

## Oracle 10g XE Quick Install Guide

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### System Requirements:

Before installing the Oracle XE database, make sure that your computer meets the following system requirements:

- A. Minimum of 1.6 GB of free space on the hard disk
- B. Operating System: Windows 2000 (SP4), 2003 (SP1), XP Pro (SP2)
- C. Pentium 4 or CPU running at 1.8 GHz or faster
- D. 1GB of RAM or more recommended.

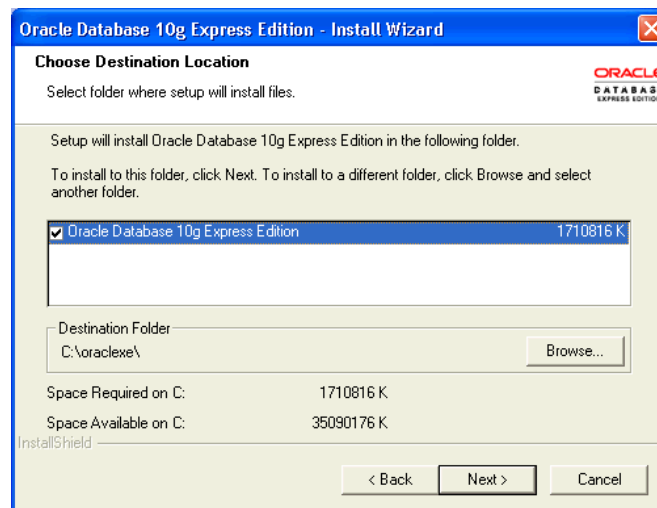
[Note: The Oracle XE machine may have 512 MB RAM for small (less than 10 users) NTS systems. Larger NTS systems may wish to consider 2 GB of RAM for Oracle XE, particularly if this PC runs other NTS processes like the Telephony Server]

### Where to obtain Oracle 10g XE:

If you were shipped an NTS CD you will find it in root directory in a folder named **Oracle XE**. You may also obtain it by clicking this link: <ftp://ftp.nextalk.com/pub/OracleXE.exe> :

### Database Installation:

1. In the Oracle Database 10g Express Edition - Install Wizard welcome window, click **Next**.
2. In the License Agreement window, select I accept and then click **Next**.
3. In the Choose Destination Location window, accept the default then click **Next**.



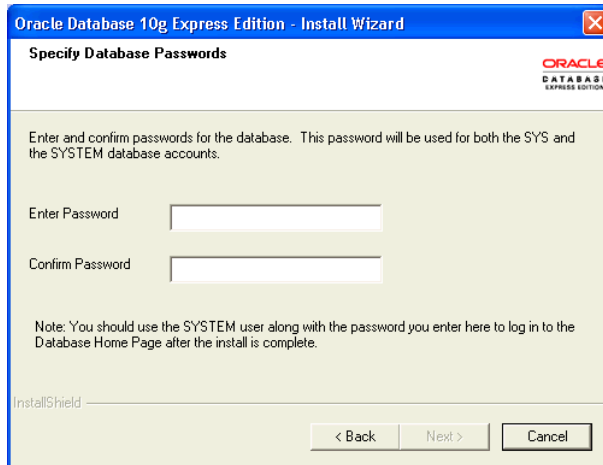
- If you are prompted for a port number, then specify one.

The following port numbers are the default values:

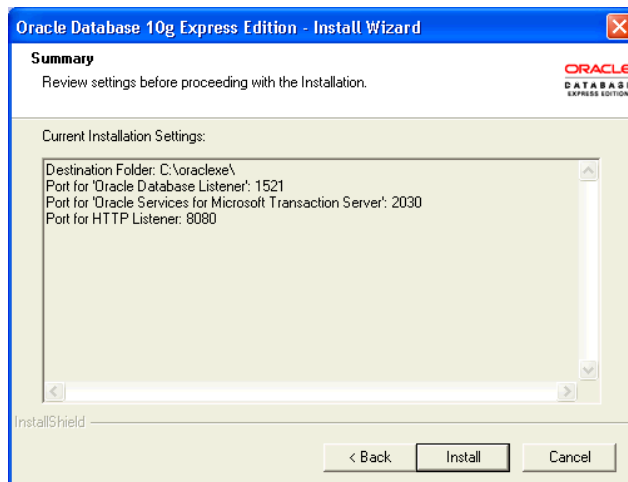
- 1521: Oracle database listener
- 2030: Oracle Services for Microsoft Transaction Server
- 8080: HTTP port for the Oracle Database XE graphical user interface

If these port numbers are not currently used, then the installation uses them automatically without prompting you. If they are in use, then you will be prompted to enter an available port number.

- In the Specify Database Passwords window, enter **password** as the password to use for the **SYS** and **SYSTEM** database accounts. Then click **Next**.



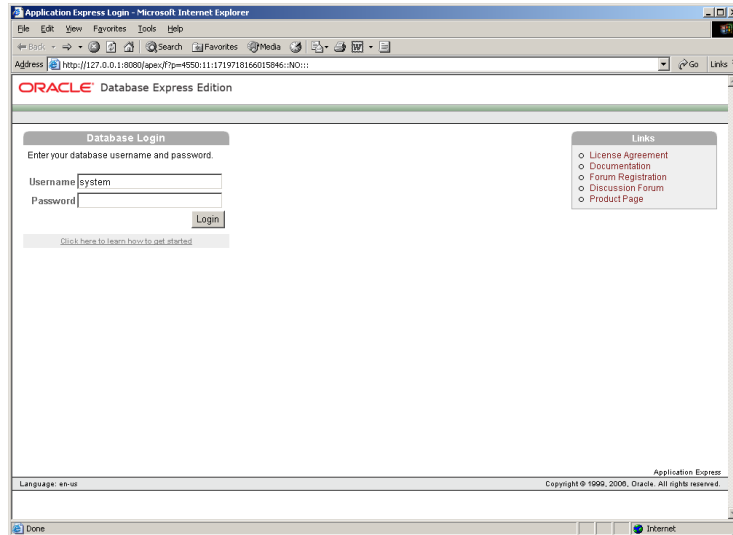
- In the Summary window, review the installation settings, and if you are satisfied, click **Install**. Otherwise, click **Back** and modify the settings as necessary.



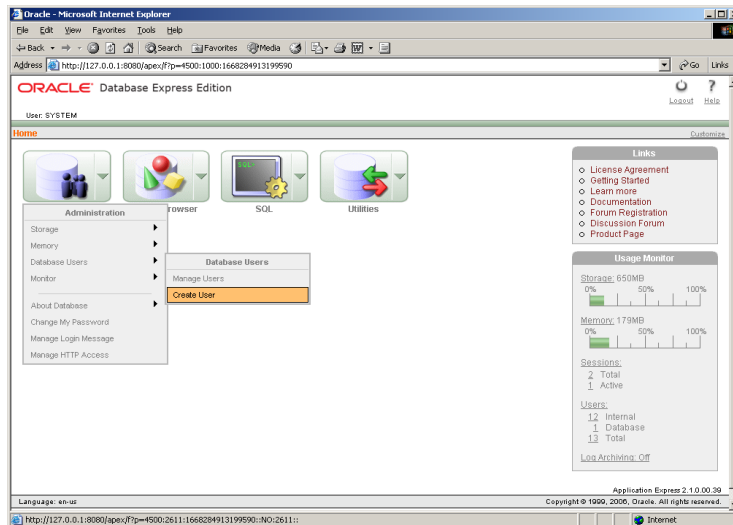
- In the InstallShield Wizard Complete window, to display the Database Home Page, click **Launch** the Database homepage. Then click **Finish**.

## Database User Setup:

- Enter **System** as the username then enter the password for that user. Then click **Login**.



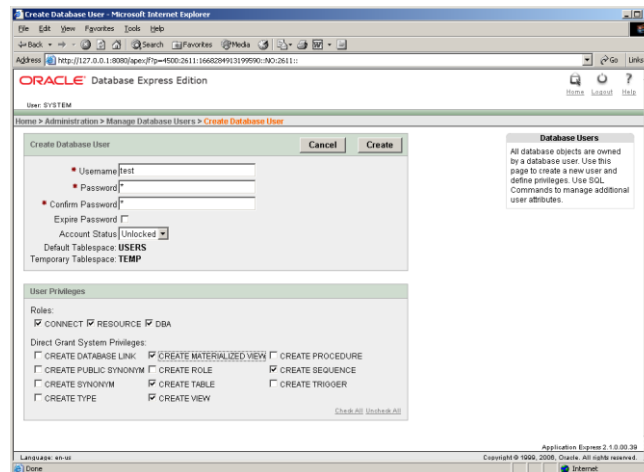
- Click the down arrow on the **Administration** object and highlight **Database User**, then click on **Create User**.



- In the **Create Database User** section, enter **NTS** as the username and **password** as the password.

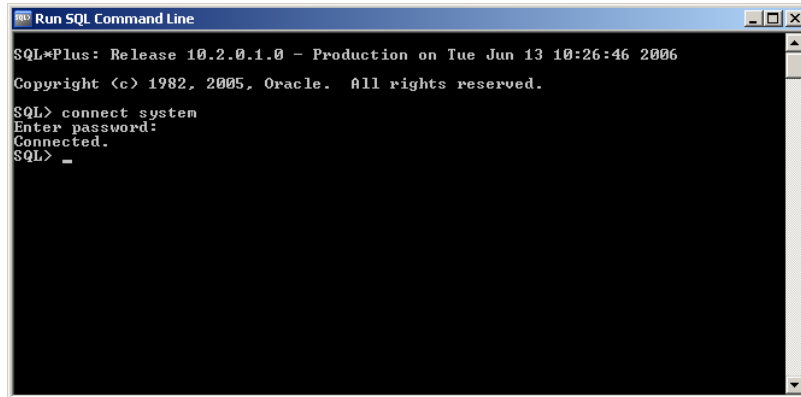
11. In the **User Privileges** section, put a check in the following boxes:

- **Connect**
- **Resource**
- **DBA**
- **Create Materialized View**
- **Create Table**
- **Create View**
- **Create Sequence**



Then Click **Create** and close the Oracle administration window.

12. Click the **Start** button > **All Programs** > **Oracle Database 10g Express Edition** > **Run SQL Command Line**. This will open a command line window similar to Window Command Prompt.
13. Type **Connect System**. Then Enter **Password** as the password. When you are connected you will see a window identical to the one below. You should see “Connected” as shown.



```
Run SQL Command Line
SQL*Plus: Release 10.2.0.1.0 - Production on Tue Jun 13 10:26:46 2006
Copyright (c) 1982, 2005, Oracle. All rights reserved.
SQL> connect system
Enter password:
Connected.
SQL> _
```

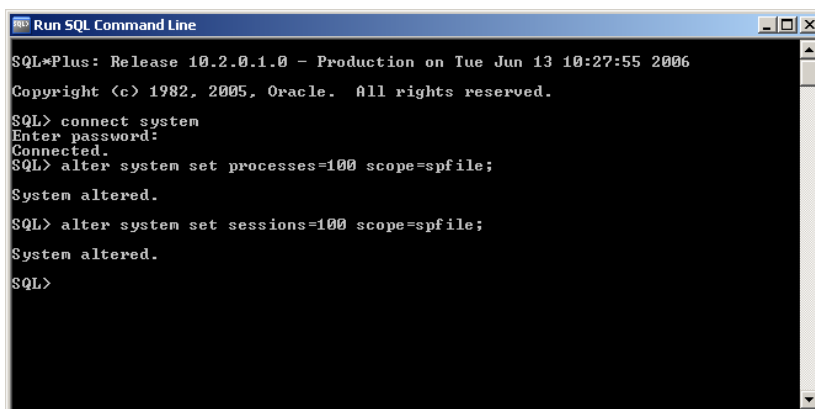
14. Once connected Type: **alter system set processes=100 scope=spfile;** then hit **Enter**. If entered correctly you will see a **System Altered** message.

[Note: To avoid typos, it is suggested that you copy/paste the text above from this document into the command window above. To do this, highlight the text here (including the semi-colon at the end), press <control>C, then in the SQL command window above, click on the upper left icon and choose Edit, Paste.]

15. Now in the SQL command window type: **alter system set sessions=100 scope=spfile;** then hit **Enter**.

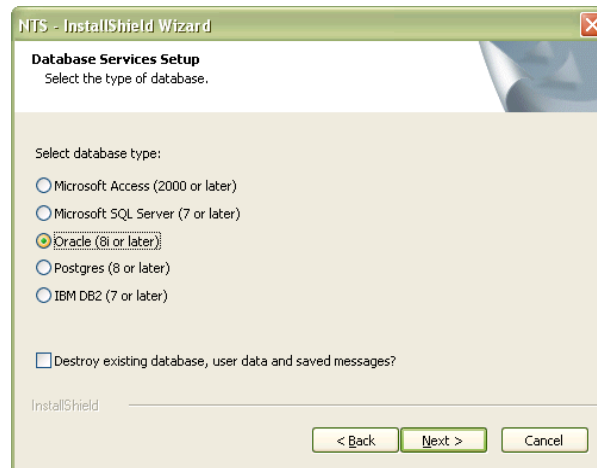
[Note: In the SQL command window, you may wish to hit the up arrow to duplicate the line above, then edit the line to replace “processes” with “sessions”. Then press Enter. Again, you should see the **System Altered** message.

You may now type **Quit** to close the **Run SQL Command Line** window.



```
Run SQL Command Line
SQL*Plus: Release 10.2.0.1.0 - Production on Tue Jun 13 10:27:55 2006
Copyright (c) 1982, 2005, Oracle. All rights reserved.
SQL> connect system
Enter password:
Connected.
SQL> alter system set processes=100 scope=spfile;
System altered.
SQL> alter system set sessions=100 scope=spfile;
System altered.
SQL>
```

16. You should now reboot the PC. The settings above will typically not take effect until a system reboot.
17. You should now verify that Oracle XE is running and the settings above are active.  
Go to the Oracle XE administration page [Click the **Start** button > **All Programs** > **Oracle Database 10g Express Edition** > **Go To Database Home Page** . On this page, log in with a username of **System** and a password of **password** . Click on the Administration drop-down button, then mouse over to “About Database”, then “Parameters”. Once the Database Parameters appear, scroll down and verify that sessions=115 and processes=100. If these values appear, then you are ready to move on to the next step and install NTS itself. Please refer to the **NTS Quick Install Guide** to continue the NTS install. You will need to refer back to this current guide when you reach the form shown below.
18. Begin installation of NTS-6.
19. In the installation of NTS, when you reach the form below, then select **Oracle** then click **Next**.

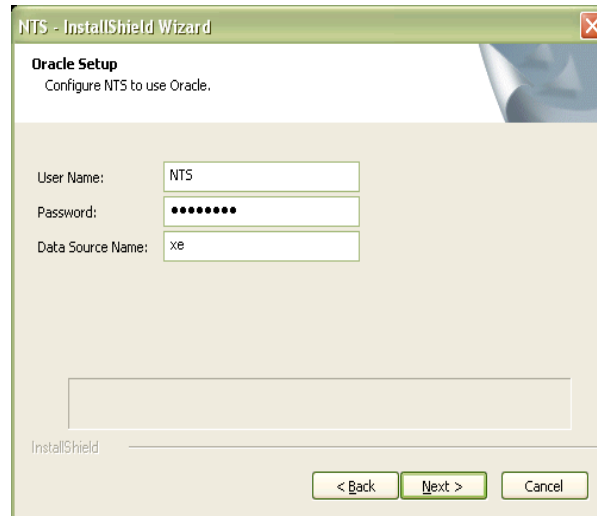


20. On the **Oracle Setup** window type in the following:

**Username:** NTS

**Password:** password

**Data Source Name:** xe



Then click **Next**.

NTS will now setup the Oracle database tables. Please continue with the next step in the install guide to complete the NTS install.

When the installation of NTS completes, then you should be able to log in the NTS client software as “nxiadmin” with a password of “password”.

If you cannot log in the “nxiadmin” client, then first reboot the PC and try again. If this does not cure the problem, then contact NXi’s tech support.

For further information and review of the Oracle XE database :

Please click on this link, <http://www.oracle.com/pls/xe102/homepage>. We recommend that you read the 2 Day DBA guide for further information on how to administer Oracle XE. NXi recommends that all NTS sites regularly back up the NTS database and store this database in a secure location for system recovery purposes.

**End of Document**