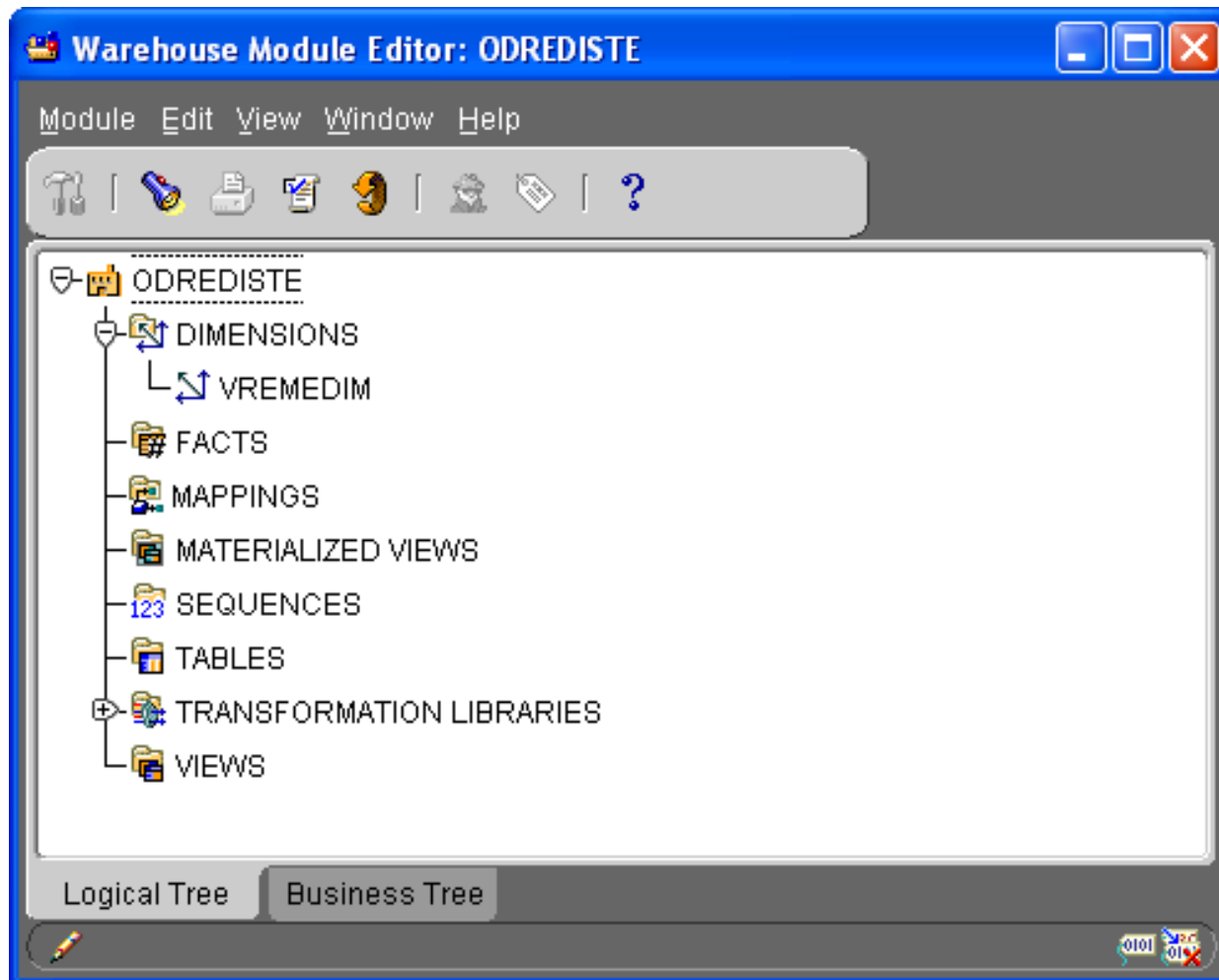
Kreiranje dimenzija



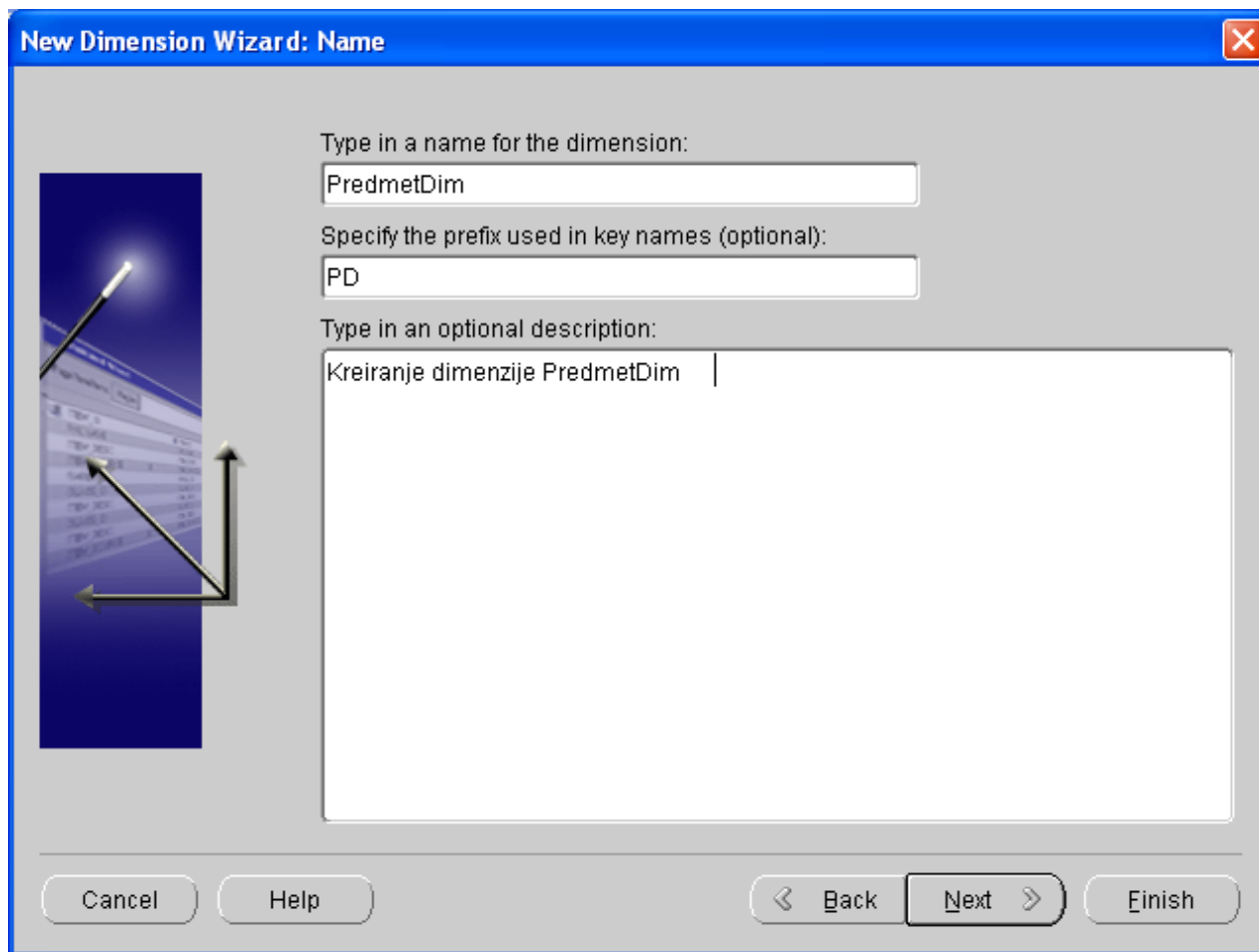
Kreiranje dimenzija



Kreiranje dimenzija



Kreiranje dimenzija



New Dimension Wizard: Name

Type in a name for the dimension:
PredmetDim

Specify the prefix used in key names (optional):
PD

Type in an optional description:
Kreiranje dimenzije PredmetDim

Cancel Help < Back Next > Finish

Kreiranje dimenzija

New Dimension Wizard: Levels

Fill in the fields and click Add to create a new level.

Define Level

Name:
PredmetLevel

Prefix:
PL

Description

Levels:
StudProgramLevel
PredmetLevel

Add Update Remove

Cancel Help Back Next Finish

Kreiranje dimenzija

New Dimension Wizard: Level Attributes

Pick level, click Add to create level attributes.

Level: StudProgramLevel

Define Level Attribute

Name:

Data Type: NUMBER Length: 0

Precision: 0 Scale: 0

Description:

Level Attributes

- SPid
- SPGodStudPrograma
- SPSkGodPred**

Add Update Remove

Cancel Help Back Next Finish

Kreiranje dimenzija

New Dimension Wizard: Level Attributes

Pick level, click Add to create level attributes.

Level: PredmetLevel

Define Level Attribute

Name:

Data Type: NUMBER Length: 0

Precision: 0 Scale: 0

Description:

Level Attributes

- PredID
- PredSPid
- PredNazivPredmeta
- PredBrojSemestara
- PredPredavanja
- PredLabVezbe
- PredAudioVezbe**

Add Update Remove

Cancel Help Back Next Finish

Kreiranje dimenzija

New Dimension Wizard: Hierarchies

Fill fields, click Add creates a new hierarchy.

Define Hierarchy

Name:

Prefix:

Description:

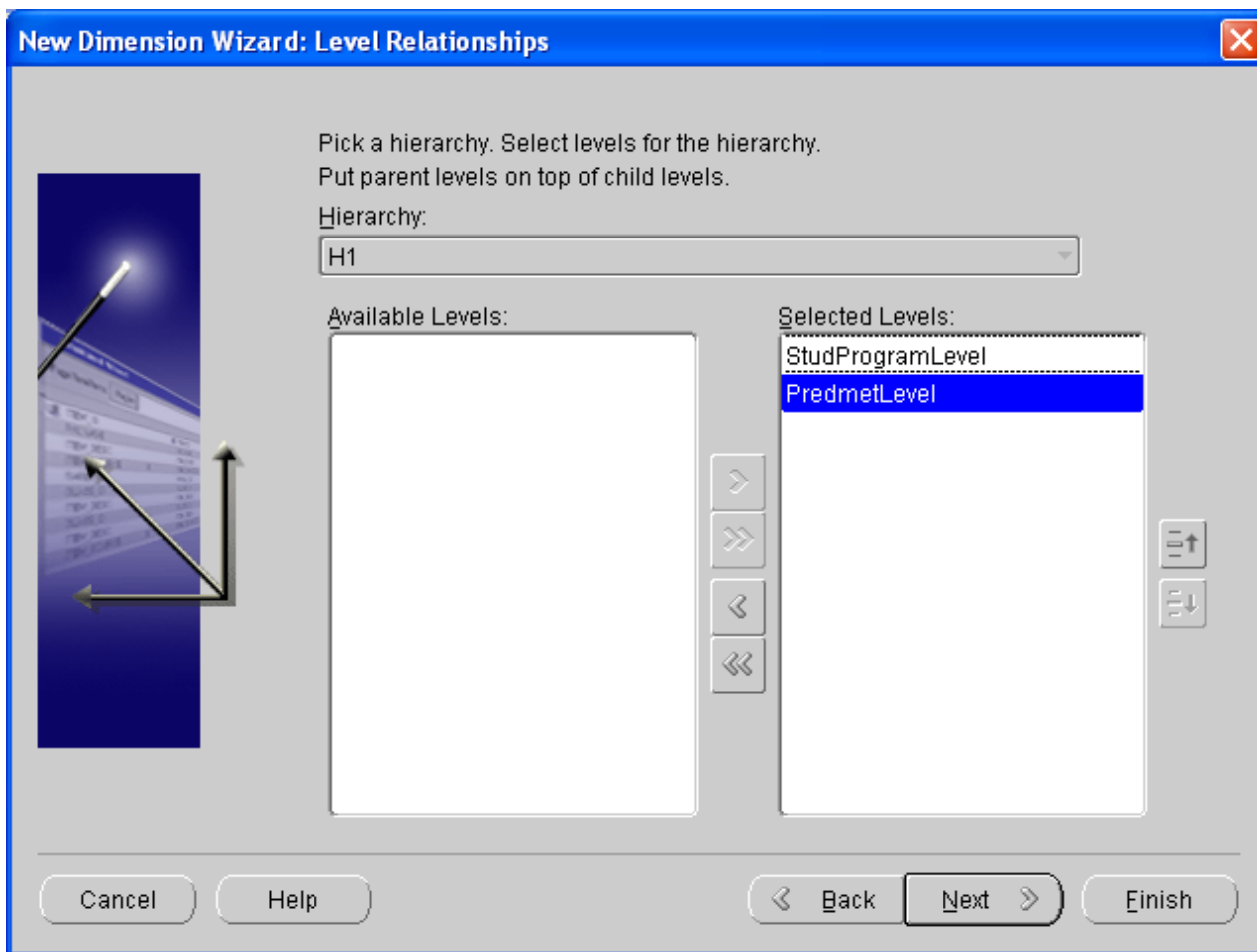
Hierarchies:

H1

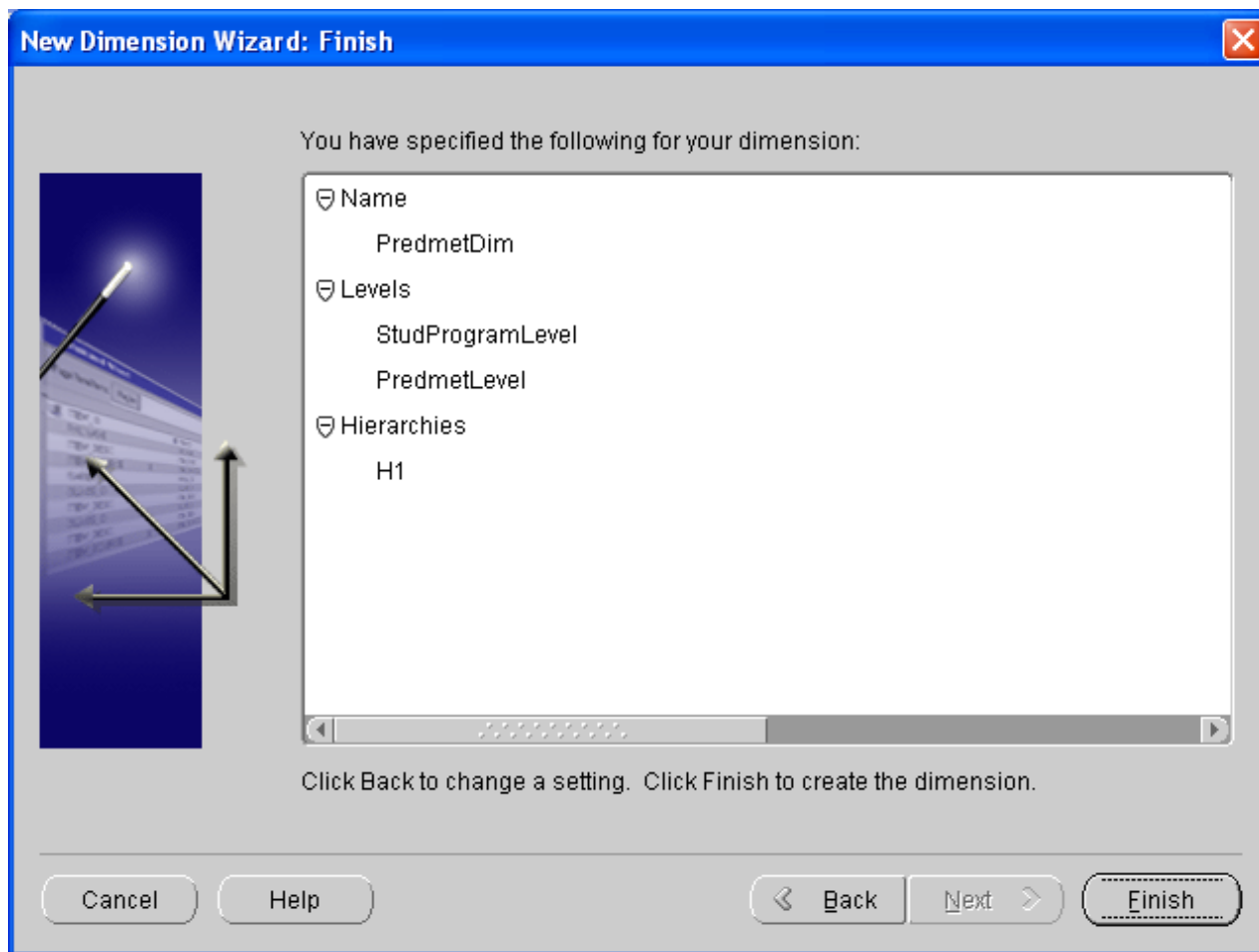
Add Update Remove

Cancel Help Back Next Finish

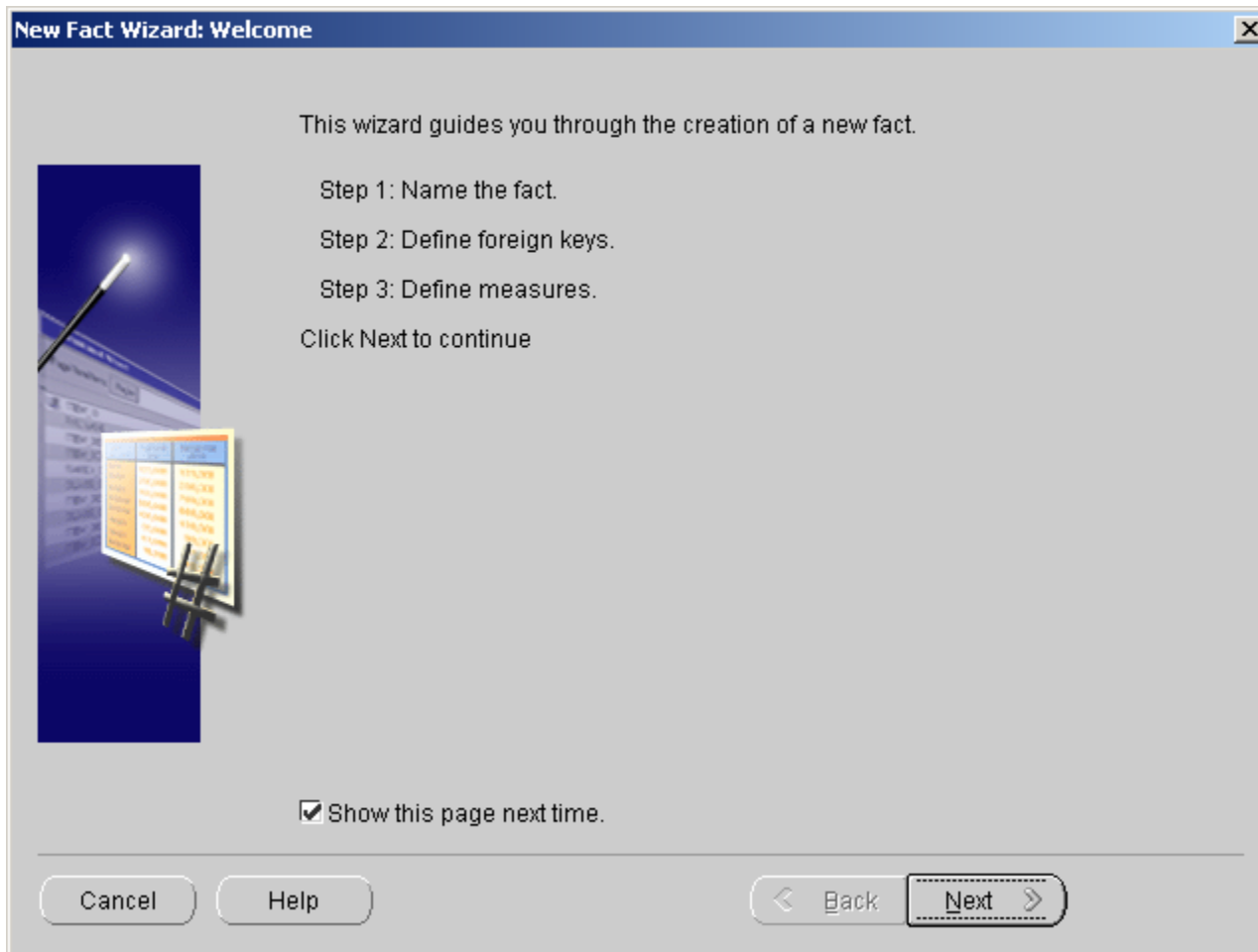
Kreiranje dimenzija



Kreiranje dimenzija



Kreiranje činjenice




Kreiranje činjenice

New Fact Wizard: Name

Type in a name for the fact:

Type in an optional description:



Cancel Help < Back Next > Finish

Kreiranje činjenice

New Fact Wizard: Define Foreign Keys

Create a foreign key to a dimension

Dimension:

Level:

Unique Key:

List of Foreign Keys:

Foreign Key	Dimension	Level	Foreign Key
PredId	PREDMETDIM	PREDMETLE...	PL_PREDID
VreId	VREMEDIM	VREMELEVEL	VL_VREID


Create segmented unique key from foreign keys

Kreiranje činjenice

New Fact Wizard: Define Measures

Current measures:

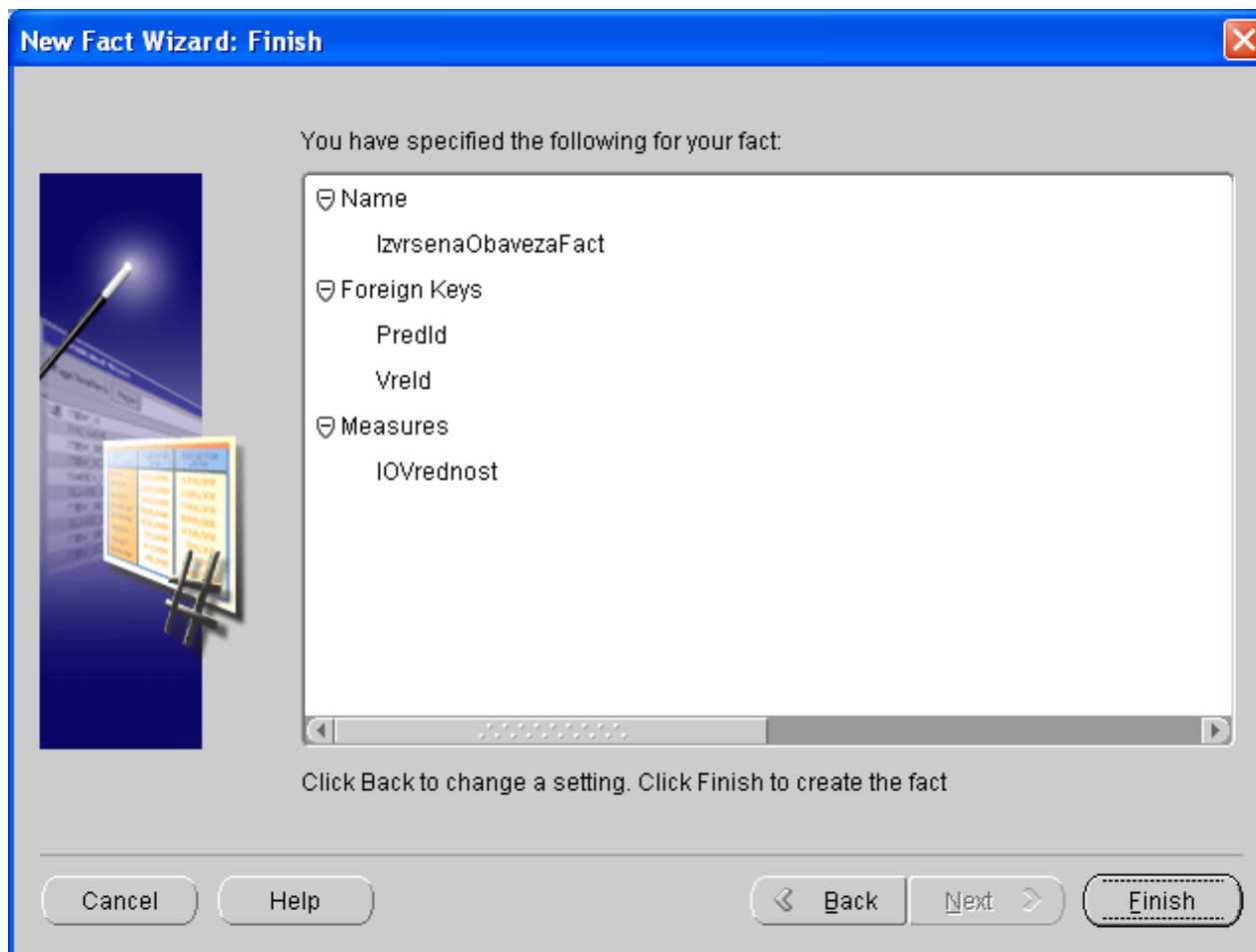
Name	Data Type	Length	Precision	Scale
loVrednost	NUMBER		0	0



Add Remove

Cancel Help Back Next Finish

Kreiranje činjenice



Kreiranje činjenice

