BMIS441-Data Base Management Professor Chen

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# Brief Tutorial for Oracle® 11g – Express Edition (APEX)

With help from: Stipp de Souza, Daniel

## **APEX Installation**

Click the following link to access the software (if unavailable, please search from oracle.com) http://www.oracle.com/technetwork/database/database-technologies/expressedition/downloads/index.html

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ORACLE

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choose pestination rocation	i	
Select folder where setup will ins	tall files.	CATAS
Setup will install Oracle Databas	e 11g Express Edition in the follo	wing folder.
To install to this folder, click Nex another folder.	t. To install to a different folder, o	lick Browse and select
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Review settings before pro	ceeding with the installation.	CATABAS EXPRESS FORTIO
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ataliShield —		r.
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	InstallShield Wizard Complete	
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ORACLE DATABASE EXPRESS EDITION	Setup has finished installing Oracle Database Edition on your computer.	11g Express

You <u>must</u> restart the computer to confirm the Oracle APEX installation and settings. You then click on the following icon.



Home	Storage	Sessions	Parameters	Application Express	
Storage					Storage >
√iew curre	ntly used storage	ge.			
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Application	on Express				Application Express >
Get started	d with Oracle Ap	oplication Express	2		

Enter Login information (the information you provided during the installation)

sername	sys	
assword		Login

You may "click" on the space and then simply select 'sys' the password will be prompted automatically.

Login	
Username	
Password	Login
Login as a database user which has been granted the DBA da	atabase role (for example, SYSTEM).

Click on "Login" to confirm login information.

Login		
Username	sys	
Password	•••••	Login
Login as a d	latabase user which has been granted the DBA da	atabase role (for example, SYSTEM).

You need to "Create Workspace" the <u>first</u> time by providing a Database Username (e.g., Test) and repeat the Username and Password to confirm the action.

		Cancel Create Workspa
Database User	Create New     Create New     Use Existing	<b>N</b>
* Database Username	Test	1 Create New Database
Application Express Username	sys	2. Put a name
* Password		3. Confirm the password 4. Click "Create Workspace"
* Confirm Password		n ener erente freihepute

Please note that if the Workspace has been created previously, you should select "Use Existing" and enter Login information. You then select "Already has an account? Login Here" button.



#### **SQL** Developer



If it is your first time that you are using Oracle application, you must have to download the JDK 7 first, otherwise you can download the SQL Developer first.

If you use Windows 64 bits, it is not necessary to download the JDK 7. So, you can download the SQL Developer with pre-requirements.

Obs. Does not forget to accept the License agreement.

RACLE		
Sign In		Don't have an
Forgot Username? Password	1. Put your Username and Password	A free Oracle Account? A free Oracle Account gives you access to Oracle online applicatio and services, support, events, communities, and more
Forgot Password?		Create Account
Need Help?	2. Click "Sign In"	

When the download finish, you will do the same that you did with APEX installation. Extract the files.

Then, you will open the folder.

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And create a shortcut in the Desktop in order to access easily in the next time.

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On the Desktop, open the SQL Developer.

The SQL Developer does not require installation, so just open it.



	Confirm Import Preferences	×	
Would you like to import preferences from a previous SQL Developer installation?           Please select a previous version from which preferences will be copied to the current installation (4.0.3.16.84)           << Hide <u>A</u> ll Installations			
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	Yes <u>N</u> o		

Click "No"

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Click in Test, Save and then connect.

### **SQL PLUS**

In order to open the SQL PLUS, you can access by going to Program Files -> Oracle Database 11g Express Edition -> Run SQL Command Line

OR

You can type "Run SQL Command Line" on the Windows search.

To connect, it is necessary write the command "connect" and then use the user-name "system" and your password that you created during the APEX installation.



Now you are able to make spool files.

## **External Access (optional)**



Execute this command:

EXEC DBMS\_XDB.SETLISTENERLOCALACCESS(FALSE);



The Next step is to open the port on the Windows Firewall

Open Control Panel





Acti	ions
Inb	ound Rules
<b>i</b> 13	New Rule
V	Filter by Profile
$\nabla$	Filter by State

Rule Type   Select the type of frewall rule to create   • Nate Type   • Action   • Protice   • Protice   • Name   • Public that controls connections for a program.   • Name   • Public that controls connections for a TCP or UDP port.   • Protice   • Back   • Destination   • Cancel     • Name     • New Inbound Rule Wizard     • New Inbound Rule Wizard     • Note on rule.     • Protocol and Ports   • Specific the substapping to TCP or UDP?   • Protice   • Note Type   • Note Type   • Note Type   • Note Type   • Dest this rule apply to TCP or UDP?   • Protice   • Note Type   • Note Type </th <th><b>@</b></th> <th>New Inbound Rule Wizard</th>	<b>@</b>	New Inbound Rule Wizard
Select the type of frewall rule to create :  Step:  Attion Protocol and Ports Protocol an	Rule Type	
Step::::::::::::::::::::::::::::::::::::	Select the type of firewall rule to c	reate.
Reack Next > Cancel     C	Steps: Protocol and Ports Action Profile Name	What type of rule would you like to create?  Program Rule that controls connections for a program.  Pgt Rule that controls connections for a TCP or UDP port.  Prgdefined: BranchCache - Content Retrieval (Uses HTTP) Rule that controls connections for a Windows experience.  Qustom Custom rule.
Steps:       Does this rule apply to TCP or UDP?         Protocol and Ports       ICP         Action       UDP         Profile       Does this rule apply to all local ports or specific local ports?         All local ports:       8080         Example: 80, 443, 5000-5010	Protocol and Ports	Kext > Cancel           New Inbound Rule Wizard
Steps:       Does this rule apply to TCP or UDP?         Protocol and Ports       ① ICP         Action       ① UDP         Profile       Output         Name       Does this rule apply to all local ports or specific local ports?         All local ports       ③ Specific local ports:         8080       Example: 80, 443, 5000-5010	Specify the protocols and ports to	which this rule applies.
	Steps: Protocol and Ports Action Profile Name	Does this rule apply to TCP or UDP?

	New Inbound Rule Wizard
Action	
Specify the action to be taken whe	en a connection matches the conditions specified in the rule.
Steps:	
Rule Type	What action should be taken when a connection matches the specified conditions?
Protocol and Ports	Allow the connection
Action	This includes connections that are protected with IPsec as well as those are not.
<ul> <li>Profile</li> <li>Name</li> </ul>	O Allow the connection if it is secure
• Name	This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node.         Customize         Block the connection
<b>**</b>	New Inbound Rule Wizard
Profile	
Specify the profiles for which this h	ule applies.
Steps:	
Bule Type	When does this also apply?
Protocol and Ports	When does this rule apply?
<ul> <li>Protocol and Ports</li> <li>Action</li> </ul>	When does this rule apply?
Protocol and Ports     Action     Profile	When does this rule apply? <b>Domain</b> Applies when a computer is connected to its corporate domain.

<b>a</b>	New Inbound Rule Wizard	×
Name Specify the name and description of this	s rule.	
Specify the name and description of this Steps: Protocol and Ports Action Profile Name	s rule.          Name:       Oracle XE         Description (optional):	
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To check the name of your computer, go to My Computer



Computer name:	Danie_Stipp
Full computer name:	Danie_Stipp
Computer description:	
Workgroup:	WORKGROUP

So, the external link will be:

http://<Computer name>:8080/apex/

http://DANIE\_STIPP:8080/apex/ (this case)