

Install Oracle Database 18c Express and Oracle Apex 18.2 / PL/SQL Gateway / Windows 10

In this tutorial I going to show you how to install **Oracle 18c Express** and **Oracle Apex 18.2** into **Windows**

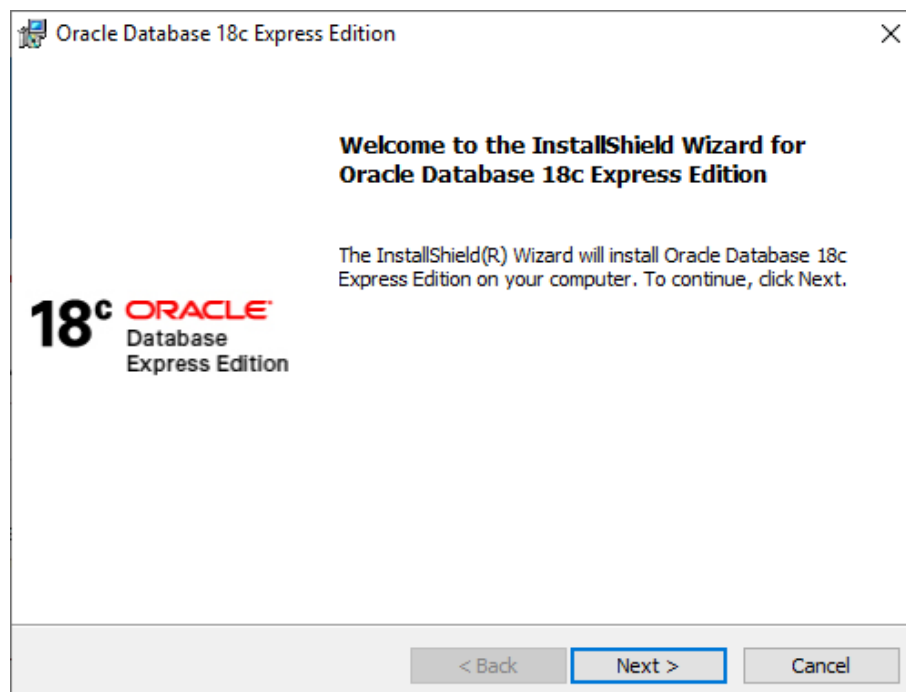


We need to know since version Oracle 12, exists the concepts of plug-gable databases and containers. So first download oracle database and oracle apex:

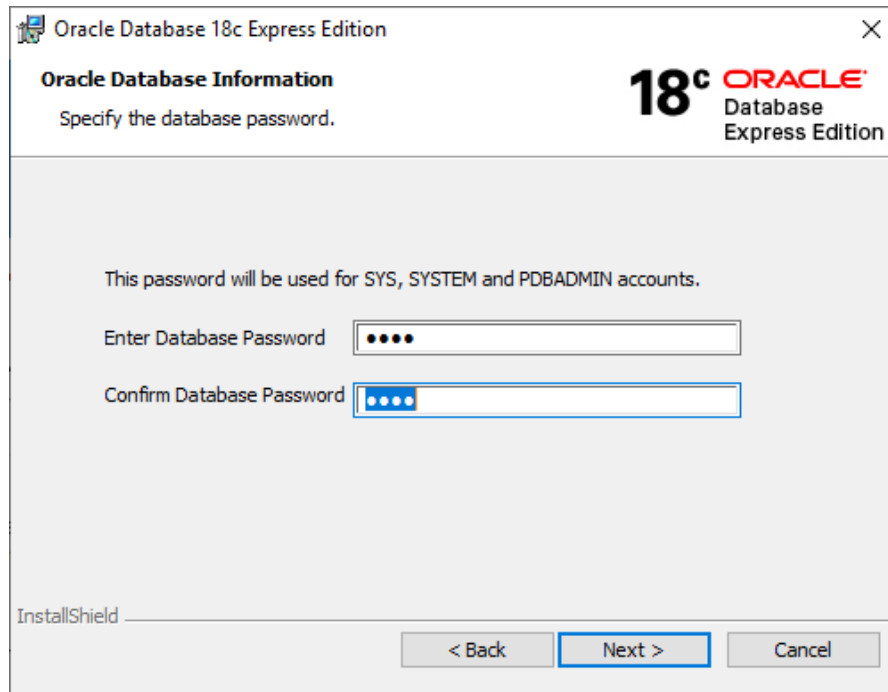
[Oracle Database Express Edition \(XE\) Release 18.4.0.0.0 \(18c\)](#)

[Oracle APEX Release 18.2.0.00.12](#)

Use the setup and next.



We need to provide and remember the passwords of sys, system y PDBADMIN



Oracle Database 18c Express Edition

Oracle Database Information
Specify the database password.

18^c ORACLE[®]
Database
Express Edition

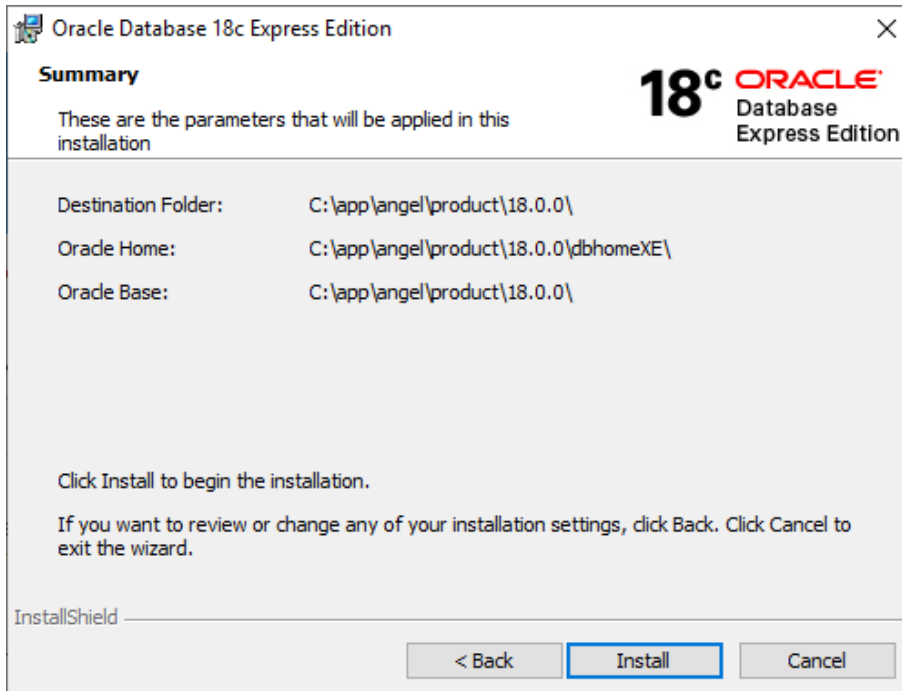
This password will be used for SYS, SYSTEM and PDBADMIN accounts.

Enter Database Password

Confirm Database Password

InstallShield

< Back Next > Cancel



Oracle Database 18c Express Edition

Summary
These are the parameters that will be applied in this installation

18^c ORACLE[®]
Database
Express Edition

Destination Folder:	C:\app\angel\product\18.0.0\
Oracle Home:	C:\app\angel\product\18.0.0\dbhomeXE\
Oracle Base:	C:\app\angel\product\18.0.0\

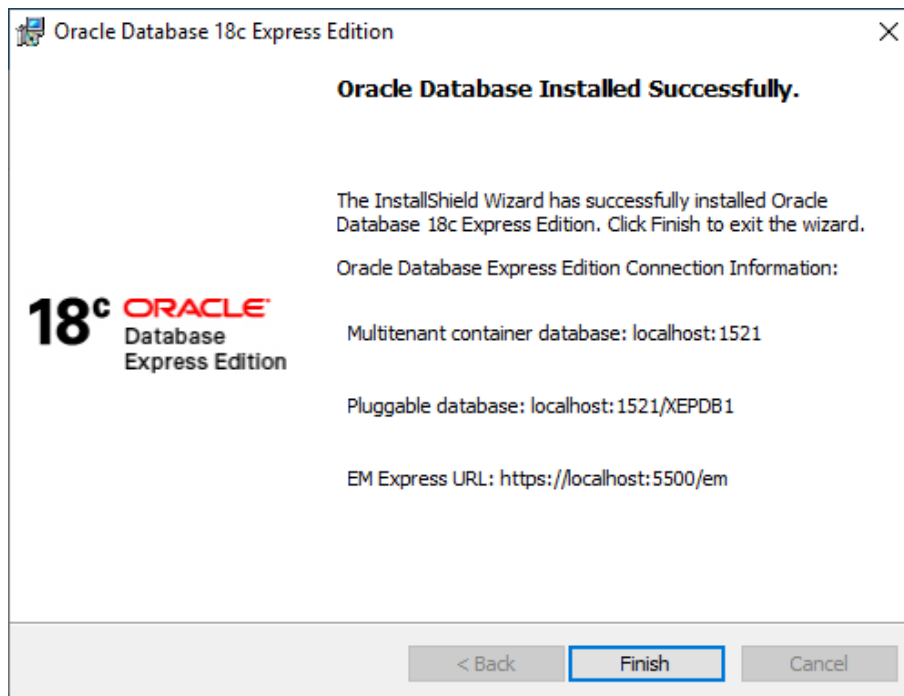
Click Install to begin the installation.

If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.

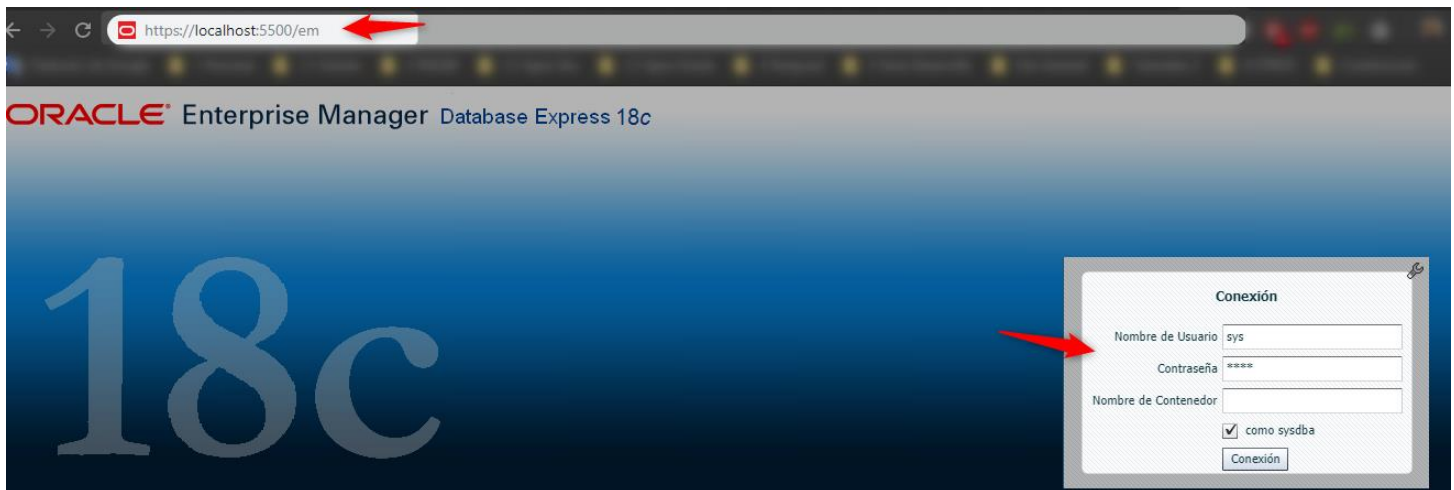
InstallShield

< Back Install Cancel

Finally we will have the URLs where we can access to the database
So, here I have some troubles to access because my listener was stopped.



The URL for access is: **https://localhost:5500/em**



If you have problems to access. Check using

lsnrctl status

```
C:\WINDOWS\system32>lsnrctl status

LSNRCTL for 64-bit Windows: Version 18.0.0.0.0 - Production on 03-MAR-2019 17:19:21

Copyright (c) 1991, 2018, Oracle. All rights reserved.

Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=LocalMachine.domain.name)(PORT=1521)))
STATUS of the LISTENER
-----
Alias                     LISTENER
Version                  TNSLSNR for 64-bit Windows: Version 18.0.0.0.0 - Production
Start Date               03-MAR-2019 16:50:53
Uptime                   0 days 0 hr. 28 min. 33 sec
```

If the listener is stopped, you can start using:

lsnrctl start

This point is very important.

First we going to check the current pdbs, connect to sqlplus as execute **show pdbs**, it must the display the correct mode, read only and read write.

```
Windows PowerShell
SQL*Plus: Release 18.0.0.0.0 - Production on Sun Mar 3 17:28:10 2019
Version 18.4.0.0.0

Copyright (c) 1982, 2018, Oracle. All rights reserved.

Enter user-name: sys as sysdba
Enter password:

Connected to:
Oracle Database 18c Express Edition Release 18.0.0.0.0 - Production
Version 18.4.0.0.0

SQL> show pdbs

  CON_ID CON_NAME          OPEN MODE  RESTRICTED
  -----
        2 PDB$SEED              READ ONLY NO
        3 XEPDB1          READ WRITE NO
```

Before to start the install, we must to select the correct pdb.

ALTER SESSION SET CONTAINER = XEPDB1;

```
SQL> ALTER SESSION SET CONTAINER = XEPDB1;
Session altered.

SQL> show pdbs

  CON_ID CON_NAME          OPEN MODE  RESTRICTED
  -----
        3 XEPDB1          READ WRITE NO
```

The containers since Oracle 12, is like this, for that reason before to install we need to select to correct container.



Next, Go to directory where you have apex 18.2 uncompressed, and install,

@apexins.sql SYSAUX SYSAUX TEMP /i/

```
Select Windows PowerShell
PS C:\MyPc\InstallApex\apex> sqlplus

SQL*Plus: Release 18.0.0.0.0 - Production on Sun Mar 3 17:28:10 2019
Version 18.4.0.0.0

Copyright (c) 1982, 2018, Oracle. All rights reserved.

Enter user-name: sys as sysdba
Enter password:

Connected to:
Oracle Database 18c Express Edition Release 18.0.0.0.0 - Production
Version 18.4.0.0.0

SQL> show pdbs

   CON_ID CON_NAME                                OPEN MODE  RESTRICTED
-----
        2 PDB$SEED                                READ ONLY  NO
        3 XEPDB1                                  READ WRITE NO

SQL> ALTER SESSION SET CONTAINER = XEPDB1;

Session altered.

SQL> show pdbs

   CON_ID CON_NAME                                OPEN MODE  RESTRICTED
-----
        3 XEPDB1                                  READ WRITE NO

SQL> @apexins.sql SYSAUX SYSAUX TEMP /i/
```

Set the password of admin.

@apxchpwd.sql

```
PL/SQL procedure successfully completed.

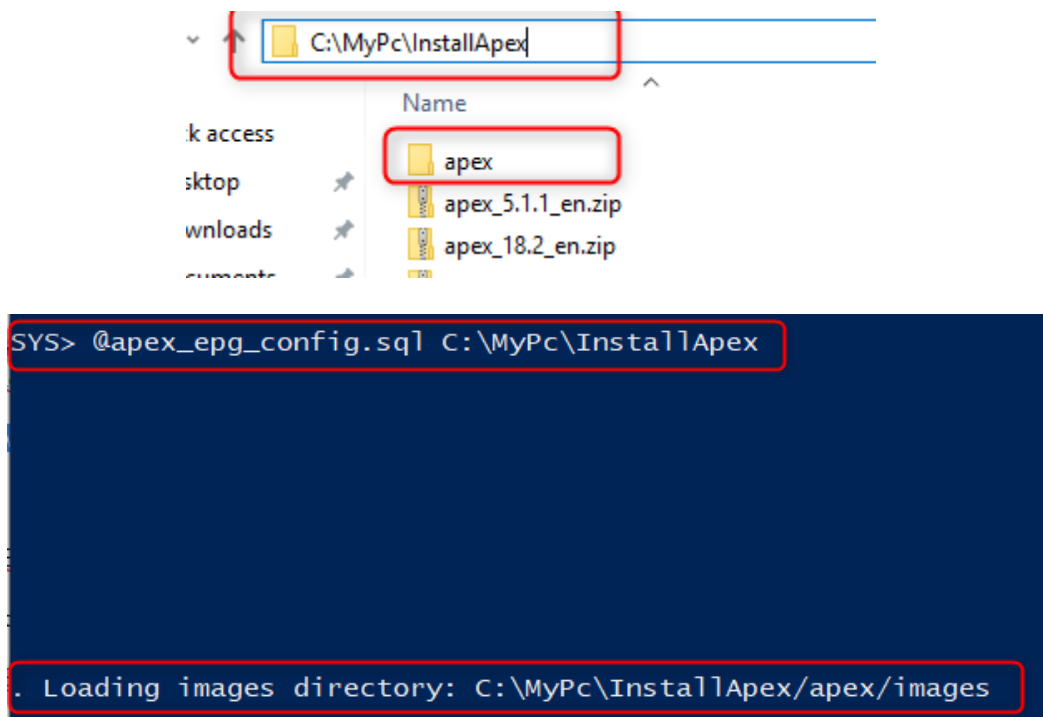
1 row selected.

null.sql
SYS> @apxchpwd.sql
...set_appun.sql
=====
This script can be used to change the password of an App
instance administrator. If the user does not yet exist,
created.
=====
Enter the administrator's username [ADMIN]
User "ADMIN" does not yet exist and will be created.
Enter ADMIN's email [ADMIN]
Enter ADMIN's password []
Created instance administrator ADMIN.
```

Configure the PL/SQL Gateway for local environment.

Use the parent directory as URL.

@apex_epg_config.sql C:\MyPc\InstallApex



Next, check the port:

```
SELECT DBMS_XDB.GETHTTPPORT FROM DUAL;
```

If is 0 we need to change with 8080, or another.

```
EXEC DBMS_XDB.SETHTTPPORT(8080);
```

```
SYS> EXEC DBMS_XDB.SETHTTPPORT(8080);
SYS> SELECT DBMS_XDB.GETHTTPPORT FROM DUAL;

GETHTTPPORT
-----
          8080
SYS>
```

The last step, connect in another cmd as sysdba, and show pdbs, for be sure we are in both container, PDB\$SEDD and XEPDB1.

If we are in both and with that mode, execute:

```
ALTER USER ANONYMOUS ACCOUNT UNLOCK;
```

```
Windows PowerShell

Copyright (c) 1982, 2018, Oracle. All rights reserved.

Enter user-name: sys as sysdba
Enter password:

Connected to:
Oracle Database 18c Express Edition Release 18.0.0.0.0 - Production
Version 18.4.0.0.0

SQL> show pdbs

  CON_ID CON_NAME          OPEN MODE  RESTRICTED
-----
      2 PDB$SEED              READ ONLY    NO
      3 XEPDB1              READ WRITE   NO
SQL> ALTER USER ANONYMOUS ACCOUNT UNLOCK;

User altered.
```

Finally we can enter to Oracle Apex 18.2

<http://localhost:8080/apex>

http://localhost:8080/apex/apex_admin

First time enter as workspace **Internal** and user **admin**, and pass of the installation.