DEPLOY

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

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

- 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

- 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

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🔓 Oracle Warehouse Builder Runtime Assistant: Welcome



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

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





🖥 Oracle Wareho	use Builder Runtime Assistant: Choose Operation	
	Which operation would you like to perform ?	
	Create a new Warehouse Builder Runtime.	
	C Upgrade Runtime objects.	
	C Drop Warehouse Builder Runtime objects.	
	Click Next to continue.	
Cancel	Help (S Back Next >)	

🛃 Oracle Warehouse	Builder Runtime As	sistant: Server Information	
_	Enter the information database where the t	about the Host Name, Port Numb Warehouse Builder Runtime will b	er, and Oracle SID of the e installed.
	Host Name:	192.168.3.51	j
	Port Number:	1521	
101010101	Oracle SID:	db2012wh	
	Click Next to continue	9.	
Cancel	Help	(Back	Next >

🛃 Oracle Warehous	se Builder Runtime Assistant: New or Existing Schema			
	Select one of the following choices.			
	Create and install into a new user schema.			
	O Install into existing user Schema.			
	Click Next to continue.			
Cancel	Help (Back Next >)			



Toracle Warehous	e Builder Runtime Ass	istant: User Name and Password	
	Enter new User Nam	e and Password for Runtime schema.	
	User Name:	exxxxRUN	
	Password:	***	
101010101	Re-enter Password:	***	
	Click Next to continue	ı.	
Cancel	Help	🔇 Back 🛛 Next >>	

🗗 Oracle Warehous	e Builder Runtime Assistant: Tablespace	
	Select the default tablespace for Runtime data. STUDENTI Select the default tablespace for indexes. Student Select the temporary tablespace	······································
The state in the state of the s		
	Click Next to continue.	
Cancel	Help 🔍 🗄 Back 🔃 Next 📎	

SQL Developer Kreiranje konekcije za runtime usera

🔋 New / Select Database (Connection			×	
Connection N Connection D	Connection Name	ZaDeploy			
administrator sys@//localh				_	
MilanDiplomski slavica@//lo	Username	sername			
ottpbaza ottpbaza@//l.					
owb sofokle21@//	Password	2assword *******			
slavica scott@//local					
studenti scott@//local	Sa <u>v</u> e Password				
	Oracle Access N	MySQL SQLServer			
	Role	default 🔻			
	Connection Type (🖲 Basic 🔘 TNS 🔵 Advar	iced		
	Hostn <u>a</u> me		198.168.3.51		
	Port		1521		
) sid		db2012wh		
	◯ S <u>e</u> rvice name				
Status : Success					
Help	Save	<u>C</u> lear	Iest Connect Cancel		

SQL Developer Kreiranje linka na OLTP bazu



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 retrival. Source for Metadata Import: Oracle Data Dictionary Oracle Designer Repository 	
asistent	Database link: RUNLINK.US.ORACLE.COM	
asistent —	User Name:	
	Connect String: localhost:1521:test	Kreirati link sa
asistent	Schema: exxxxx Change Sche	istim nazivom kao u SQL Developer-u
	Help OK Cancel	

DEPLOY

When you finish te	esting, click OK.	_		
- O SQL*Net Conne	ect String:			
– – © Host Name:	- [
Host Na <u>m</u> e:	192.168.3.51			
Port Number:	1521			
Oracle SID:	db2012			v
Use for Hete	rogeneous Services		Projekat sa v	'ez
Us <u>e</u> r Name:	ex00000	€	asistent	
Pass <u>w</u> ord:	***		asisterit	
	Create and Test		asistent	

Generation mode	×
Select one of the following generation modes	
Generate create scripts	
🗖 Drop objects first	
○ Generate upgrade scripts	
Generate Global-Shared-Library transformations	
Help QK Cancel	D

Generation Results[Succee	:d]				
Objects for which scripts have b	een generated.				
Schema Objects	gs Mes:	sages			
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 <u>by</u> : Al	ll Roles 🛛 👻			
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					Deploy
					Save as <u>F</u> ile
(Help)					(<u>C</u> lose)

Connection Information						
Enter the warehouse runtime connection information						
User name:	exxxxxRun					
Password:	***					
Host name:	192.168.3.51					
Port number:	1521					
SID:	db2012wh					
Help	QK Cancel					

% D	atabase Deployment						×
	 Objects to be created in the database 						
	lick Create to create objects	;					
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	Object Name	Line	Position	Туре	Mess	age	_
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a Database Deployment				×
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Click Create to create obje	cts			
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	0	0	SEQUEN	Successfully installed
Help				Create Close

DEPLOY – dimenzije NASTAVNIK

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Treba sve da se deploy ne samo TABLE

DEPLOY – dimenzije NASTAVNIK

View Code

% NASTAVNIKDIM. ddl		
Co <u>d</u> e <u>E</u> dit <u>S</u> earch		
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	and the second	
11 Copyright(c) 1999-2002	Oracle Corporation.	
12 *****************	***************************************	8
13		
14		
15 WHENEVER SQLERROR EXIT FAI	LURE;	12
16		
17		
18 CREATE TABLE "NASTAVNIKDIN	I.,	
19 (
20 "NL_NASID" NUMBER,		
21 "NL_NASIMENASTAVNIKA" VAF	CHAR2 (20),	
22 "NL_NASNAZIVZVANJA" VARCI	FAR2 (20),	
23 "NL_NASPREZIMENASTAV" VAF	CHAR2(30))	
24 TABLESPACE "USERS"		
25 PARALLEL		
26 LOGGING		
27;		
28		
29		-
A 200000		D
Line 1 Column 1 Read Only		Windows: CR/LF

DEPLOY – dimenzije NASTAVNIK

🔏 Database Deployment 🛛 🔀							
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DEPLOY – dimenzije NASTAVNIK

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DEPLOY – dimenzije NASTAVNIK

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🗈 🔂 XML Schemas	2 Column Name 2 Data Type 2 Nullable Data Default 2 COLUMN ID 2 Primary Key 2 COM	/MENTS					
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DAVA\$CLASS\$MD5\$TABLE	NL_NASPREZIMENASTAV VARCHAR2(30 BYTE) Yes (null) 4 (null) (null)						
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. WB_RT_ERROR_ROWS							
T WB RT JOB							
. WB_RT_OPERATOR							
THE WE RT PARAMETERS							
Run Manager							
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		▼					
TABLE VEZBERUN.NASTAVNIKDIM@ZaDeploy1		Editing					

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

🛎 Configuration Properties: MAP_STUD 🔀						
🍾 🚛						
⊖ MAP_STUDENT_DIM						
Deployable	true					
Step type	PL/SQL					
⊕Runtime paramet						
⊖ Sources and Tar						
⊕SK_PREDMET						
⊕ STUDENTDIM						
Bound Name	FAKULTET					
Schema						
Database Link	runlink					
⊕ Partition Exch						
⊕Hints						
⊕ Constraint m						
⊕ SQL*Loader						
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E					Create Close

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± Tables					
	Auditing mode constants				
🕀 🛅 Indexes	AUDIT_NONE	CONSTANT BINARY_INTEGER := 0;			
🖻 🎆 Packages	AUDIT_STATISTICS	CONSTANT BINARY_INTEGER := 1;			
- MAP_STUDENT_DIM	AUDIT_ERROR_DETAILS	CONSTANT BINARY_INTEGER := 2;			
MAP_STUDENT_DIM Body	AUDIT_COMPLETE	CONSTANT BINARY_INTEGER := 3;			
AUDIT_NONE					
	Operating mode constants				
	MODE_SET	CONSTANT BINARY_INTEGER := 0;			
AUDIT_COMPLETE	MODE_ROW	CONSTANT BINARY_INTEGER := 1;			
MODE_SET	MODE_ROW_TARGET	CONSTANT BINARY_INTEGER := 2;			
MODE_ROW	MODE_SET_FAILOVER_ROW	CUNSTANT BINARY_INTEGER := 3;			
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122 net methics suit id	get runtime sudit id	MINRED (22) - 0.			
123 get_runtime_audit_louel	get_runtime_dudito_ru	BINARY INTEGER := AUDIT FREDE DETAILS.			
	get cycle date	CONSTANT DATE := SYSDATE:			
	get model id	CONSTANT NUMBER(22) := 0;			
Run Manager	get model name	CONSTANT VARCHAR2(40) := 'MAP STUDENT DIN';			
	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;			
			▼		
PACKAGE VEZBERUN.MAP_STUDENT_DIM@ZaDeplo	oy1		Editing		

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RUN – MAP_Student_dim

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	l								-	
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-	Runtime ID	Select	Updat	Inserted	Deleted	Merged	Column Err	Message	_	
C	Help						C	<u>Run</u>	ose)	

RUN – MAP_Student_dim

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 Object to be run in the database 											
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RUN – MAP_Student_dim

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	5	100)	5 Jovan	elektro	I	ic		
	6	302	2	6 Milan	elektro	N	Ailic		
	7	303	3	7 Iva	elektro	þ	vic		
I WB_RT_ERRORS	8	304	l .	8 Jovan	elektro	J	lovanovic		
WB_RT_EXCEPTIONS	9	305	5	9 Sava	elektro	S	Savic		
	10	306	6 1	0 Petar	elektro	F	Petrovic		
	11	307	' 1	1 Janko	elektro	J	lankovic		
WB_RT_OPERATOR	12	308	3 1	2 Ivana	elektro	h	vanovic		
D	13	309) 1	3 Dragan	elektro	0	Draganic		
	14	310) 1	4 Nikola	elektro	١	likolic		
WB_RT_ROWKEY_LOCK									
Run Manager									
The Processes									
									-
	•			3333				•	
All Rows Fetched: 14									Editing

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

🕈 Co	ode Viewer: MAP_MVNASPRED [Succeed]
Co <u>d</u> e	e <u>E</u> dit <u>S</u> earch View
29	INSERT
30	/*+ APPEND PARALLEL("MVNASPRED", DEFAULT, DEFAULT)*/
31	INTO
32	"MVNASPRED"
33	("NASID",
34	"PREDID",
35	"MVNPSREDNJAOCENA",
36	"MVNPPROCENAT10")
37	(SELECT
38	"AVG_1"."NLID" "NASID",
39	"AVG_1"."PLPREDID" "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"."PLPREDID" "PLPREDID",
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"."PLPREDID" "PLPREDID",
51	"IZVRSENAOBAVEZAFACT"."NL_ID" "NL_ID",
52	COUNT ("TZVRSENAOBAVEZAFACT", "TOVREDNOST") "COUNT_TOVREDNOST".
Line	54 Column 15 Read Only Mindows: CRil F

DEPLOY Materijalizovanih pogleda

e	Materialized	View Properti	es: MVNASPRI	D [Read/Write	2]	×
I	General	Columns	Query	Constraints	Attribute Sets	
	Specify the que	ry text:				
	SELECT "AVG_1"."F "AVG_1"."F "DESETKE 100 "PROCEN FROM (SELECT "AGG_SF "AGG_SF "AGG_SF "AGG_SF	NLID" "NASID" PLPREDID" "P AVG_IOVREDNO E"."COUNT_IOVF ATDESETKI" REDNJA_OCENA REDNJA_OCENA REDNJA_OCENA REDNJA_OCENA	, REDID", ST" "SREDNJA REDNOST" / "AV \$0"."PLPREI \$0"."NLID" "P \$0"."NLID" "P \$0"."AVG_IOVR	OCENA", 'G_1"."COUNT_ DID" "PLPREI NLID", DVREDNOST" EDNOST" "AVG	IOVREDNOST" * DID", _IOVREDNOST"	
	FROM					
	Help				QK Can	:el)

Kraj