OAUG oracle applications users group

COLLABORATE07 Technology and Applications Forum for the Oracle Community

Technical Foundation: AOL Users

Michael Brown, Colibri Limited
mbrown@colibrilimited.com

Agenda

- What is the AOL?
- Reading an ERD
- Finding the Tables
- Users and Responsibilities
- Profiles
- Descriptive Flexfields
- Applications DBA - Patches
- Useful Applications during Cloning

What is the AOL?

- Application Object Library
  - Commonly thought of as FND
  - Core set of common tables, applications
  - Tables belong to APPLSYS

Reading an ERD (eTRM format)

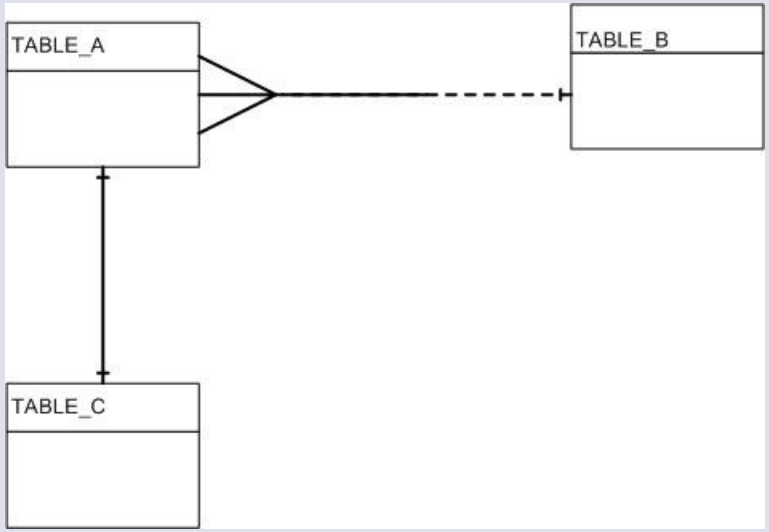


Table A May Have One and only One Table B
Table B Must Have One or More Table A

Table A Must Have One and only One Table C
Table C Must Have One and only One Table A

Reading an ERD (Presentation)

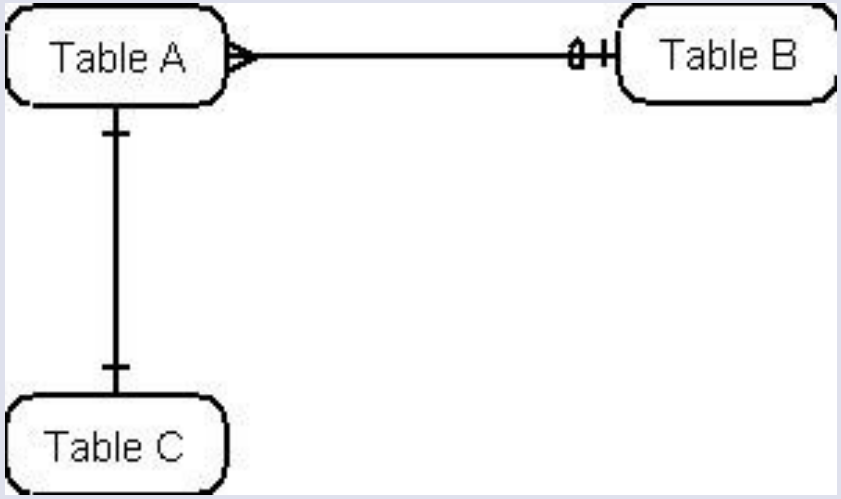
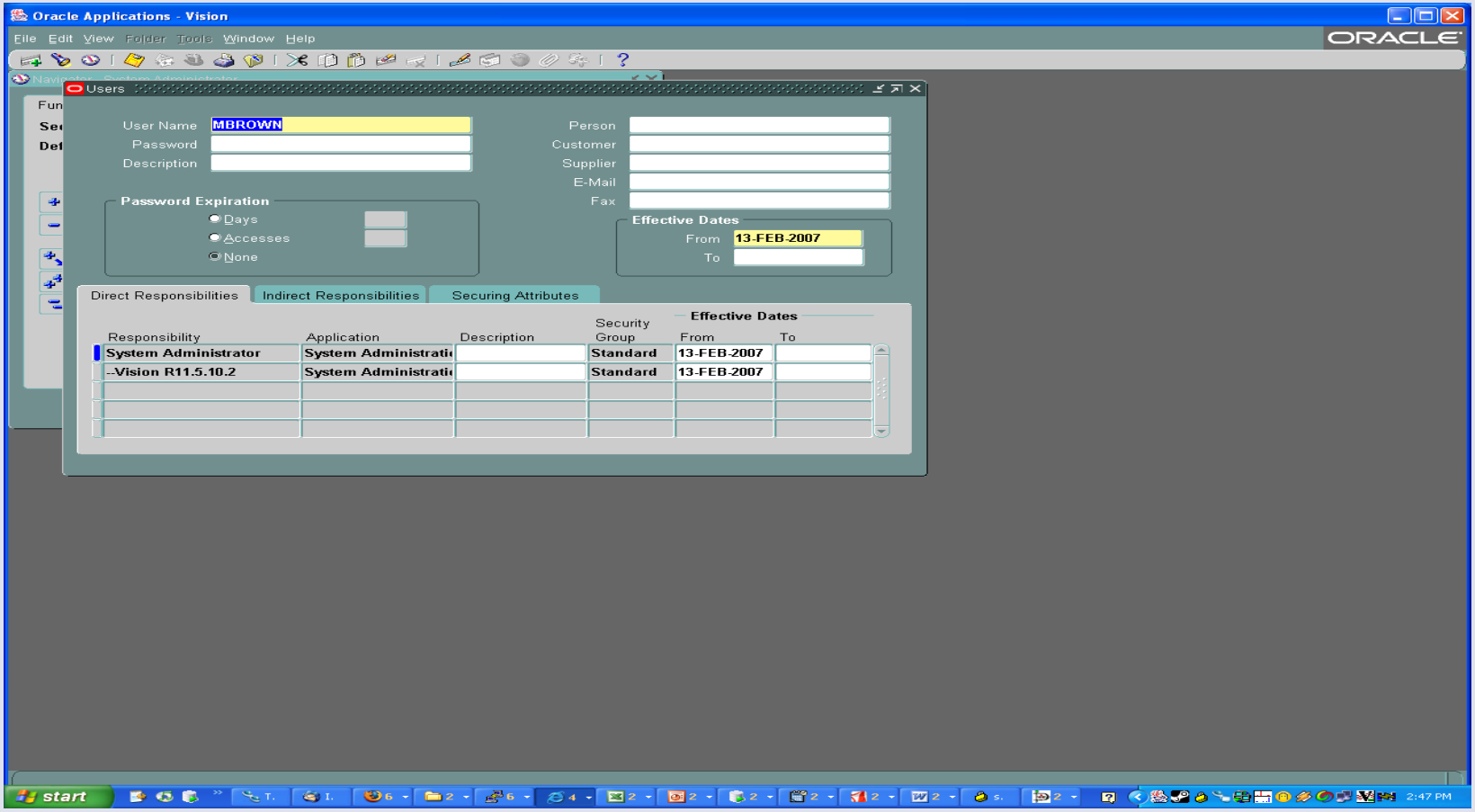


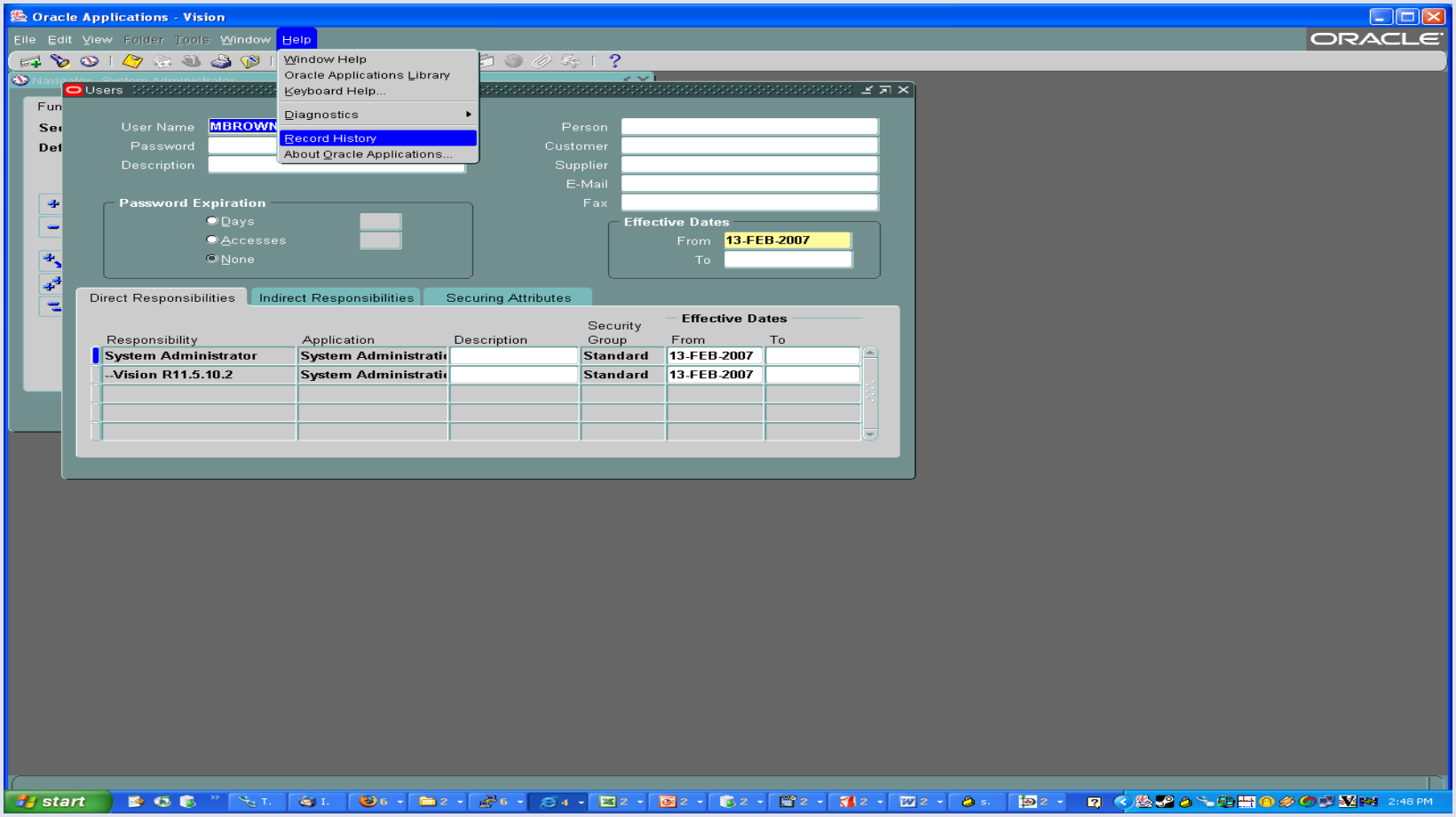
Table A May Have One and only One Table B
Table B Must Have One or More Table A

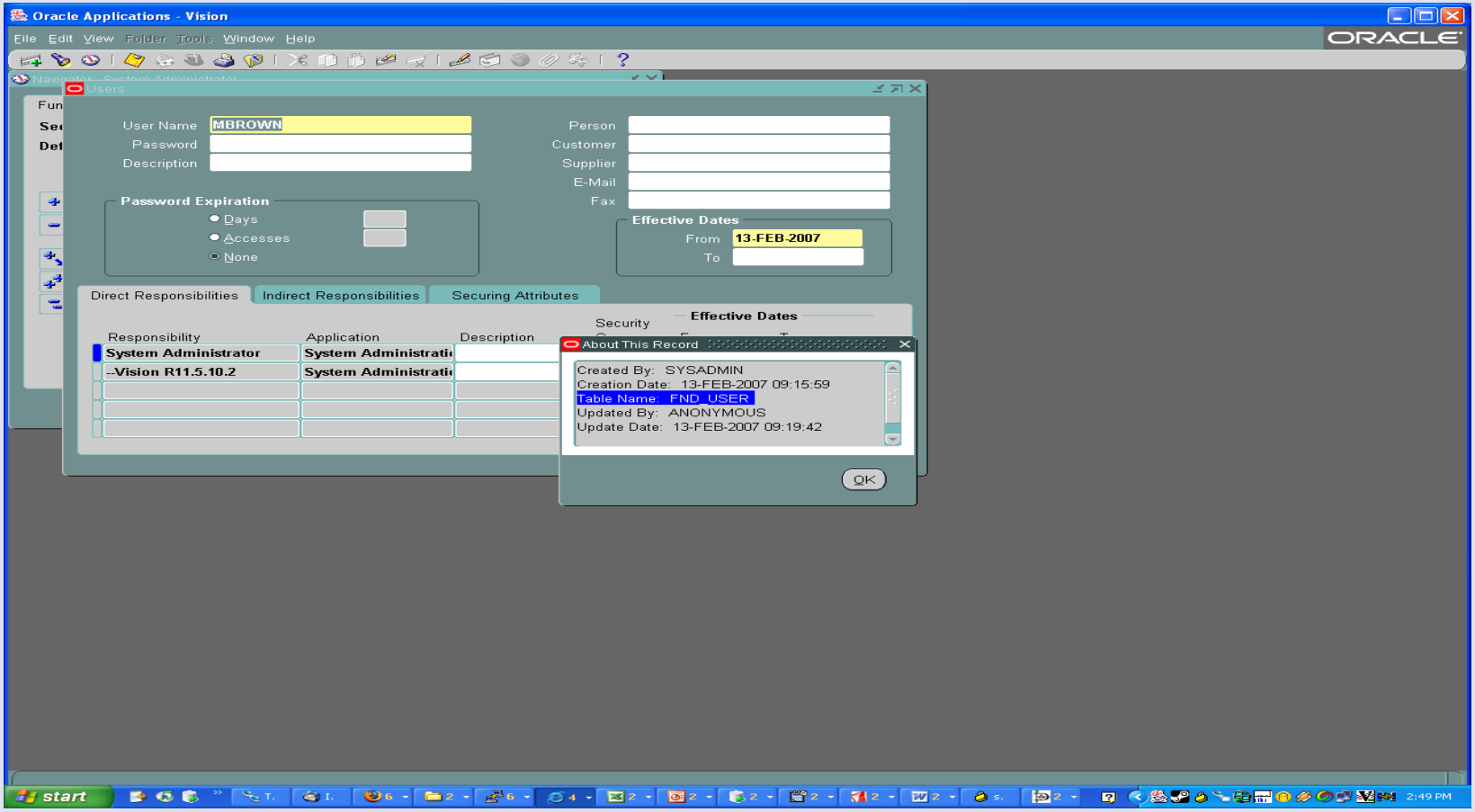
Table A Must Have One and only One Table C
Table C Must Have One and only One Table A

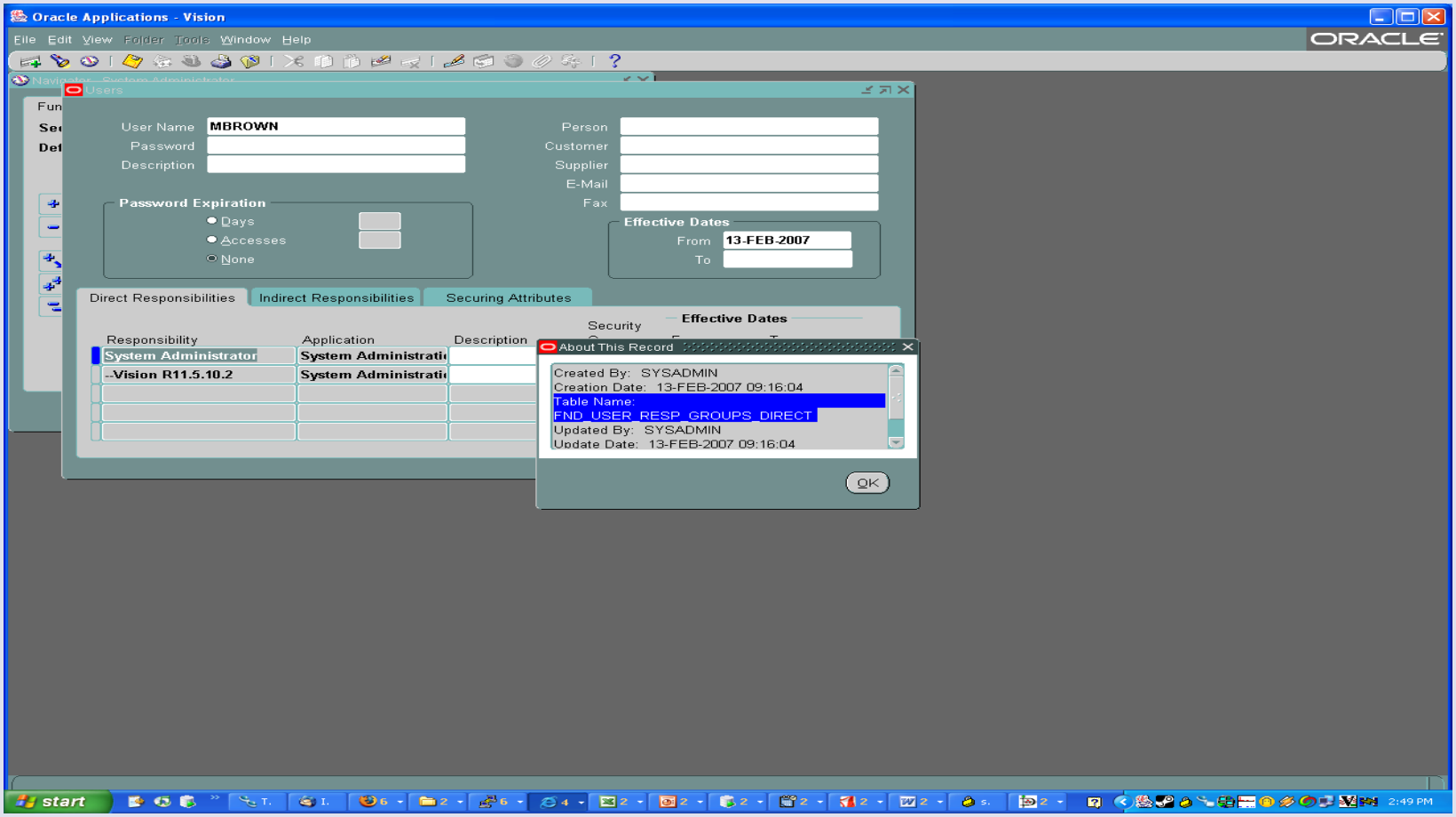
Finding The Tables

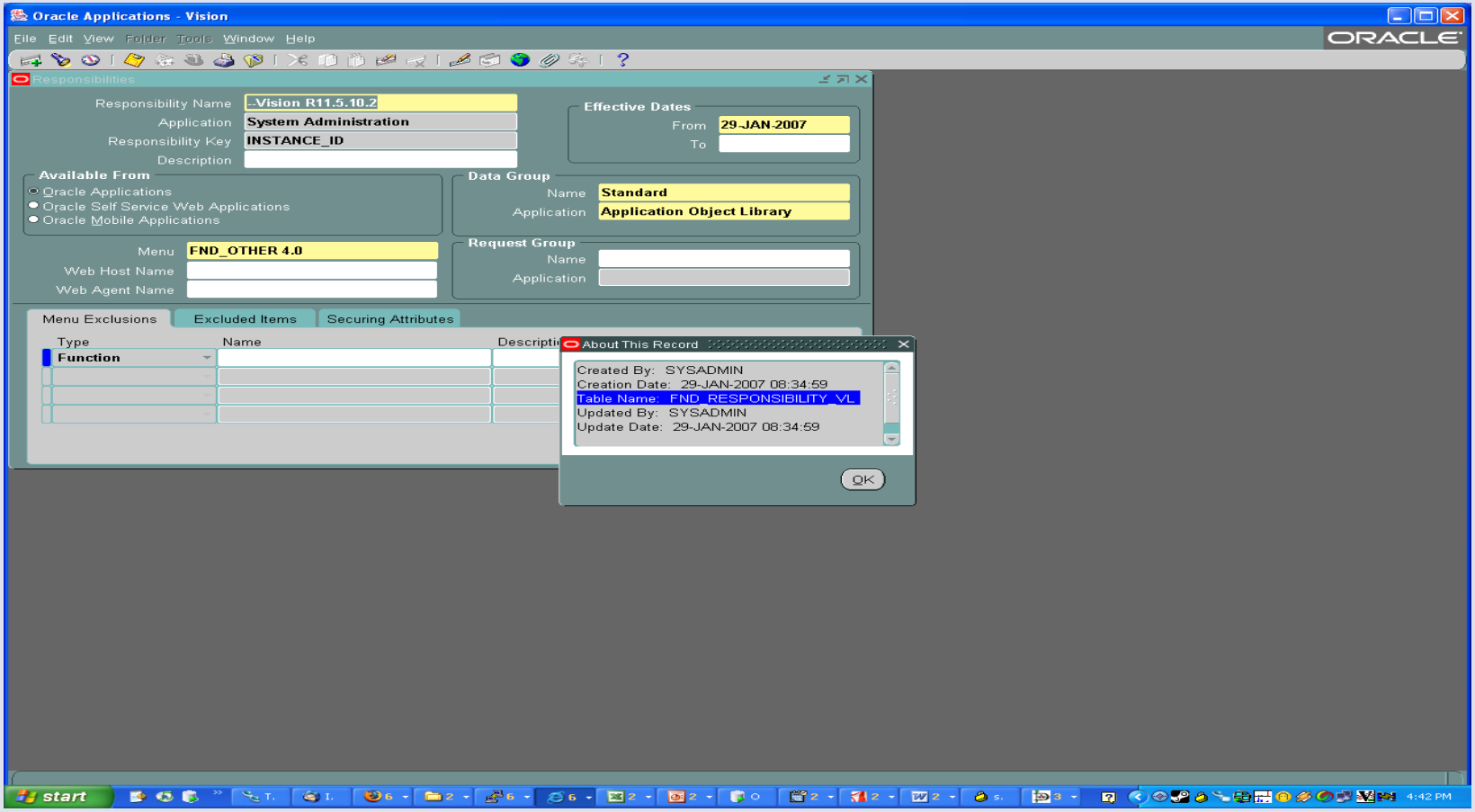
- Help-> Record History
  - http://roswell2.colibriltd.com:8011


Oracle Applications - Vision
File Edit View Folder Tools Window Help
ORACLE
Users
User Name MBROWN
Password
Description
Person
Customer
Supplier
E-Mail
Fax
Password Expiration
Days
Accesses
None
Effective Dates
From 13-FEB-2007
To
Direct Responsibilities
Indirect Responsibilities
Securing Attributes
Responsibility
Application
Description
Security Group
Effective Dates
From
To
System Administrator
System Administrati
Standard
13-FEB-2007
--Vision R11.5.10.2
System Administrati
Standard
13-FEB-2007
start
2:47 PM


Oracle Applications - Vision
File Edit View Folder Tools Window Help
ORACLE
Window Help
Oracle Applications Library
Keyboard Help...
Diagnostics
Record History
About Oracle Applications...
Users
User Name MBROWN
Password
Description
Person
Customer
Supplier
E-Mail
Fax
Password Expiration
Days
Accesses
None
Effective Dates
From 13-FEB-2007
To
Direct Responsibilities
Indirect Responsibilities
Securing Attributes
Responsibility
Application
Description
Security Group
Effective Dates
From
To
System Administrator
System Administrati
Standard
13-FEB-2007
--Vision R11.5.10.2
System Administrati
Standard
13-FEB-2007
start
2:48 PM


Oracle Applications - Vision
File Edit View Folder Tools Window Help
ORACLE
Users
User Name MBROWN
Password
Description
Person
Customer
Supplier
E-Mail
Fax
Password Expiration
Days
Accesses
None
Effective Dates
From 13-FEB-2007
To
Direct Responsibilities
Indirect Responsibilities
Securing Attributes
Security
Effective Dates
Responsibility
Application
Description
System Administrator
System Administrati
--Vision R11.5.10.2
System Administrati
About This Record
Created By: SYSADMIN
Creation Date: 13-FEB-2007 09:15:59
Table Name: FND_USER
Updated By: ANONYMOUS
Update Date: 13-FEB-2007 09:19:42
OK
start
2:49 PM


Oracle Applications - Vision
File Edit View Folder Tools Window Help
ORACLE
Users
User Name MBROWN
Password
Description
Person
Customer
Supplier
E-Mail
Fax
Password Expiration
Days
Accesses
None
Effective Dates
From 13-FEB-2007
To
Direct Responsibilities
Indirect Responsibilities
Securing Attributes
Security
Effective Dates
Responsibility
Application
Description
System Administrator
System Administrati
--Vision R11.5.10.2
System Administrati
About This Record
Created By: SYSADMIN
Creation Date: 13-FEB-2007 09:16:04
Table Name:
FND_USER_RESP_GROUPS_DIRECT
Updated By: SYSADMIN
Update Date: 13-FEB-2007 09:16:04
OK
start
2:49 PM


Oracle Applications - Vision
File Edit View Folder Tools Window Help
ORACLE
Responsibilities
Responsibility Name -Vision R11.5.10.2
Application System Administration
Responsibility Key INSTANCE_ID
Description
Effective Dates
From 29-JAN-2007
To
Available From
Oracle Applications
Oracle Self Service Web Applications
Oracle Mobile Applications
Data Group
Name Standard
Application Application Object Library
Menu FND_OTHER 4.0
Web Host Name
Web Agent Name
Request Group
Name
Application
Menu Exclusions
Excluded Items
Securing Attributes
Type
Name
Function
About This Record
Created By: SYSADMIN
Creation Date: 29-JAN-2007 08:34:59
Table Name: FND_RESPONSIBILITY_VL
Updated By: SYSADMIN
Update Date: 29-JAN-2007 08:34:59
OK
start
4:42 PM

Finding The Tables

- Help -> Record History
- eTRM
  - http://etrm.oracle.com
  - Must be logged on to Metalink to access

https://etrm.oracle.com - Oracle eTRM - Mozilla Firefox
ORACLE
eTRM Technical Reference
Home Help
Search
FND
DBA
Select Database:
11.5.7
11.5.8
11.5.9
11.5.10
FND Data
DBA Data
PDF Files
HTML Files
12.0
Browse Content:
FND Data Dictionary
Oracle Data Dictionary
Download Files:
Diagrams and PDF Files
Static HTML Files
Logical Data Models
Summarization Diagrams
eTRM Version 11.5.10
Oracle eBusiness Suite Electronic Technical Reference Manual - eTRM
Enter a search condition then press 'Search'
Search
eTRM is a pl/sql utility that reads design information in an Oracle database and displays its output in html format. It shows database design and dependency information for the Oracle eBusiness Suite. Enter the name of a database object (example: per_people_f) or a search condition (example: contract compliance) then press 'Search' to search for information. Alternatively you can browse the FND Model or Oracle Data Dictionary from the FND or DBA tabs
Send us your comments! Email the Web Page Manager to report broken hyperlinks or share your comments and ideas. Your comments will be routed to the Knowledge Team for evaluation.
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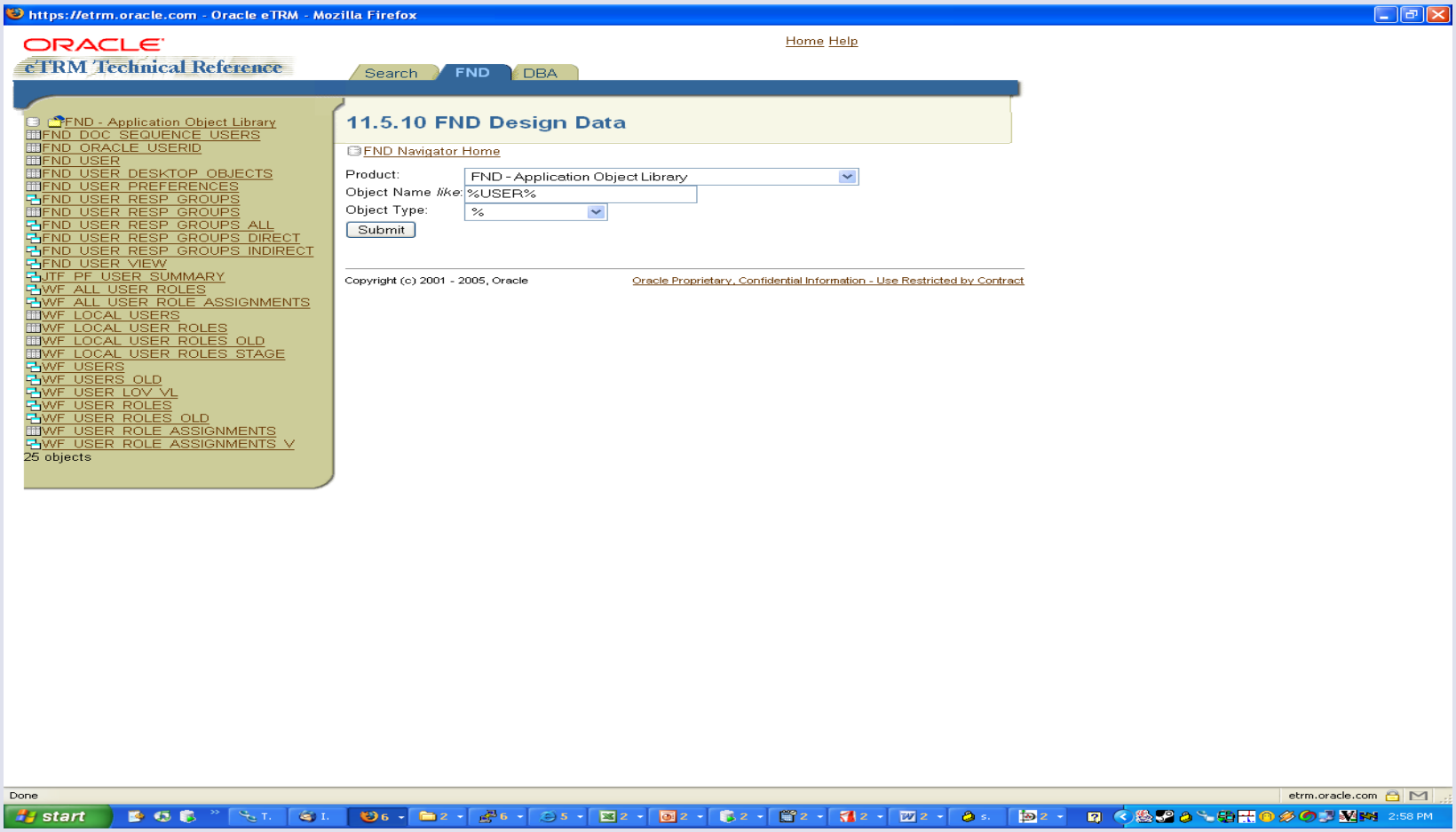
Done
etrm.oracle.com
start
2:57 PM


https://etrm.oracle.com - Oracle eTRM - Mozilla Firefox
ORACLE
eTRM Technical Reference
Home Help
Search FND DBA
FND - Application Object Library
FND_DOC_SEQUENCE_USERS
FND_ORACLE_USERID
FND_USER
FND_USER_DESKTOP_OBJECTS
FND_USER_PREFERENCES
FND_USER_RESP_GROUPS
FND_USER_RESP_GROUPS
FND_USER_RESP_GROUPS_ALL
FND_USER_RESP_GROUPS_DIRECT
FND_USER_RESP_GROUPS_INDIRECT
FND_USER_VIEW
JTF_PF_USER_SUMMARY
WF_ALL_USER_ROLES
WF_ALL_USER_ROLE_ASSIGNMENTS
WF_LOCAL_USERS
WF_LOCAL_USER_ROLES
WF_LOCAL_USER_ROLES_OLD
WF_LOCAL_USER_ROLES_STAGE
WF_USERS
WF_USERS_OLD
WF_USER_LOV_VL
WF_USER_ROLES
WF_USER_ROLES_OLD
WF_USER_ROLE_ASSIGNMENTS
WF_USER_ROLE_ASSIGNMENTS_V
25 objects
11.5.10 FND Design Data
FND Navigator Home
Product: FND - Application Object Library
Object Name like: %USER%
Object Type: %
Submit
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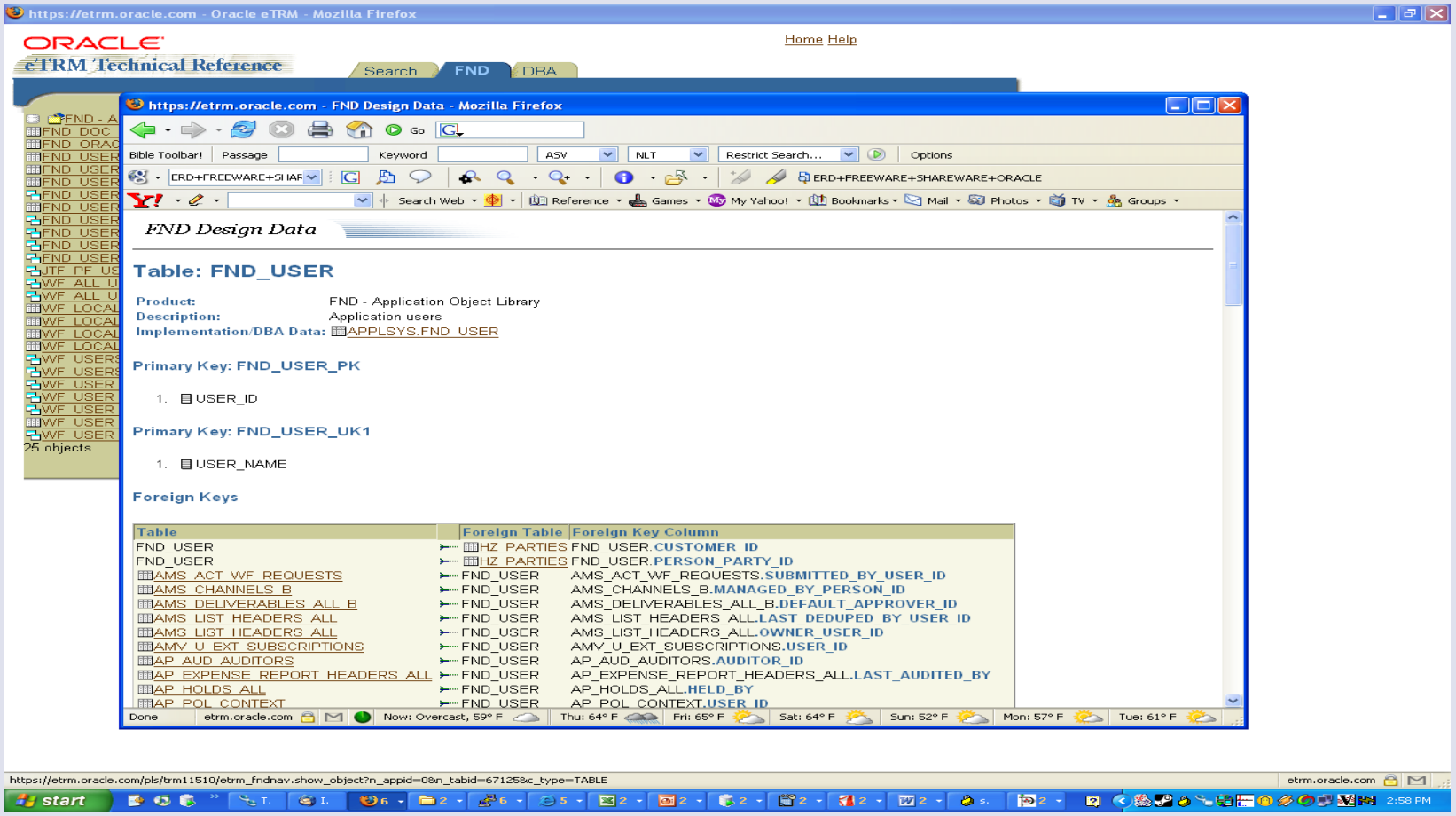
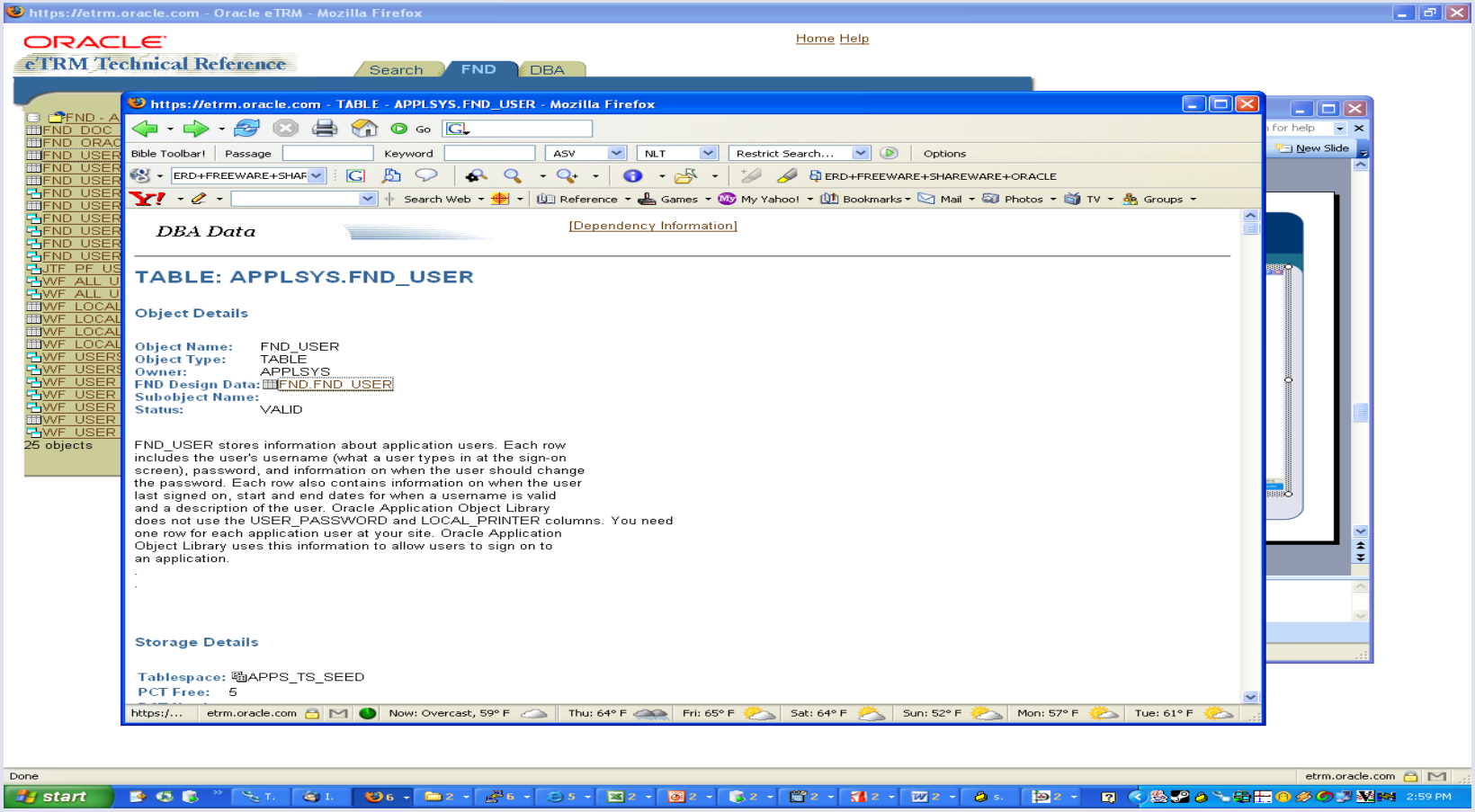
Done
etrm.oracle.com
start
2:58 PM


https://etrm.oracle.com - Oracle eTRM - Mozilla Firefox
ORACLE
eTRM Technical Reference
Home Help
Search
FND
DBA
https://etrm.oracle.com - FND Design Data - Mozilla Firefox
FND Design Data
Table: FND_USER
Product: FND - Application Object Library
Description: Application users
Implementation/DBA Data: APPLSYS.FND_USER
Primary Key: FND_USER_PK
1. USER_ID
Primary Key: FND_USER_UK1
1. USER_NAME
Foreign Keys
Table
Foreign Table
Foreign Key Column
FND_USER HZ_PARTIES FND_USER.CUSTOMER_ID
FND_USER HZ_PARTIES FND_USER.PERSON_PARTY_ID
AMS_ACT_WF_REQUESTS FND_USER AMS_ACT_WF_REQUESTS.SUBMITTED_BY_USER_ID
AMS_CHANNELS_B FND_USER AMS_CHANNELS_B.MANAGED_BY_PERSON_ID
AMS_DELIVERABLES_ALL_B FND_USER AMS_DELIVERABLES_ALL_B.DEFAULT_APPROVER_ID
AMS_LIST_HEADERS_ALL FND_USER AMS_LIST_HEADERS_ALL.LAST_DEDUPED_BY_USER_ID
AMS_LIST_HEADERS_ALL FND_USER AMS_LIST_HEADERS_ALL.OWNER_USER_ID
AMV_U_EXT_SUBSCRIPTIONS FND_USER AMV_U_EXT_SUBSCRIPTIONS.USER_ID
AP_AUD_AUDITORS FND_USER AP_AUD_AUDITORS.AUDITOR_ID
AP_EXPENSE_REPORT_HEADERS_ALL FND_USER AP_EXPENSE_REPORT_HEADERS_ALL.LAST_AUDITED_BY
AP_HOLDS_ALL FND_USER AP_HOLDS_ALL.HELD_BY
AP_POL_CONTEXT FND_USER AP_POL_CONTEXT.USER_ID
25 objects
start
2:58 PM


https://etrm.oracle.com - Oracle eTRM - Mozilla Firefox
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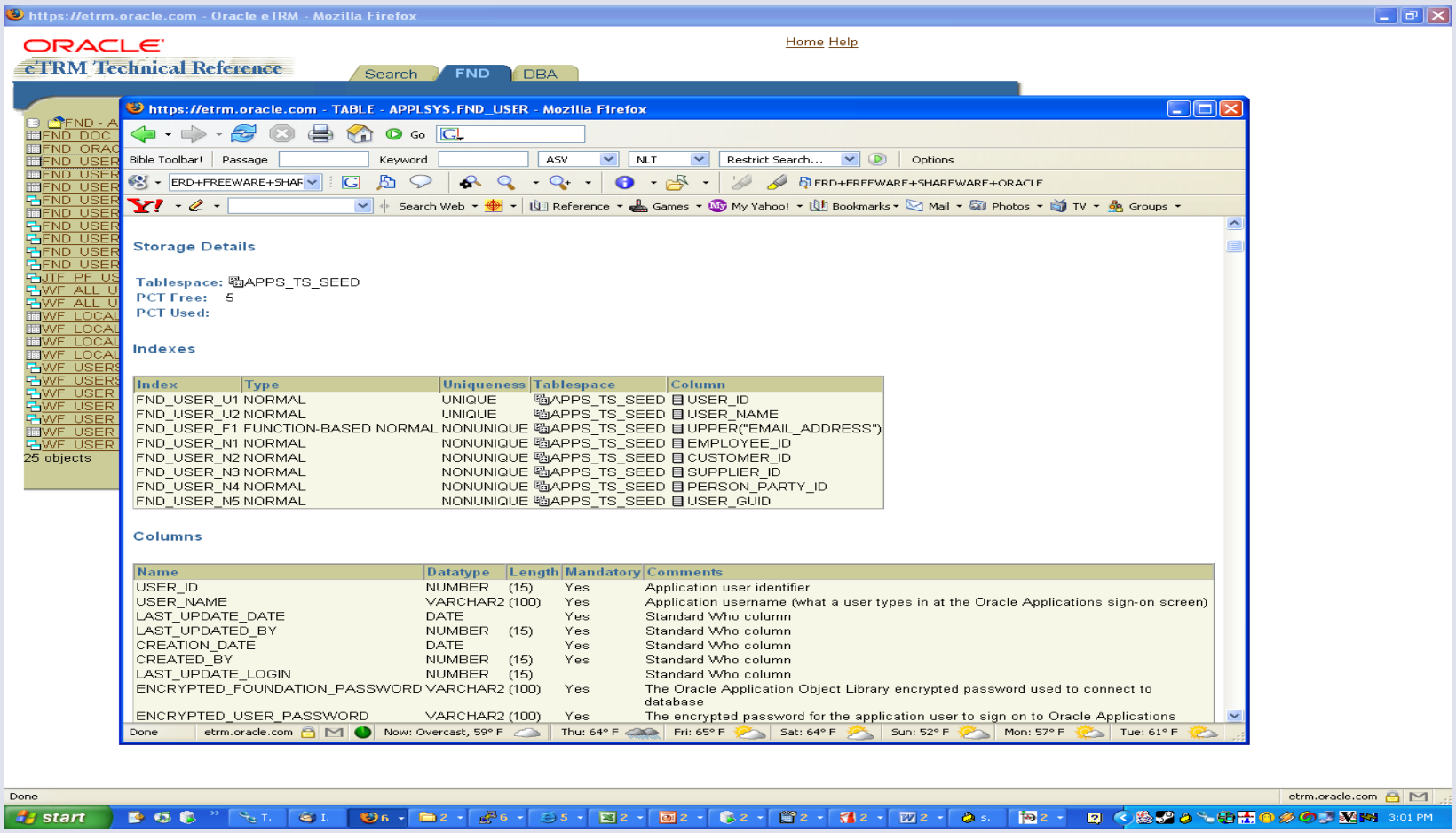
eTRM Technical Reference
Home Help
Search
FND
DBA
https://etrm.oracle.com - TABLE - APPLSYS.FND_USER - Mozilla Firefox
DBA Data
[Dependency Information]
TABLE: APPLSYS.FND_USER
Object Details
Object Name: FND_USER
Object Type: TABLE
Owner: APPLSYS
FND Design Data: FND_FND_USER
Subobject Name:
Status: VALID
FND_USER stores information about application users. Each row includes the user's username (what a user types in at the sign-on screen), password, and information on when the user should change the password. Each row also contains information on when the user last signed on, start and end dates for when a username is valid and a description of the user. Oracle Application Object Library does not use the USER_PASSWORD and LOCAL_PRINTER columns. You need one row for each application user at your site. Oracle Application Object Library uses this information to allow users to sign on to an application.
Storage Details
Tablespace: APPS_TS_SEED
PCT Free: 5
25 objects
Done
start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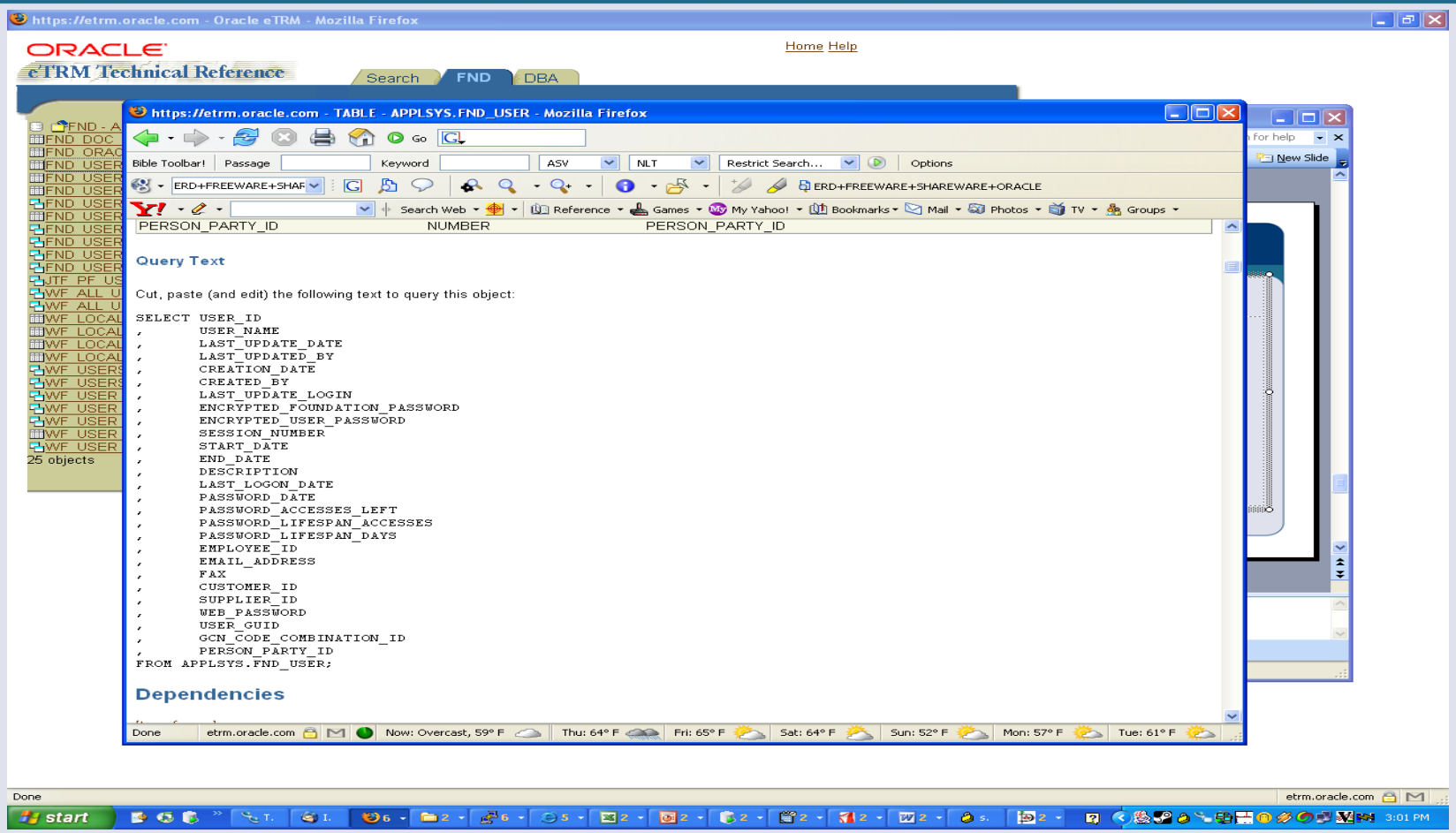
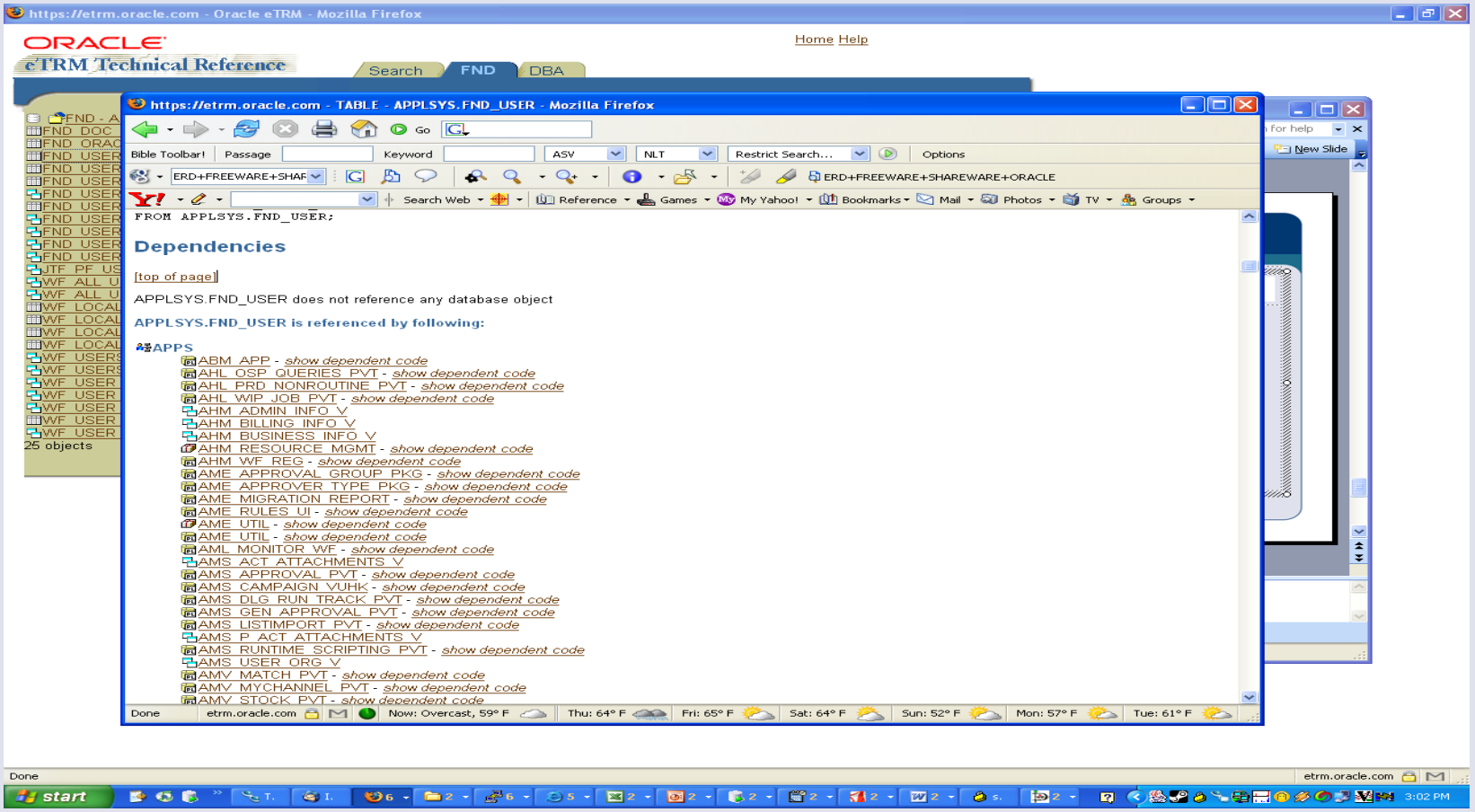
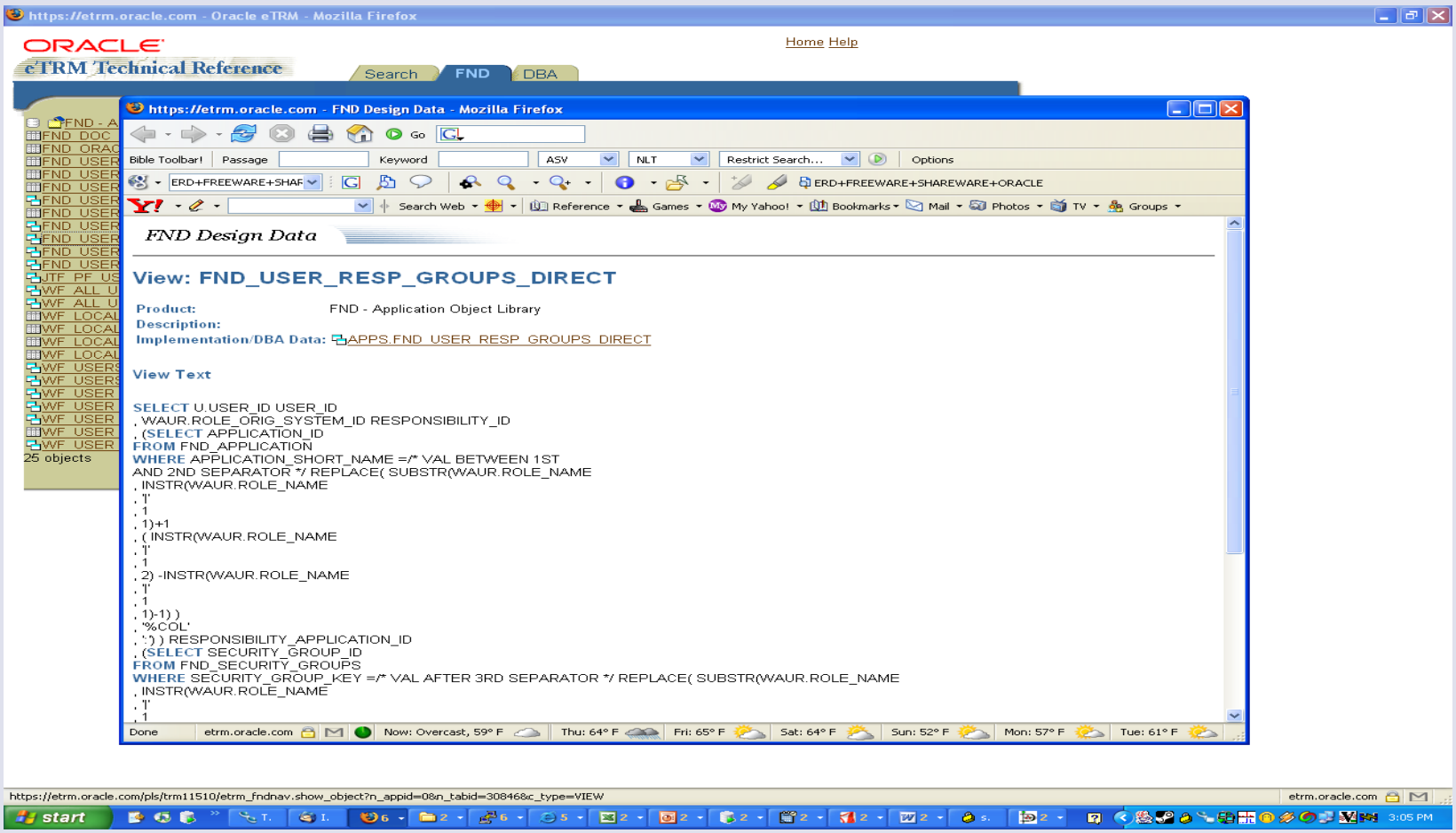
ORACLE
eTRM Technical Reference
Home Help
Search
FND
DBA
https://etrm.oracle.com - TABLE - APPLSYS.FND_USER - Mozilla Firefox
Storage Details
Tablespace: APPS_TS_SEED
PCT Free: 5
PCT Used:
Indexes
Index Type Uniqueness Tablespace Column
FND_USER_U1 NORMAL UNIQUE APPS_TS_SEED USER_ID
FND_USER_U2 NORMAL UNIQUE APPS_TS_SEED USER_NAME
FND_USER_F1 FUNCTION-BASED NORMAL NONUNIQUE APPS_TS_SEED UPPER("EMAIL_ADDRESS")
FND_USER_N1 NORMAL NONUNIQUE APPS_TS_SEED EMPLOYEE_ID
FND_USER_N2 NORMAL NONUNIQUE APPS_TS_SEED CUSTOMER_ID
FND_USER_N3 NORMAL NONUNIQUE APPS_TS_SEED SUPPLIER_ID
FND_USER_N4 NORMAL NONUNIQUE APPS_TS_SEED PERSON_PARTY_ID
FND_USER_N5 NORMAL NONUNIQUE APPS_TS_SEED USER_GUID
Columns
Name Datatype Length Mandatory Comments
USER_ID NUMBER (15) Yes Application user identifier
USER_NAME VARCHAR2 (100) Yes Application username (what a user types in at the Oracle Applications sign-on screen)
LAST_UPDATE_DATE DATE Yes Standard Who column
LAST_UPDATED_BY NUMBER (15) Yes Standard Who column
CREATION_DATE DATE Yes Standard Who column
CREATED_BY NUMBER (15) Yes Standard Who column
LAST_UPDATE_LOGIN NUMBER (15) Standard Who column
ENCRYPTED_FOUNDATION_PASSWORD VARCHAR2 (100) Yes The Oracle Application Object Library encrypted password used to connect to database
ENCRYPTED_USER_PASSWORD VARCHAR2 (100) Yes The encrypted password for the application user to sign on to Oracle Applications
25 objects
Done
start


https://etrm.oracle.com - Oracle eTRM - Mozilla Firefox
ORACLE
eTRM Technical Reference
Home Help
Search
FND
DBA
https://etrm.oracle.com - TABLE - APPLSYS.FND_USER - Mozilla Firefox
PERSON_PARTY_ID NUMBER PERSON_PARTY_ID
Query Text
Cut, paste (and edit) the following text to query this object:
SELECT USER_ID
, USER_NAME
, LAST_UPDATE_DATE
, LAST_UPDATED_BY
, CREATION_DATE
, CREATED_BY
, LAST_UPDATE_LOGIN
, ENCRYPTED_FOUNDATION_PASSWORD
, ENCRYPTED_USER_PASSWORD
, SESSION_NUMBER
, START_DATE
, END_DATE
, DESCRIPTION
, LAST_LOGON_DATE
, PASSWORD_DATE
, PASSWORD_ACCESSES_LEFT
, PASSWORD_LIFESPAN_ACCESSES
, PASSWORD_LIFESPAN_DAYS
, EMPLOYEE_ID
, EMAIL_ADDRESS
, FAX
, CUSTOMER_ID
, SUPPLIER_ID
, WEB_PASSWORD
, USER_GUID
, GCN_CODE_COMBINATION_ID
, PERSON_PARTY_ID
FROM APPLSYS.FND_USER;
Dependencies
25 objects
Done
start


https://etrm.oracle.com - Oracle eTRM - Mozilla Firefox
ORACLE
eTRM Technical Reference
Home Help
Search
FND
DBA
https://etrm.oracle.com - TABLE - APPLSYS.FND_USER - Mozilla Firefox
FROM APPLSYS.FND_USER;
Dependencies
[top of page]
APPLSYS.FND_USER does not reference any database object
APPLSYS.FND_USER is referenced by following:
APPS
ABM_APP - show dependent code
AHL_OSP_QUERIES_PVT - show dependent code
AHL_PRD_NONROUTINE_PVT - show dependent code
AHL_WIP_JOB_PVT - show dependent code
AHM_ADMIN_INFO_V
AHM_BILLING_INFO_V
AHM_BUSINESS_INFO_V
AHM_RESOURCE_MGMT - show dependent code
AHM_WF_REG - show dependent code
AME_APPROVAL_GROUP_PKG - show dependent code
AME_APPROVER_TYPE_PKG - show dependent code
AME_MIGRATION_REPORT - show dependent code
AME_RULES_UI - show dependent code
AME_UTIL - show dependent code
AME_UTIL - show dependent code
AML_MONITOR_WF - show dependent code
AMS_ACT_ATTACHMENTS_V
AMS_APPROVAL_PVT - show dependent code
AMS_CAMPAIGN_VUHK - show dependent code
AMS_DLG_RUN_TRACK_PVT - show dependent code
AMS_GEN_APPROVAL_PVT - show dependent code
AMS_LISTIMPORT_PVT - show dependent code
AMS_P_ACT_ATTACHMENTS_V
AMS_RUNTIME_SCRIPTING_PVT - show dependent code
AMS_USER_ORG_V
AMV_MATCH_PVT - show dependent code
AMV_MYCHANNEL_PVT - show dependent code
AMV_STOCK_PVT - show dependent code
Done
etrm.oracle.com
Now: Overcast, 59° F
Thu: 64° F
Fri: 65° F
Sat: 64° F
Sun: 52° F
Mon: 57° F
Tue: 61° F
start
3:02 PM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ORACLE
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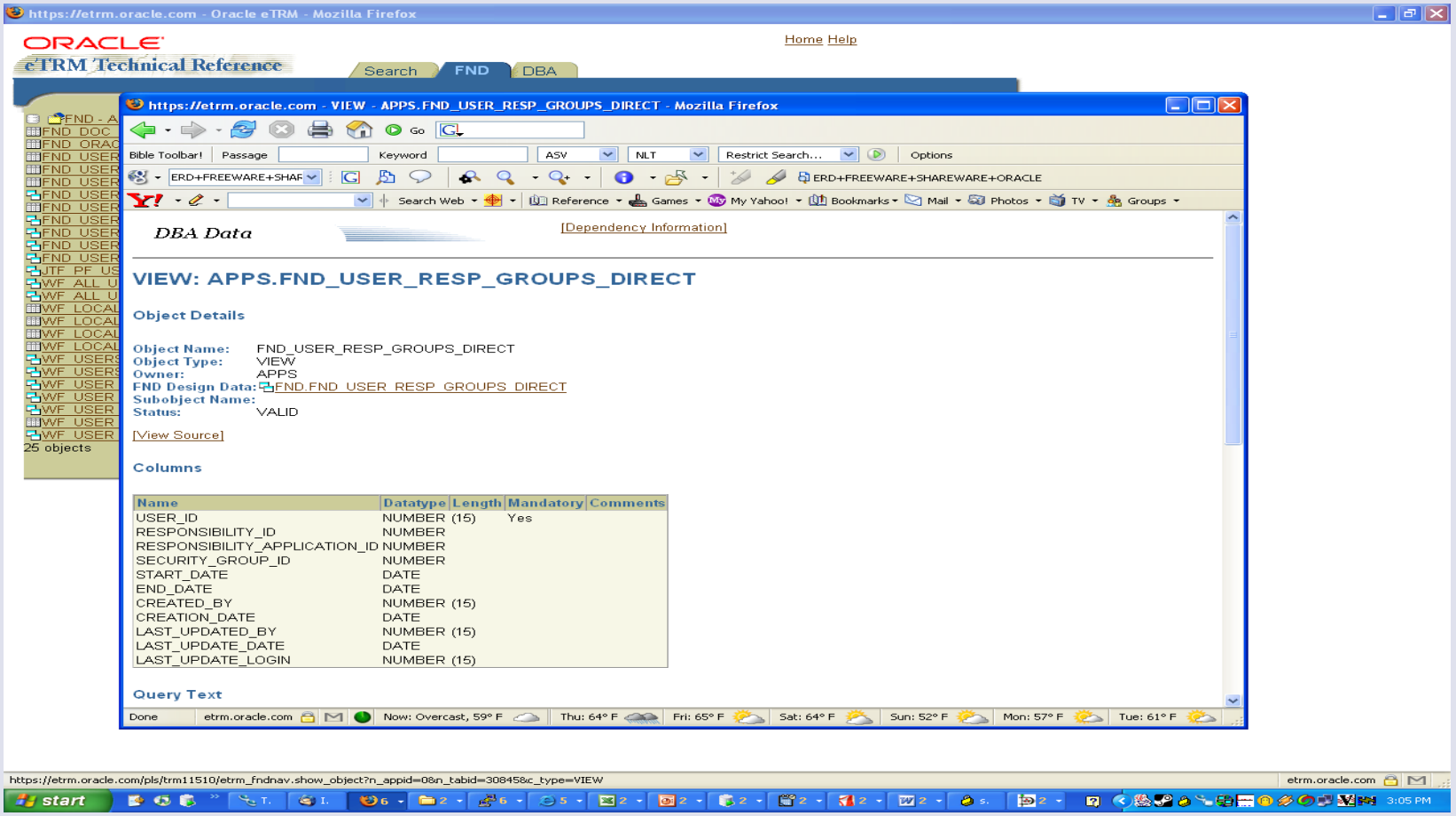
Home Help
Search
FND
DBA
https://etrm.oracle.com - FND Design Data - Mozilla Firefox
FND Design Data
View: FND_USER_RESP_GROUPS_DIRECT
Product: FND - Application Object Library
Description:
Implementation/DBA Data: APPS.FND_USER_RESP_GROUPS_DIRECT
View Text
SELECT U.USER_ID USER_ID
, WAUR.ROLE_ORIG_SYSTEM_ID RESPONSIBILITY_ID
, (SELECT APPLICATION_ID
FROM FND_APPLICATION
WHERE APPLICATION_SHORT_NAME =/* VAL BETWEEN 1ST
AND 2ND SEPARATOR */ REPLACE(SUBSTR(WAUR.ROLE_NAME
, INSTR(WAUR.ROLE_NAME
, '|'
, 1
, 1)+1
, (INSTR(WAUR.ROLE_NAME
, '|'
, 1
, 2) -INSTR(WAUR.ROLE_NAME
, '|'
, 1
, 1)-1))
, '%COL'
, ':')) RESPONSIBILITY_APPLICATION_ID
, (SELECT SECURITY_GROUP_ID
FROM FND_SECURITY_GROUPS
WHERE SECURITY_GROUP_KEY =/* VAL AFTER 3RD SEPARATOR */ REPLACE(SUBSTR(WAUR.ROLE_NAME
, INSTR(WAUR.ROLE_NAME
, '|'
, 1
25 objects
Done
etrm.oracle.com
Now: Overcast, 59° F
Thu: 64° F
Fri: 65° F
Sat: 64° F
Sun: 52° F
Mon: 57° F
Tue: 61° F
https://etrm.oracle.com/pls/trm11510/etrm_fndnav.show_object?n_appid=0&n_tabid=30846&c_type=VIEW
start
3:05 PM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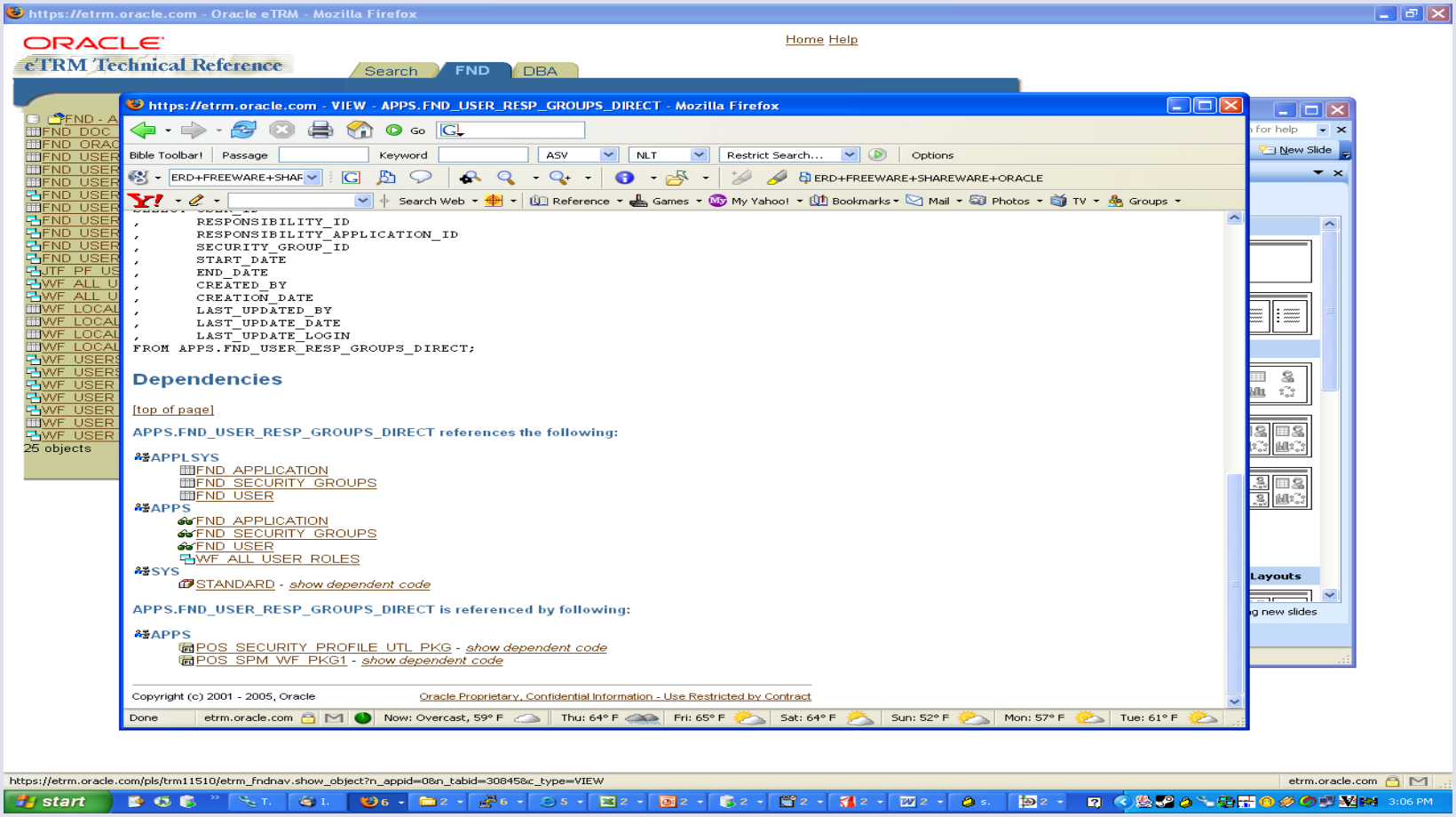
ORACLE
eTRM Technical Reference
Home Help
Search
FND
DBA
https://etrm.oracle.com - VIEW - APPS.FND_USER_RESP_GROUPS_DIRECT - Mozilla Firefox
DBA Data
[Dependency Information]
VIEW: APPS.FND_USER_RESP_GROUPS_DIRECT
Object Details
Object Name: FND_USER_RESP_GROUPS_DIRECT
Object Type: VIEW
Owner: APPS
FND Design Data: FND.FND_USER_RESP_GROUPS_DIRECT
Subobject Name:
Status: VALID
[View Source]
Columns
Name Datatype Length Mandatory Comments
USER_ID NUMBER (15) Yes
RESPONSIBILITY_ID NUMBER
RESPONSIBILITY_APPLICATION_ID NUMBER
SECURITY_GROUP_ID NUMBER
START_DATE DATE
END_DATE DATE
CREATED_BY NUMBER (15)
CREATION_DATE DATE
LAST_UPDATED_BY NUMBER (15)
LAST_UPDATE_DATE DATE
LAST_UPDATE_LOGIN NUMBER (15)
Query Text
25 objects
start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Home Help
Search
FND
DBA
https://etrm.oracle.com - VIEW - APPS.FND_USER_RESP_GROUPS_DIRECT - Mozilla Firefox
RESPONSIBILITY_ID
RESPONSIBILITY_APPLICATION_ID
SECURITY_GROUP_ID
START_DATE
END_DATE
CREATED_BY
CREATION_DATE
LAST_UPDATED_BY
LAST_UPDATE_DATE
LAST_UPDATE_LOGIN
FROM APPS.FND_USER_RESP_GROUPS_DIRECT;
Dependencies
[top of page]
APPS.FND_USER_RESP_GROUPS_DIRECT references the following:
APPLSYS
FND_APPLICATION
FND_SECURITY_GROUPS
FND_USER
APPS
FND_APPLICATION
FND_SECURITY_GROUPS
FND_USER
WF_ALL_USER_ROLES
SYS
STANDARD - show dependent code
APPS.FND_USER_RESP_GROUPS_DIRECT is referenced by following:
APPS
POS_SECURITY_PROFILE_UTL_PKG - show dependent code
POS_SPM_WF_PKG1 - show dependent code
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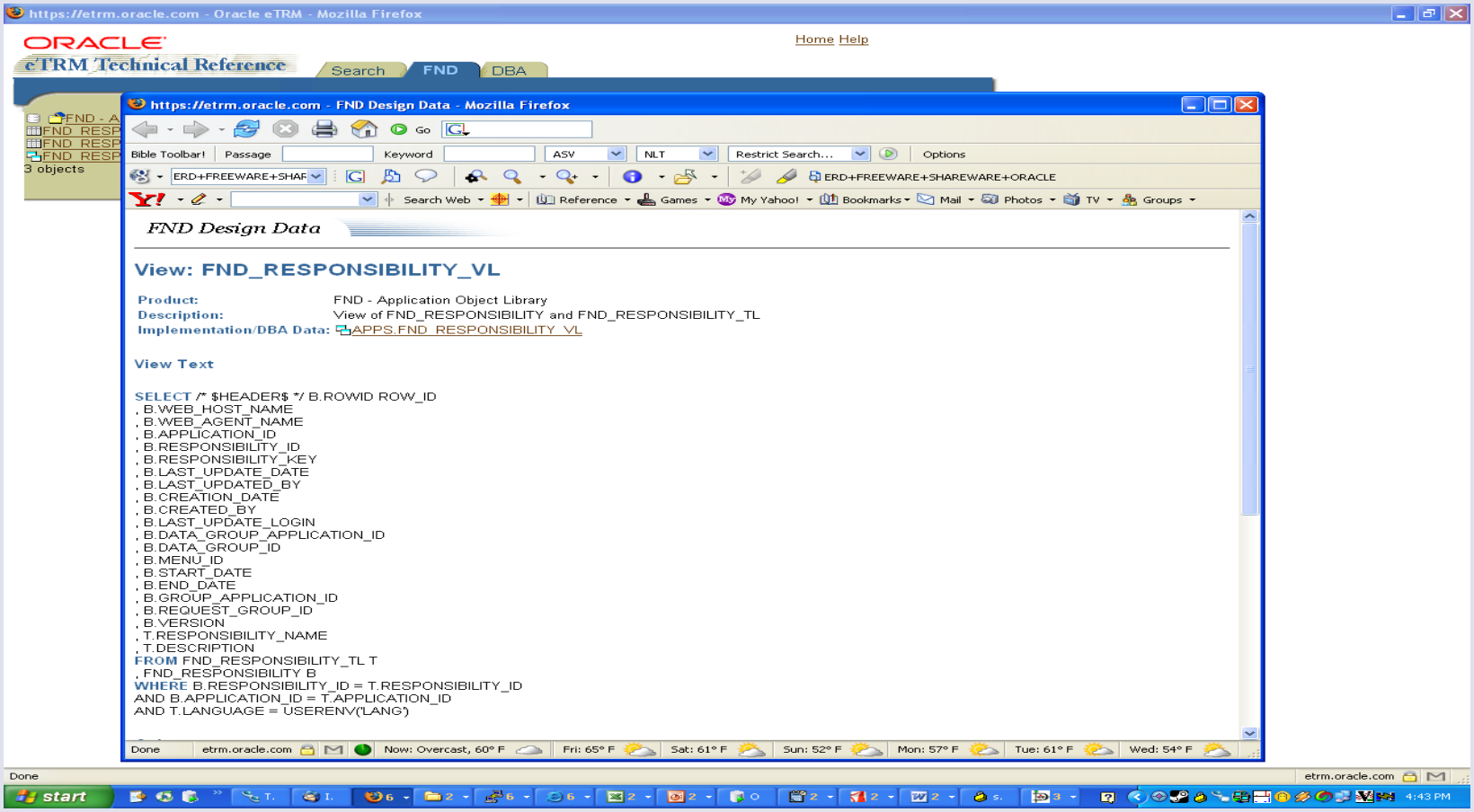
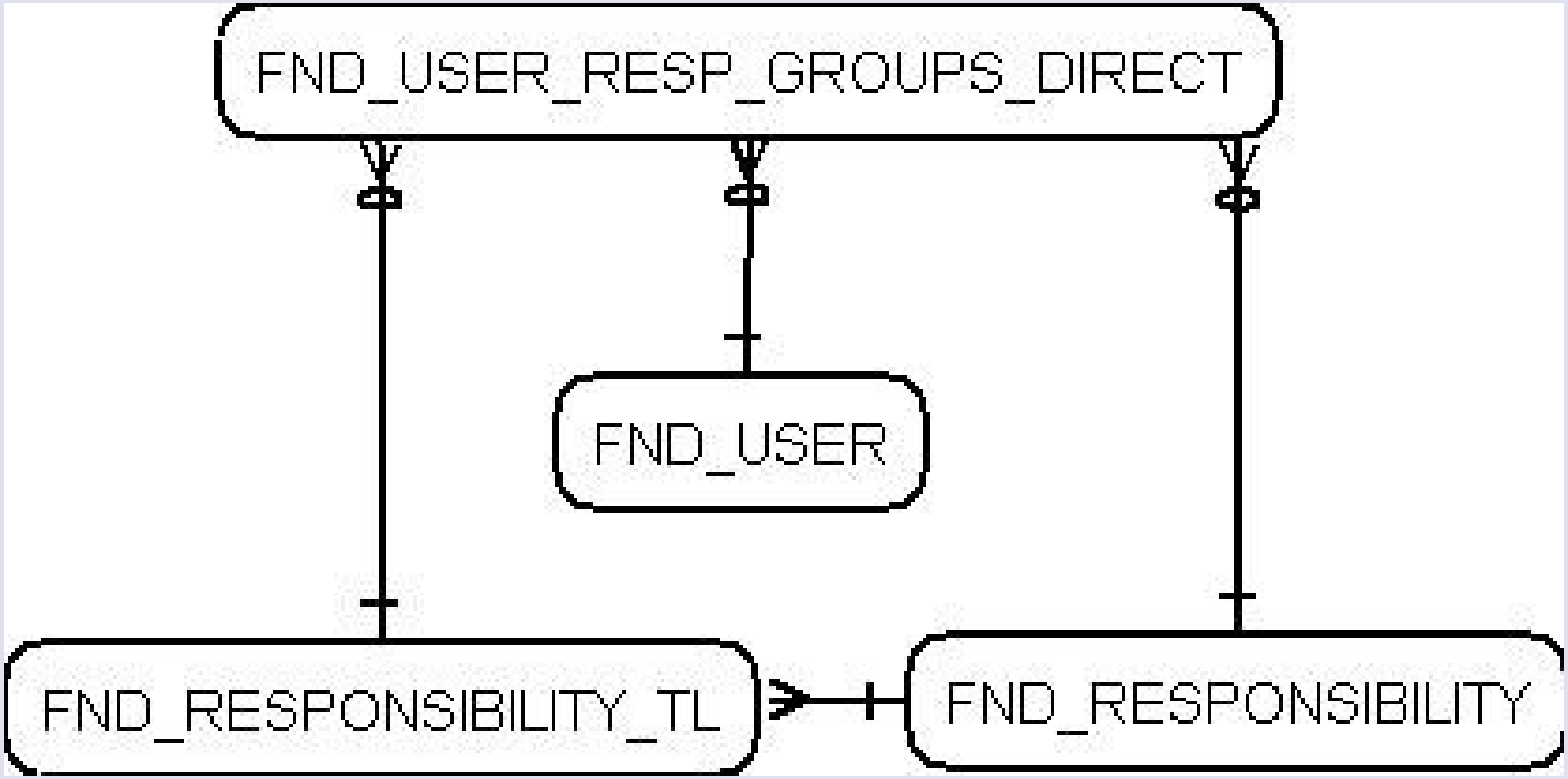
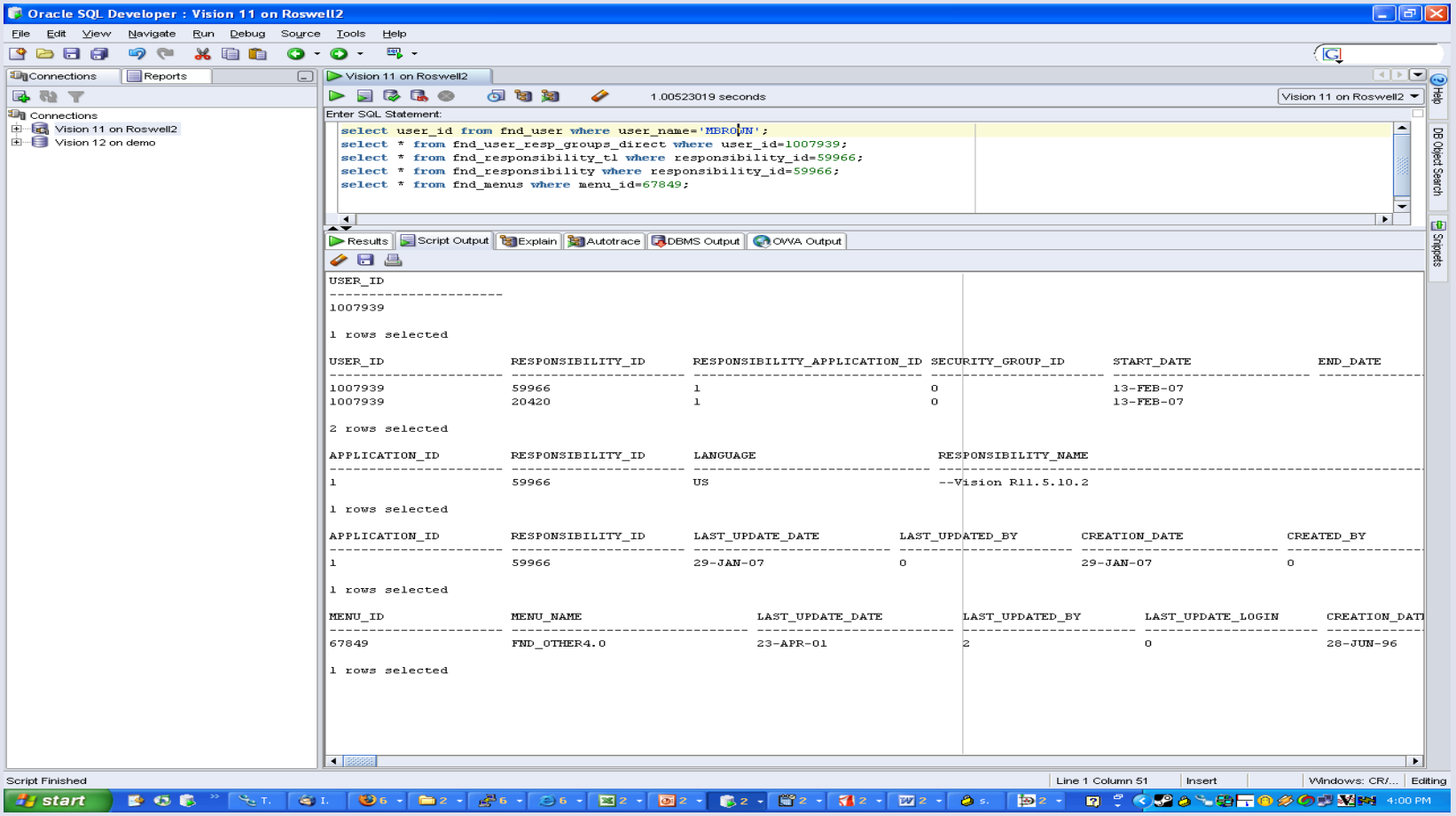
25 objects
start

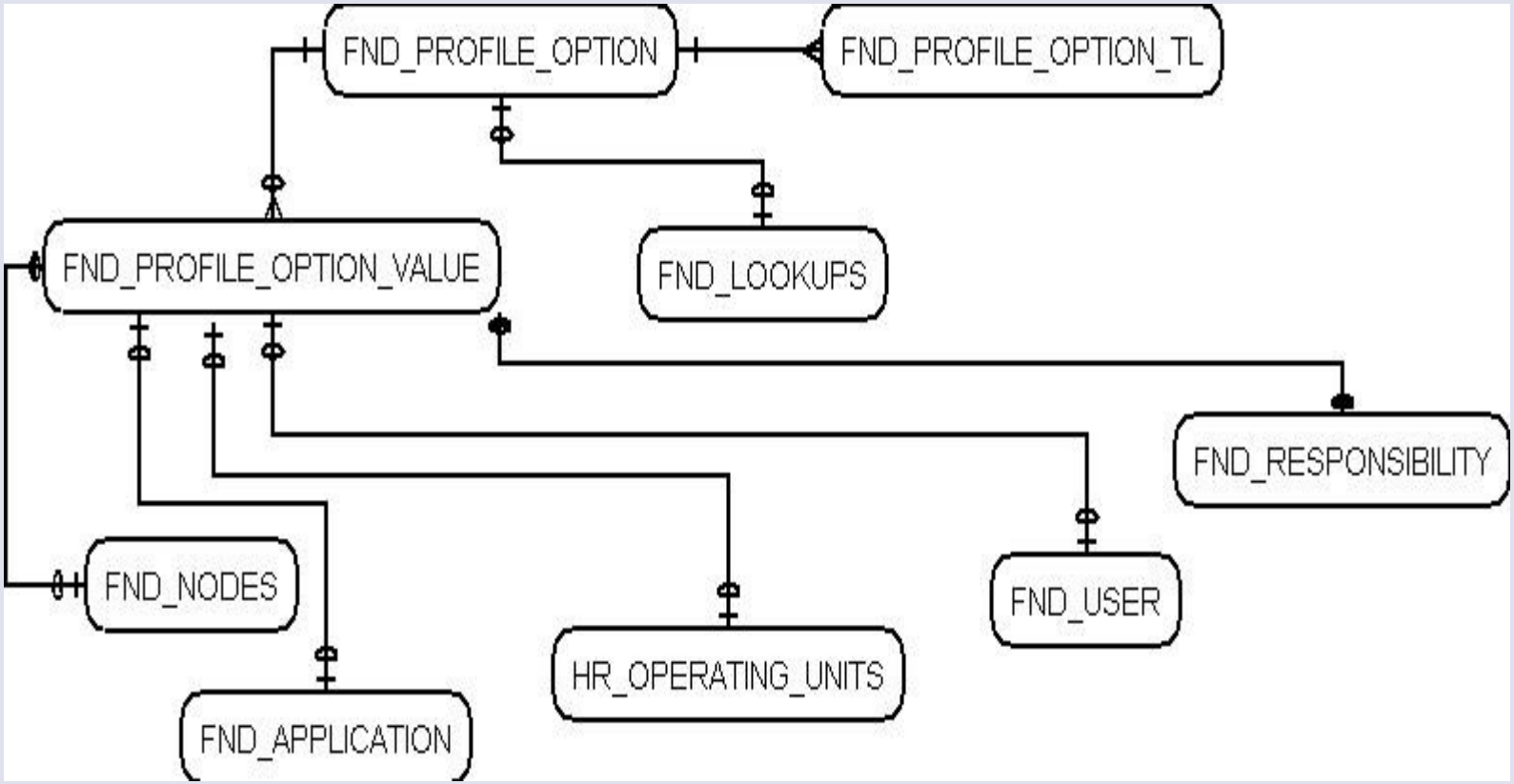

https://etrm.oracle.com - Oracle eTRM - Mozilla Firefox
ORACLE
eTRM Technical Reference
Home Help
Search
FND
DBA
https://etrm.oracle.com - FND Design Data - Mozilla Firefox
FND Design Data
View: FND_RESPONSIBILITY_VL
Product: FND - Application Object Library
Description: View of FND_RESPONSIBILITY and FND_RESPONSIBILITY_TL
Implementation/DBA Data: APPS.FND_RESPONSIBILITY_VL
View Text
SELECT /* $HEADER$ */ B.ROWID ROW_ID
, B.WEB_HOST_NAME
, B.WEB_AGENT_NAME
, B.APPLICATION_ID
, B.RESPONSIBILITY_ID
, B.RESPONSIBILITY_KEY
, B.LAST_UPDATE_DATE
, B.LAST_UPDATED_BY
, B.CREATION_DATE
, B.CREATED_BY
, B.LAST_UPDATE_LOGIN
, B.DATA_GROUP_APPLICATION_ID
, B.DATA_GROUP_ID
, B.MENU_ID
, B.START_DATE
, B.END_DATE
, B.GROUP_APPLICATION_ID
, B.REQUEST_GROUP_ID
, B.VERSION
, T.RESPONSIBILITY_NAME
, T.DESCRIPTION
FROM FND_RESPONSIBILITY_TL T
, FND_RESPONSIBILITY B
WHERE B.RESPONSIBILITY_ID = T.RESPONSIBILITY_ID
AND B.APPLICATION_ID = T.APPLICATION_ID
AND T.LANGUAGE = USERENV('LANG')
start

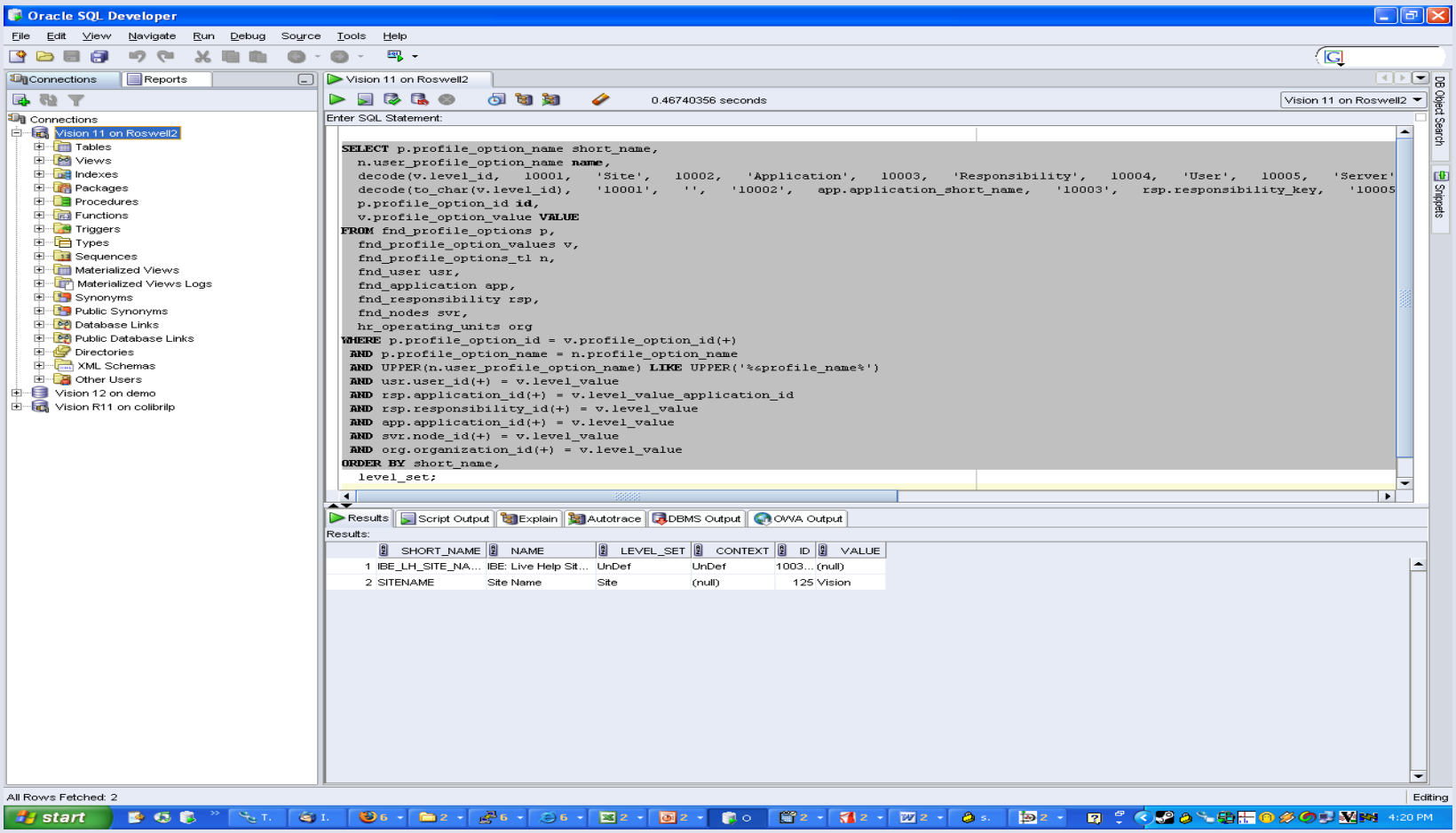
Users and Responsibilities




Oracle SQL Developer : Vision 11 on Roswell2
File Edit View Navigate Run Debug Source Tools Help
Connections Reports
Connections
Vision 11 on Roswell2
Vision 12 on demo
Vision 11 on Roswell2
1.00523019 seconds
Vision 11 on Roswell2
Enter SQL Statement:
select user_id from fnd_user where user_name='MBROWN';
select * from fnd_user_resp_groups_direct where user_id=1007939;
select * from fnd_responsibility_tl where responsibility_id=59966;
select * from fnd_responsibility where responsibility_id=59966;
select * from fnd_menus where menu_id=67849;
Results Script Output Explain Autotrace DBMS Output OWA Output
USER_ID
1007939
1 rows selected
USER_ID RESPONSIBILITY_ID RESPONSIBILITY_APPLICATION_ID SECURITY_GROUP_ID START_DATE END_DATE
1007939 59966 1 0 13-FEB-07
1007939 20420 1 0 13-FEB-07
2 rows selected
APPLICATION_ID RESPONSIBILITY_ID LANGUAGE RESPONSIBILITY_NAME
1 59966 US --Vision R11.5.10.2
1 rows selected
APPLICATION_ID RESPONSIBILITY_ID LAST_UPDATE_DATE LAST_UPDATED_BY CREATION_DATE CREATED_BY
1 59966 29-JAN-07 0 29-JAN-07 0
1 rows selected
MENU_ID MENU_NAME LAST_UPDATE_DATE LAST_UPDATED_BY LAST_UPDATE_LOGIN CREATION_DAT
67849 FND_OTHER4.0 23-APR-01 2 0 28-JUN-96
1 rows selected
Script Finished
Line 1 Column 51
Insert
Windows: CR/...
Editing
start
4:00 PM

Profiles


FND_PROFILE_OPTION
FND_PROFILE_OPTION_TL
FND_PROFILE_OPTION_VALUE
FND_LOOKUPS
FND_RESPONSIBILITY
FND_NODES
FND_USER
HR_OPERATING_UNITS
FND_APPLICATION


Oracle SQL Developer
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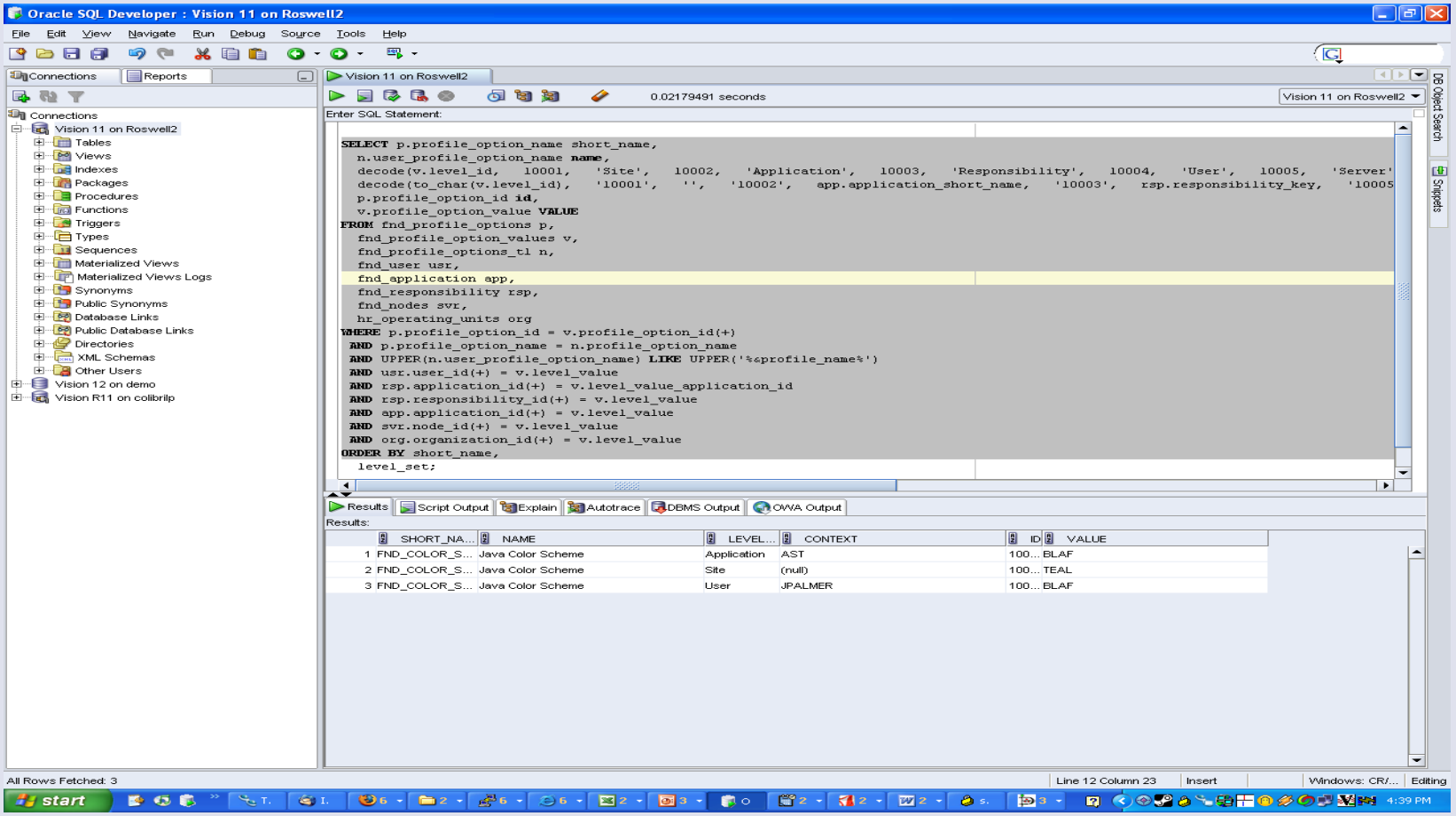
Vision 12 on demo
Vision R11 on colibrilp
0.46740356 seconds
Enter SQL Statement:
SELECT p.profile_option_name short_name,
n.user_profile_option_name name,
decode(v.level_id, 10001, 'Site', 10002, 'Application', 10003, 'Responsibility', 10004, 'User', 10005, 'Server'
decode(to_char(v.level_id), '10001', '', '10002', app.application_short_name, '10003', rsp.responsibility_key, '10005
p.profile_option_id id,
v.profile_option_value VALUE
FROM fnd_profile_options p,
fnd_profile_option_values v,
fnd_profile_options_tl n,
fnd_user usr,
fnd_application app,
fnd_responsibility rsp,
fnd_nodes svr,
hr_operating_units org
WHERE p.profile_option_id = v.profile_option_id(+)
AND p.profile_option_name = n.profile_option_name
AND UPPER(n.user_profile_option_name) LIKE UPPER('%&profile_name%')
AND usr.user_id(+) = v.level_value
AND rsp.application_id(+) = v.level_value_application_id
AND rsp.responsibility_id(+) = v.level_value
AND app.application_id(+) = v.level_value
AND svr.node_id(+) = v.level_value
AND org.organization_id(+) = v.level_value
ORDER BY short_name,
level_set;
Results
Script Output
Explain
Autotrace
DBMS Output
OWA Output
Results:
SHORT_NAME NAME LEVEL_SET CONTEXT ID VALUE
1 IBE_LH_SITE_NA... IBE: Live Help Sit... UnDef UnDef 1003... (null)
2 SITENAME Site Name Site (null) 125 Vision
All Rows Fetched: 2
Editing
start
4:20 PM


Oracle SQL Developer : Vision 11 on Roswell2
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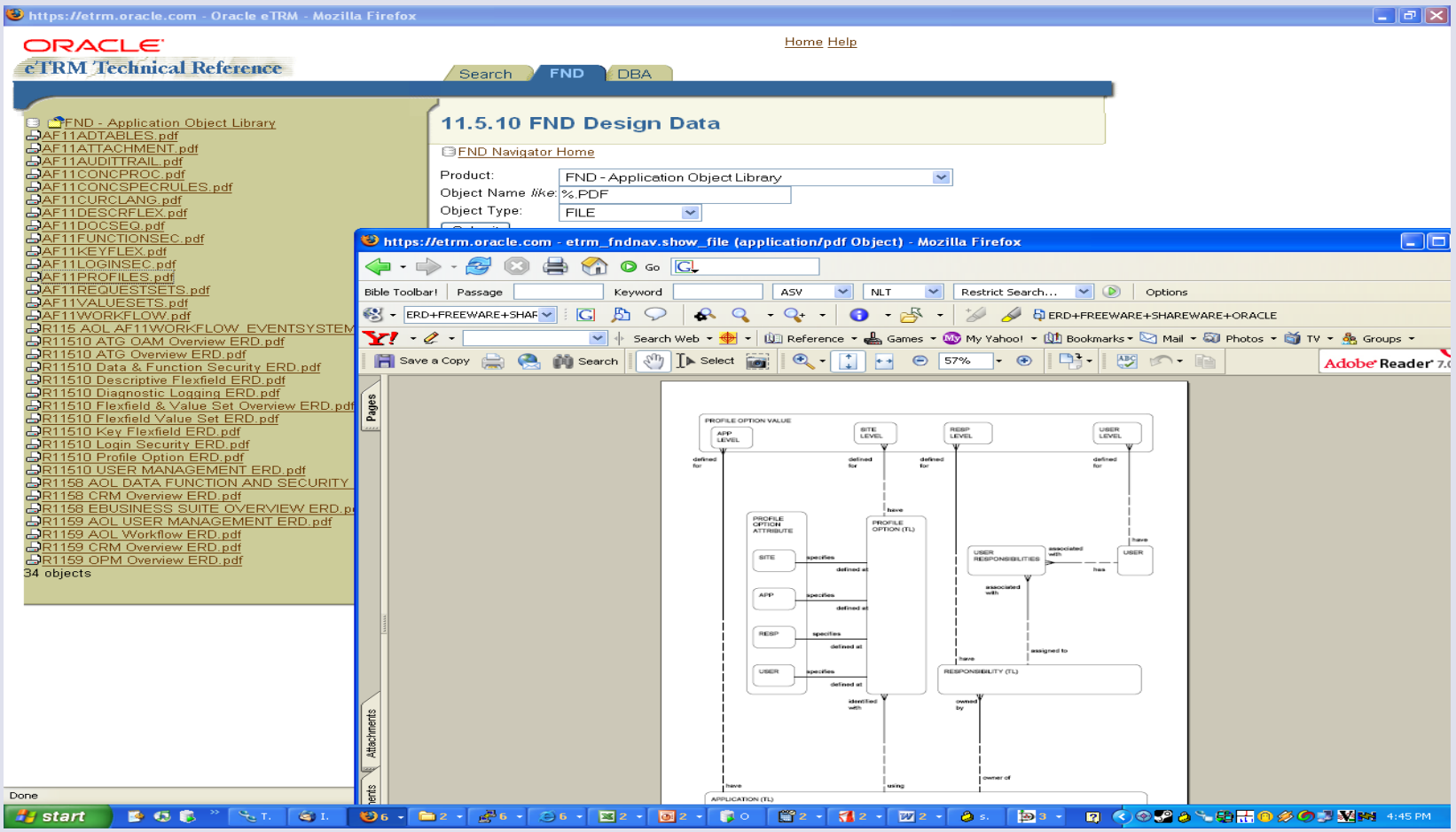
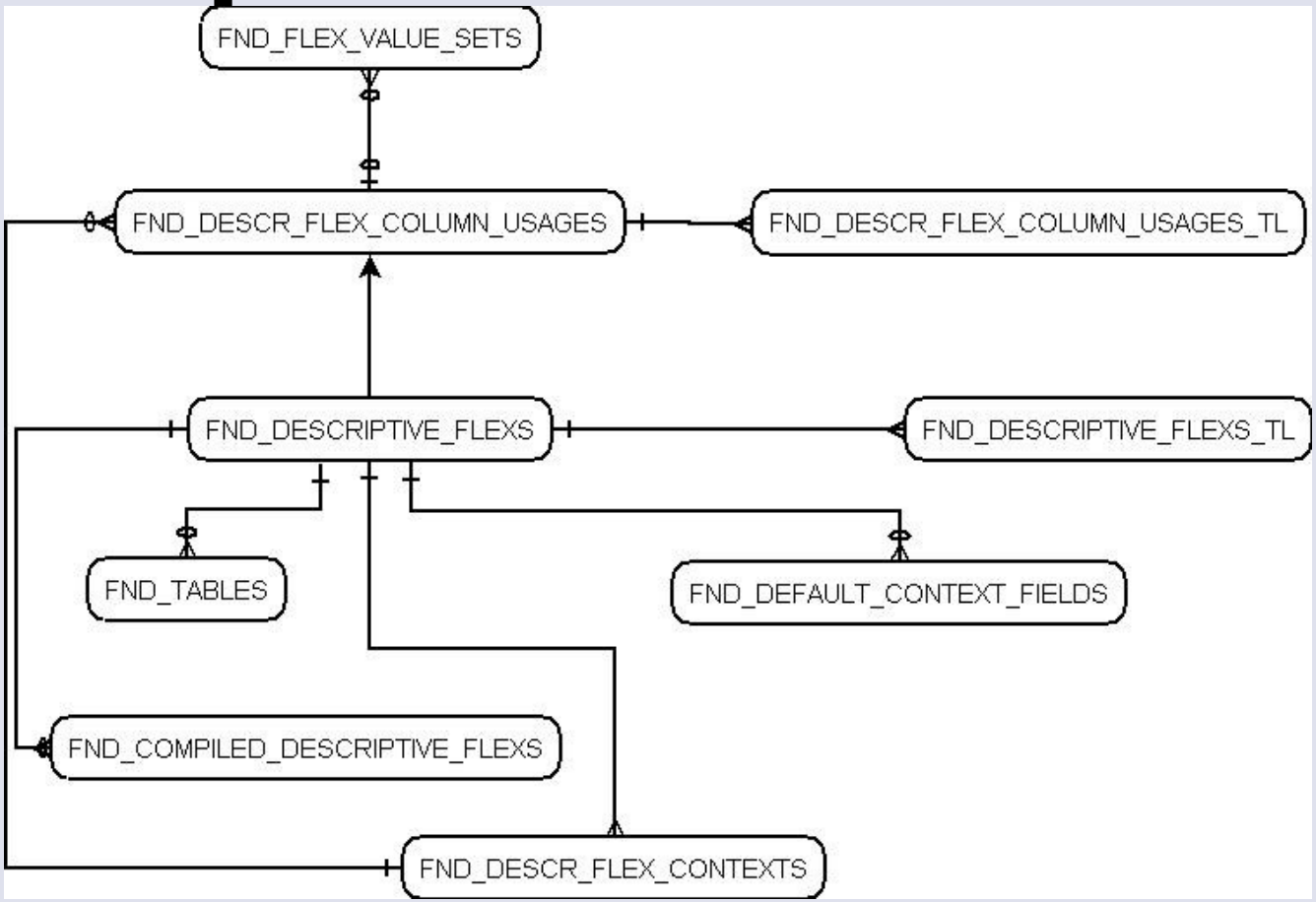
Vision 12 on demo
Vision R11 on colibrilp
Vision 11 on Roswell2
0.02179491 seconds
Vision 11 on Roswell2
Enter SQL Statement:
SELECT p.profile_option_name short_name,
n.user_profile_option_name name,
decode(v.level_id, 10001, 'Site', 10002, 'Application', 10003, 'Responsibility', 10004, 'User', 10005, 'Server'
decode(to_char(v.level_id), '10001', '', '10002', app.application_short_name, '10003', rsp.responsibility_key, '10005
p.profile_option_id id,
v.profile_option_value VALUE
FROM fnd_profile_options p,
fnd_profile_option_values v,
fnd_profile_options_tl n,
fnd_user usr,
fnd_application app,
fnd_responsibility rsp,
fnd_nodes svr,
hr_operating_units org
WHERE p.profile_option_id = v.profile_option_id(+)
AND p.profile_option_name = n.profile_option_name
AND UPPER(n.user_profile_option_name) LIKE UPPER('%&profile_name%')
AND usr.user_id(+) = v.level_value
AND rsp.application_id(+) = v.level_value_application_id
AND rsp.responsibility_id(+) = v.level_value
AND app.application_id(+) = v.level_value
AND svr.node_id(+) = v.level_value
AND org.organization_id(+) = v.level_value
ORDER BY short_name,
level_set;
Results
Script Output
Explain
Autotrace
DBMS Output
OWA Output
Results:
SHORT_NA... NAME LEVEL... CONTEXT ID VALUE
1 FND_COLOR_S... Java Color Scheme Application AST 100... BLAF
2 FND_COLOR_S... Java Color Scheme Site (null) 100... TEAL
3 FND_COLOR_S... Java Color Scheme User JPALMER 100... BLAF
All Rows Fetched: 3
Line 12 Column 23
Insert
Windows: CR/...
Editing
start
4:39 PM

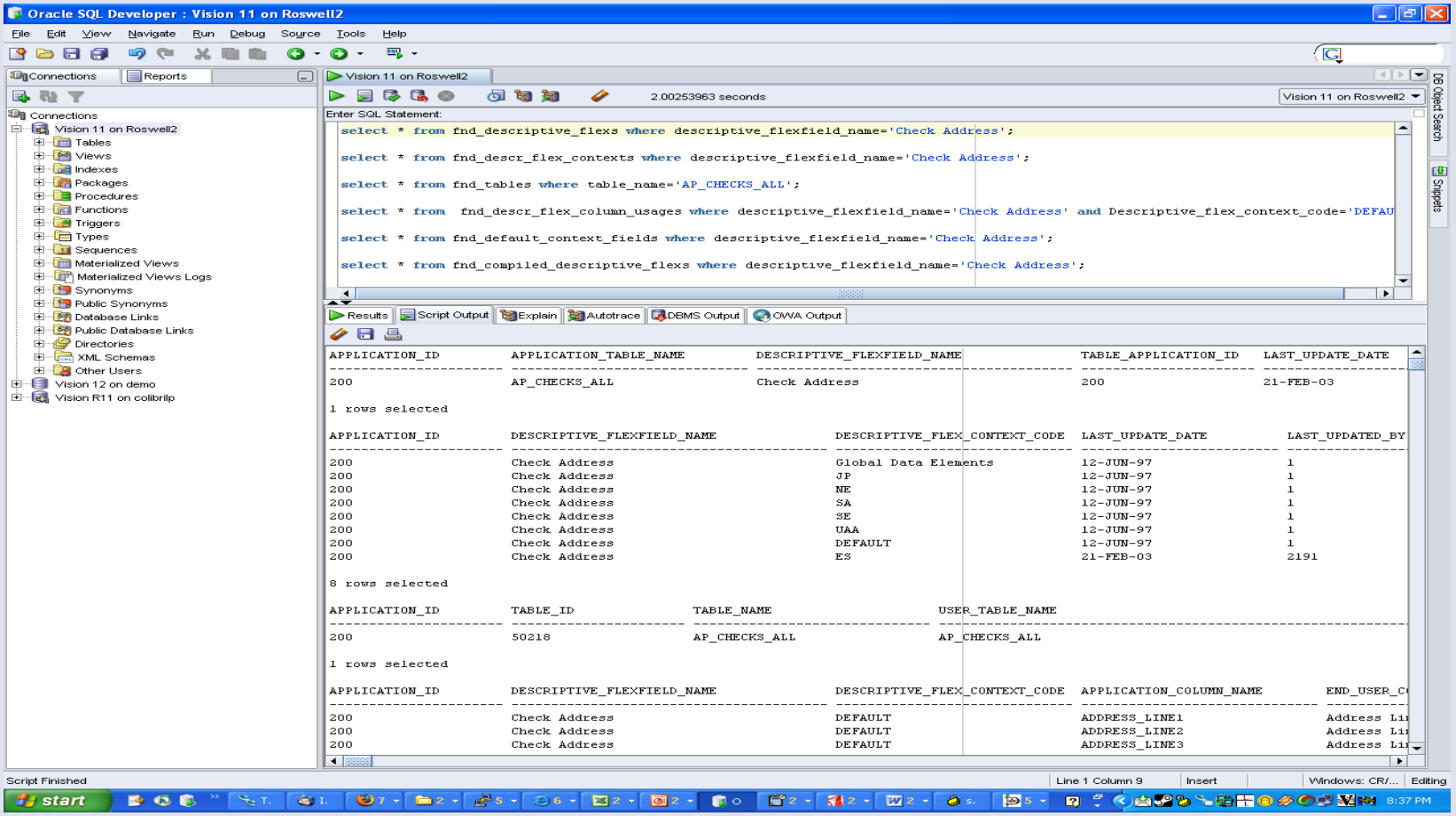

https://etrm.oracle.com - Oracle eTRM - Mozilla Firefox
ORACLE
eTRM Technical Reference
Home Help
Search
FND
DBA
FND - Application Object Library
AF11ADTABLES.pdf
AF11ATTACHMENT.pdf
AF11AUDITTRAIL.pdf
AF11CONCPROC.pdf
AF11CONCSPECRULES.pdf
AF11CURCLANG.pdf
AF11DESCRFLEX.pdf
AF11DOCSEQ.pdf
AF11FUNCTIONSEC.pdf
AF11KEYFLEX.pdf
AF11LOGINSEC.pdf
AF11PROFILES.pdf
AF11REQUESTSETS.pdf
AF11VALUESETS.pdf
AF11WORKFLOW.pdf
R115 AOL AF11WORKFLOW EVENTSYSTEM
R11510 ATG OAM Overview ERD.pdf
R11510 ATG Overview ERD.pdf
R11510 Data & Function Security ERD.pdf
R11510 Descriptive Flexfield ERD.pdf
R11510 Diagnostic Logging ERD.pdf
R11510 Flexfield & Value Set Overview ERD.pdf
R11510 Flexfield Value Set ERD.pdf
R11510 Key Flexfield ERD.pdf
R11510 Login Security ERD.pdf
R11510 Profile Option ERD.pdf
R11510 USER MANAGEMENT ERD.pdf
R1158 AOL DATA FUNCTION AND SECURITY
R1158 CRM Overview ERD.pdf
R1158 EBUSINESS SUITE OVERVIEW ERD.pdf
R1159 AOL USER MANAGEMENT ERD.pdf
R1159 AOL Workflow ERD.pdf
R1159 CRM Overview ERD.pdf
R1159 OPM Overview ERD.pdf
34 objects
11.5.10 FND Design Data
FND Navigator Home
Product: FND - Application Object Library
Object Name like: %.PDF
Object Type: FILE
https://etrm.oracle.com - etrm_fndnav.show_file (application/pdf Object) - Mozilla Firefox
Pages
Attachments
Done
start
4:45 PM

Descriptive Flexfields

- Provide customizable ”expansion space” on your forms.
- Appear as a single–character, unnamed field enclosed in brackets ([ ])

Descriptive Flexfields




Oracle SQL Developer : Vision 11 on Roswell2
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Vision 12 on demo
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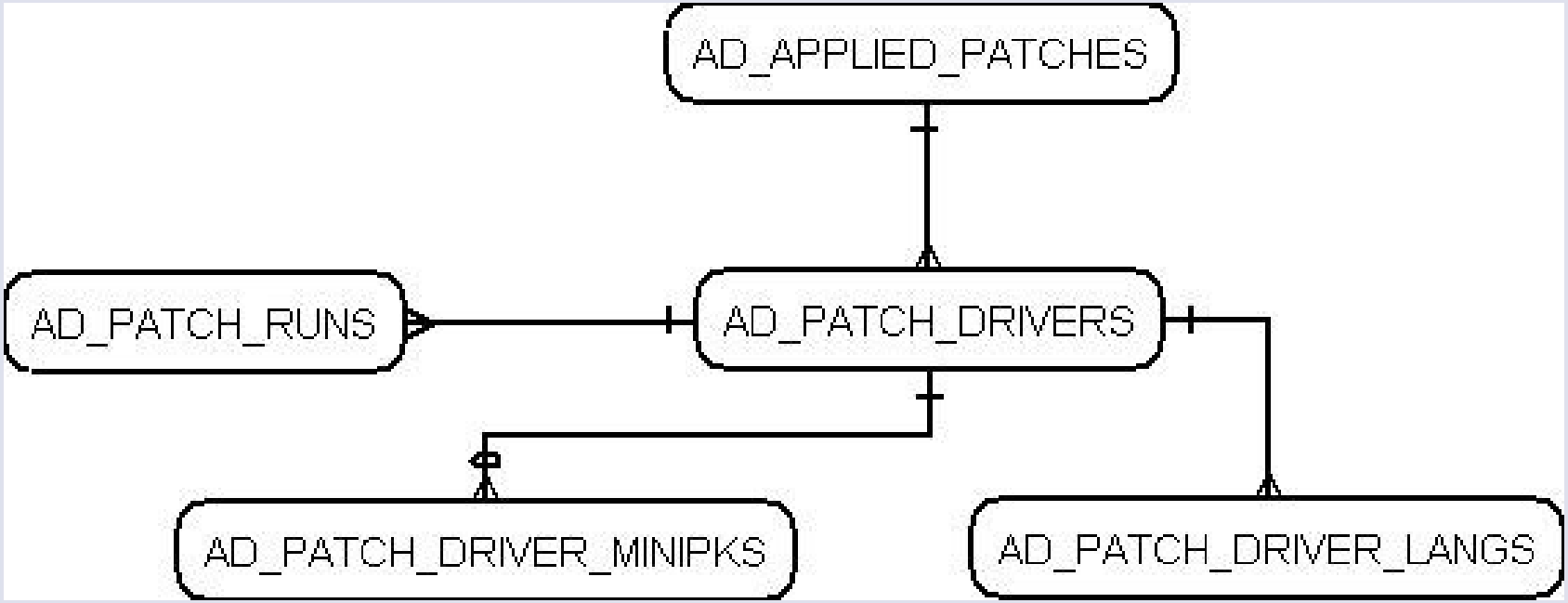
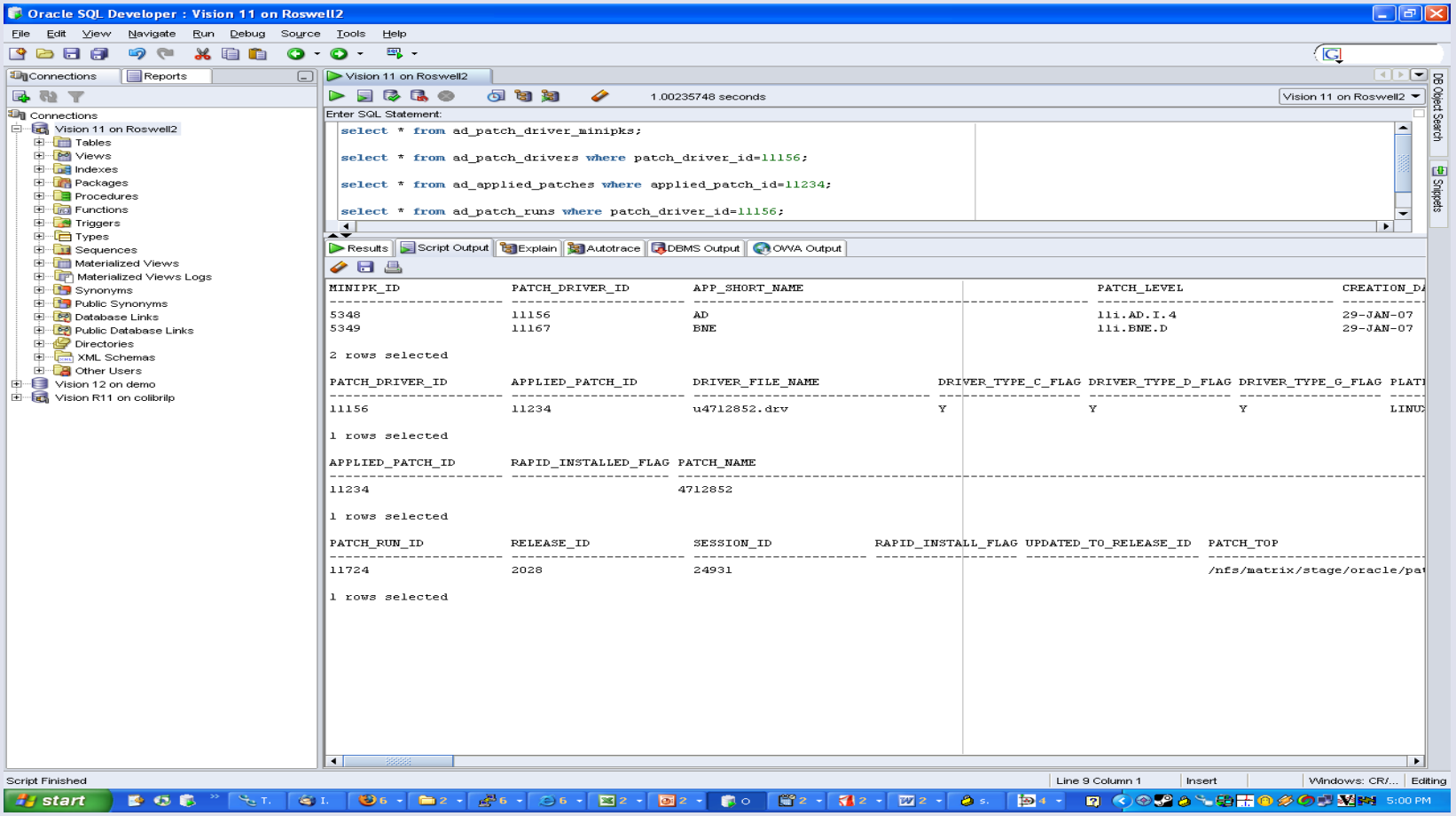
Vision 11 on Roswell2
2.00253963 seconds
Vision 11 on Roswell2
Enter SQL Statement:
select * from fnd_descriptive_flexs where descriptive_flexfield_name='Check Address';
select * from fnd_descr_flex_contexts where descriptive_flexfield_name='Check Address';
select * from fnd_tables where table_name='AP_CHECKS_ALL';
select * from fnd_descr_flex_column_usages where descriptive_flexfield_name='Check Address' and Descriptive_flex_context_code='DEFAU
select * from fnd_default_context_fields where descriptive_flexfield_name='Check Address';
select * from fnd_compiled_descriptive_flexs where descriptive_flexfield_name='Check Address';
Results
Script Output
Explain
Autotrace
DBMS Output
OWA Output
APPLICATION_ID APPLICATION_TABLE_NAME DESCRIPTIVE_FLEXFIELD_NAME TABLE_APPLICATION_ID LAST_UPDATE_DATE
200 AP_CHECKS_ALL Check Address 200 21-FEB-03
1 rows selected
APPLICATION_ID DESCRIPTIVE_FLEXFIELD_NAME DESCRIPTIVE_FLEX_CONTEXT_CODE LAST_UPDATE_DATE LAST_UPDATED_BY
200 Check Address Global Data Elements 12-JUN-97 1
200 Check Address JP 12-JUN-97 1
200 Check Address NE 12-JUN-97 1
200 Check Address SA 12-JUN-97 1
200 Check Address SE 12-JUN-97 1
200 Check Address UAA 12-JUN-97 1
200 Check Address DEFAULT 12-JUN-97 1
200 Check Address ES 21-FEB-03 2191
8 rows selected
APPLICATION_ID TABLE_ID TABLE_NAME USER_TABLE_NAME
200 50218 AP_CHECKS_ALL AP_CHECKS_ALL
1 rows selected
APPLICATION_ID DESCRIPTIVE_FLEXFIELD_NAME DESCRIPTIVE_FLEX_CONTEXT_CODE APPLICATION_COLUMN_NAME
200 Check Address DEFAULT ADDRESS_LINE1
200 Check Address DEFAULT ADDRESS_LINE2
200 Check Address DEFAULT ADDRESS_LINE3
DB Object Search
Snippets
Script Finished
Line 1 Column 9
Insert
Windows: CR/...
Editing
start
8:37 PM

Patches

- Actually part of Applications DBA, not AOL
- Patches should all be recorded in Database, but enough issues that Oracle no longer checks prerequisites against the database by default

Patches


AD_APPLIED_PATCHES
AD_PATCH_RUNS
AD_PATCH_DRIVERS
AD_PATCH_DRIVER_MINIPKS
AD_PATCH_DRIVER_LANGS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Vision R11 on colibrilp
Vision 11 on Roswell2
1.00235748 seconds
Vision 11 on Roswell2
Enter SQL Statement:
select * from ad_patch_driver_minipks;
select * from ad_patch_drivers where patch_driver_id=11156;
select * from ad_applied_patches where applied_patch_id=11234;
select * from ad_patch_runs where patch_driver_id=11156;
Results
Script Output
Explain
Autotrace
DBMS Output
OWA Output
MINIPK_ID PATCH_DRIVER_ID APP_SHORT_NAME PATCH_LEVEL CREATION_DA
5348 11156 AD 11i.AD.I.4 29-JAN-07
5349 11167 BNE 11i.BNE.D 29-JAN-07
2 rows selected
PATCH_DRIVER_ID APPLIED_PATCH_ID DRIVER_FILE_NAME DRIVER_TYPE_C_FLAG DRIVER_TYPE_D_FLAG DRIVER_TYPE_G_FLAG PLATI
11156 11234 u4712852.drv Y Y Y LINU
1 rows selected
APPLIED_PATCH_ID RAPID_INSTALLED_FLAG PATCH_NAME
11234 4712852
1 rows selected
PATCH_RUN_ID RELEASE_ID SESSION_ID RAPID_INSTALL_FLAG UPDATED_TO_RELEASE_ID PATCH_TOP
11724 2028 24931 /nfs/matrix/stage/oracle/pat
1 rows selected
DB Object Search
Snippets
Script Finished
Line 9 Column 1
Insert
Windows: CR/...
Editing
start
5:00 PM

Useful Cloning Trick

Note: Actual Profile Option Id values must be determined for your instance.

```
alter session set nls_date_format='MM/DD/YY HH24:MI';
update apps.fnd_profile_option_values
set profile_option_value='IDENTIFIER '||(select
   rtrim(ltrim(instance_name)) from v$instance)||'
   (Cloned from PROD on '||&&SYSDATE||')'
where application_id=0
and level_id=10001
and profile_option_id=125
/
```

Script (Cont)

```
update fnd_responsibility_tl
set responsibility_name='--IDENTIFIER '||
  (select rtrim(ltrim(instance_name))
  from v$instance)||' (Cloned from PROD
  on '||&&SYSDATE||')'
where responsibility_name like '--%'
/
update apps.fnd_profile_option_values
set profile_option_value='TEAL'
where application_id=0
and level_id=10001
and profile_option_id=5785
/
```

Script (Cont)

```
update apps.fnd_profile_option_values
set profile_option_value='PURPLE'
where application_id=0
and level_id=10001
and profile_option_id=5785
and (select rtrim(ltrim(instance_name))
  from v$instance)='TEST'
/
```

Note: Actual Profile Option Id values must be determined for your instance.

Questions