

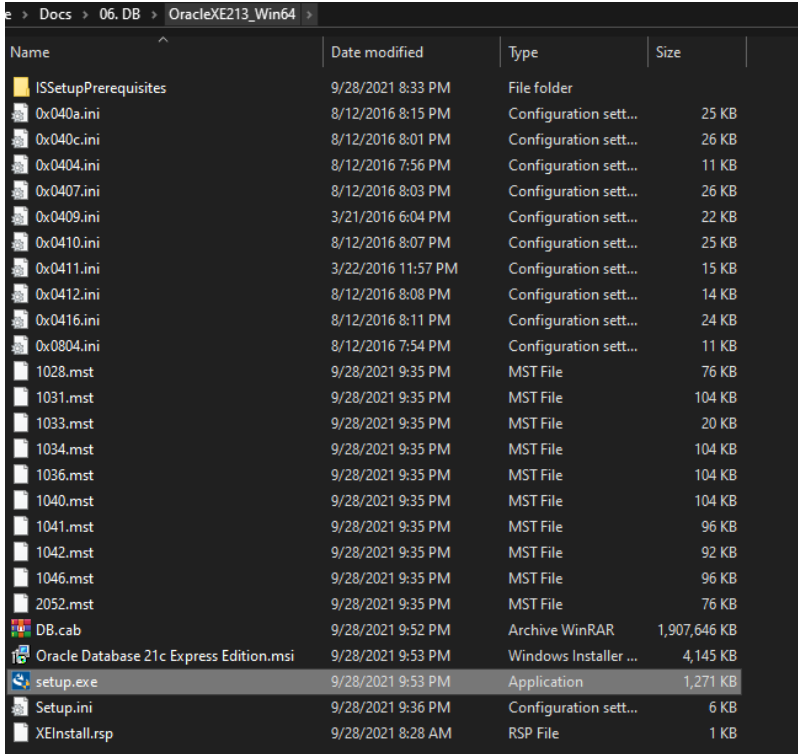
Oracle Database 21c XE

ETAPE 1: Télécharger le fichier .zip

<https://drive.google.com/drive/folders/1E5KyxenTvPvI5AH3MxRbW2GYobFdSE5K?usp=sharing>

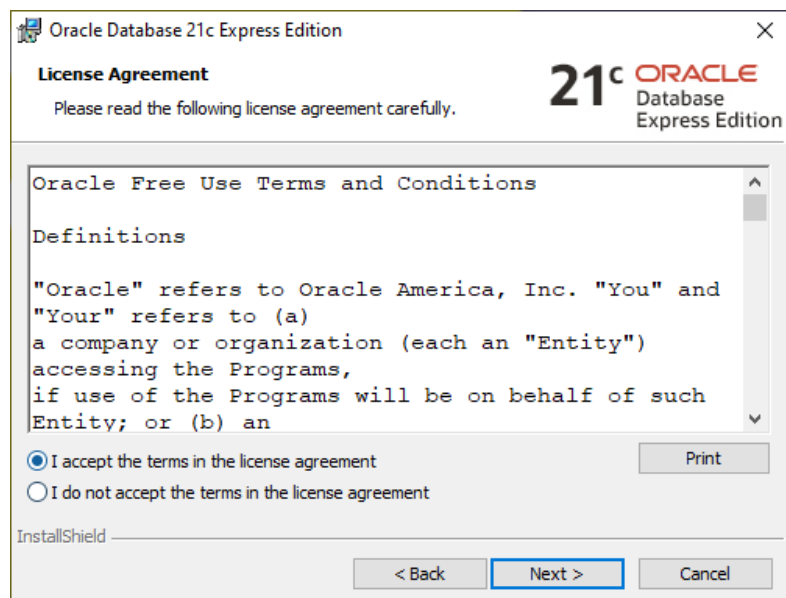
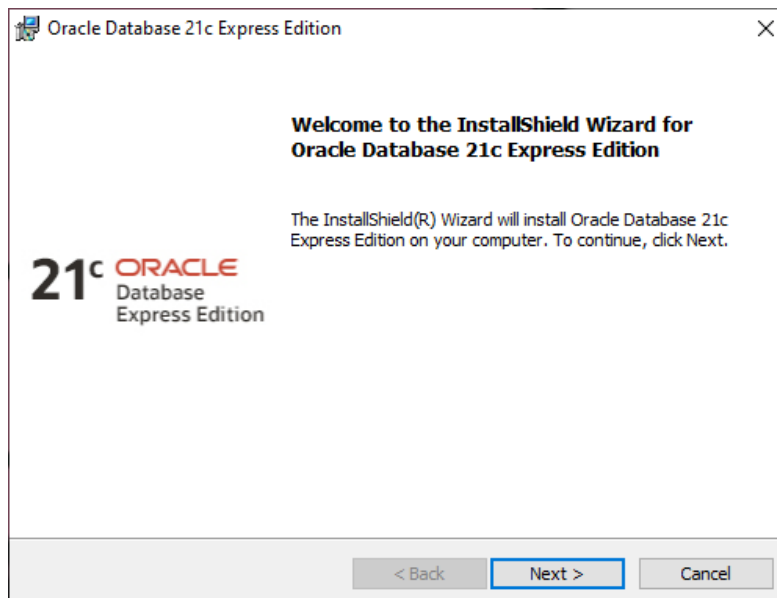
ETAPE 2: Extraire le contenu avec WinRaR

ETAPE 3: Exécuter setup.exe

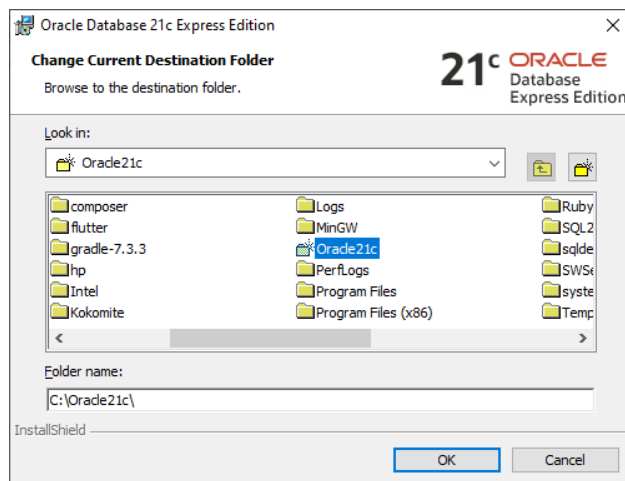
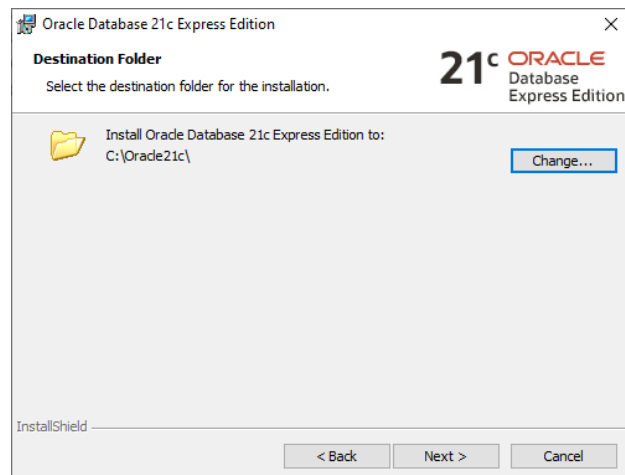


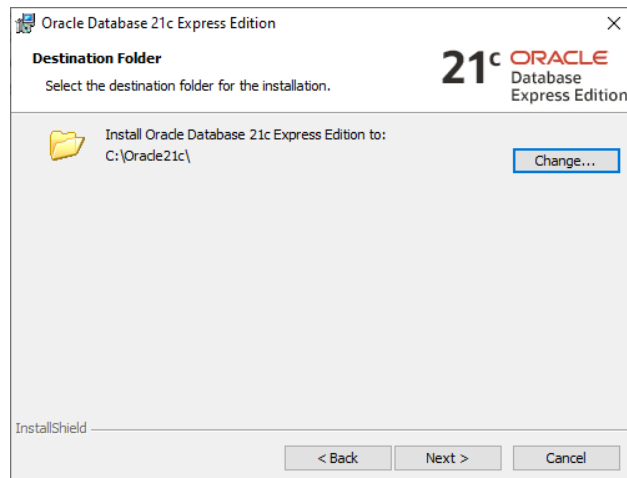
| Name | Date modified | Type | Size |
|---|--------------------|-----------------------|--------------|
| ISSetupPrerequisites | 9/28/2021 8:33 PM | File folder | |
| 0x040a.ini | 8/12/2016 8:15 PM | Configuration sett... | 25 KB |
| 0x040c.ini | 8/12/2016 8:01 PM | Configuration sett... | 26 KB |
| 0x0404.ini | 8/12/2016 7:56 PM | Configuration sett... | 11 KB |
| 0x0407.ini | 8/12/2016 8:03 PM | Configuration sett... | 26 KB |
| 0x0409.ini | 3/21/2016 6:04 PM | Configuration sett... | 22 KB |
| 0x0410.ini | 8/12/2016 8:07 PM | Configuration sett... | 25 KB |
| 0x0411.ini | 3/22/2016 11:57 PM | Configuration sett... | 15 KB |
| 0x0412.ini | 8/12/2016 8:08 PM | Configuration sett... | 14 KB |
| 0x0416.ini | 8/12/2016 8:11 PM | Configuration sett... | 24 KB |
| 0x0804.ini | 8/12/2016 7:54 PM | Configuration sett... | 11 KB |
| 1028.mst | 9/28/2021 9:35 PM | MST File | 76 KB |
| 1031.mst | 9/28/2021 9:35 PM | MST File | 104 KB |
| 1033.mst | 9/28/2021 9:35 PM | MST File | 20 KB |
| 1034.mst | 9/28/2021 9:35 PM | MST File | 104 KB |
| 1036.mst | 9/28/2021 9:35 PM | MST File | 104 KB |
| 1040.mst | 9/28/2021 9:35 PM | MST File | 104 KB |
| 1041.mst | 9/28/2021 9:35 PM | MST File | 96 KB |
| 1042.mst | 9/28/2021 9:35 PM | MST File | 92 KB |
| 1046.mst | 9/28/2021 9:35 PM | MST File | 96 KB |
| 2052.mst | 9/28/2021 9:35 PM | MST File | 76 KB |
| DB.cab | 9/28/2021 9:52 PM | Archive WinRAR | 1,907,646 KB |
| Oracle Database 21c Express Edition.msi | 9/28/2021 9:53 PM | Windows Installer ... | 4,145 KB |
| setup.exe | 9/28/2021 9:53 PM | Application | 1,271 KB |
| Setup.ini | 9/28/2021 9:36 PM | Configuration sett... | 6 KB |
| XEInstall.rsp | 9/28/2021 8:28 AM | RSP File | 1 KB |

ETAPE 4: L'installation

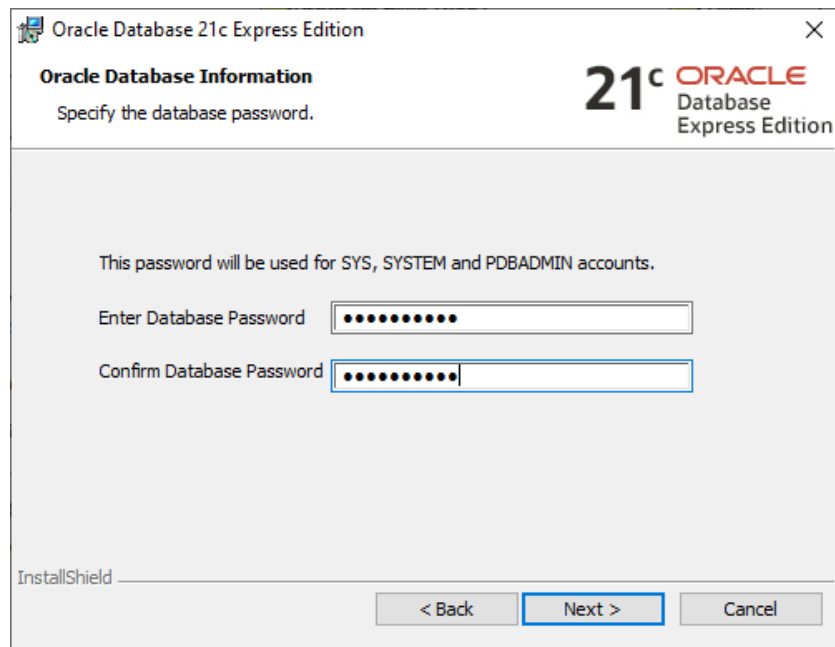


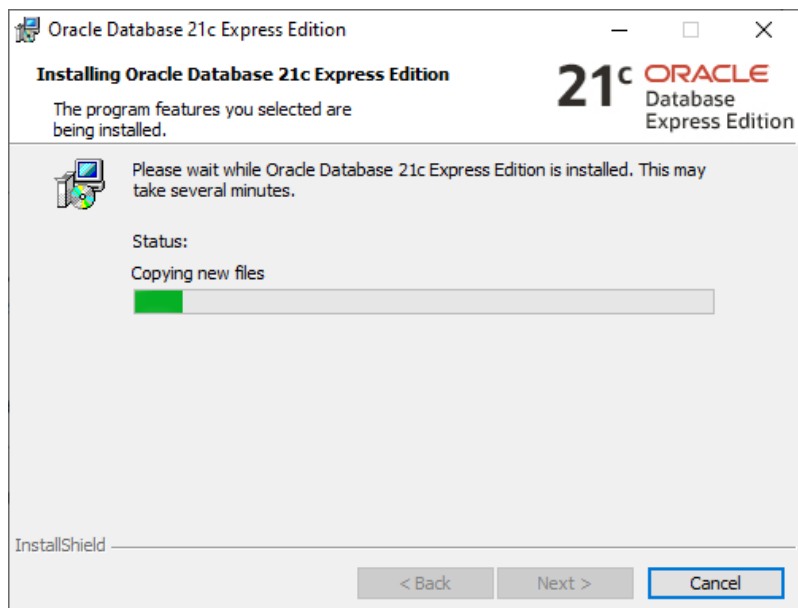
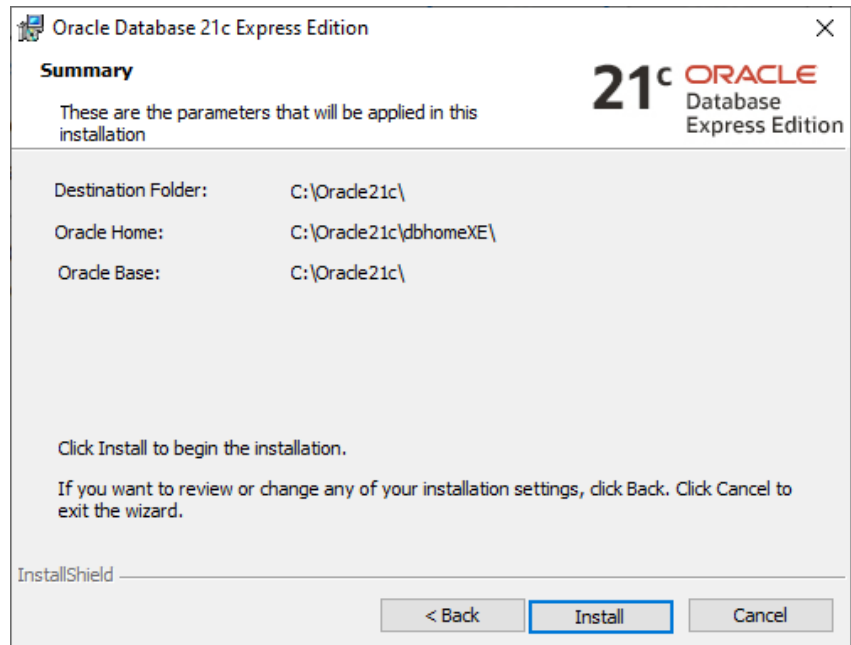
- Changer la destination par défaut avec un nouveau dossier "Oracle21c" :

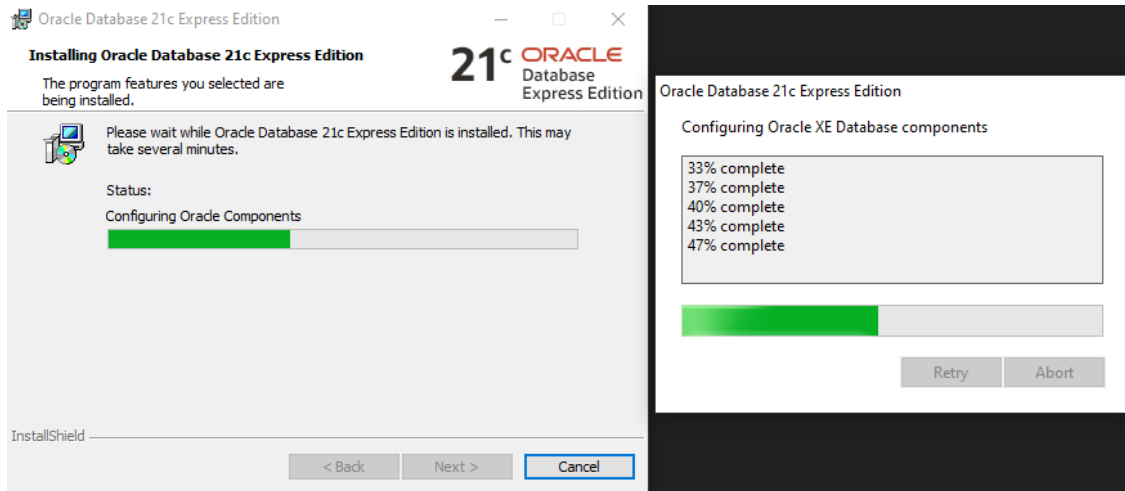




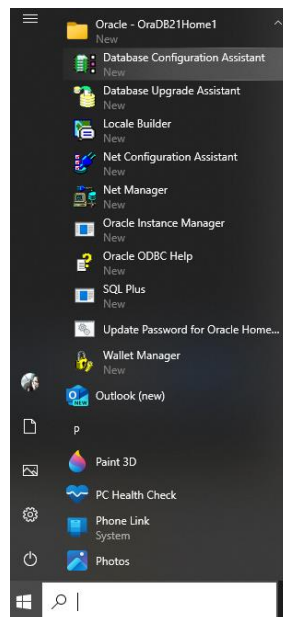
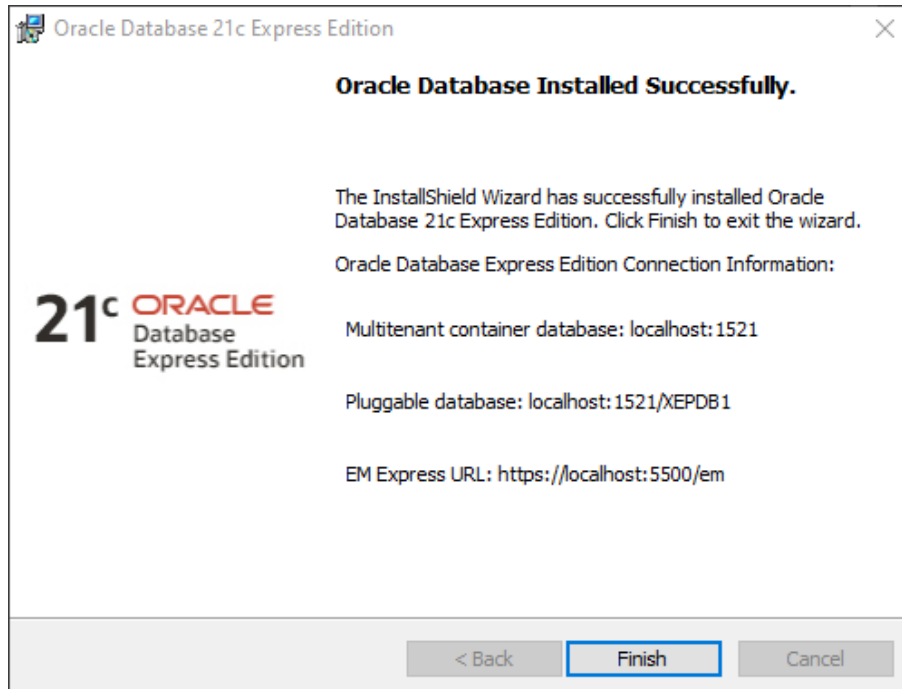
- Définir un mot de passe – Pour ne pas oublier – Utiliser « Adminorcl1 » :



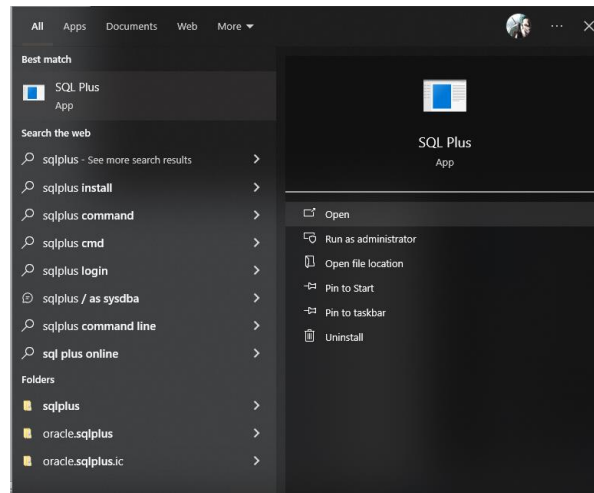




- Votre PDB est accessible, **localhost:1521/XEPDB1** :



ETAPE 5: Configuration avec SQL Plus



- Exécuter la commande : `/as sysdba`

```
SQL Plus
SQL*Plus: Release 21.0.0.0.0 - Production on Thu Mar 21 22:02:56 2024
Version 21.3.0.0.0

Copyright (c) 1982, 2021, Oracle. All rights reserved.

Enter user-name: /as sysdba

Connected to:
Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production
Version 21.3.0.0.0

SQL> _
```

Si ça donne des erreurs, essayez – changer password avec votre password:

`sys/your password@//localhost:1521/xe as sysdba`

- Exécuter la commande, pour visualisers les PDBS : `show pdbs`

```
SQL> show pdbs

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

SQL>
```

Nous allons utiliser XEPDB1 avec READ WRITE.

- Exécuter la commande : `connect`

```
SQL> connect
Enter user-name: sys/Adminorcl1@//127.0.0.1:1521/XEPDB1 as sysdba
Connected.
```

- Créer un utilisateur `root` avec mot de passe `root`

```
SQL> CREATE USER root IDENTIFIED BY root;
User created.

SQL> grant create view, create procedure, create sequence to root;
Grant succeeded.

SQL> grant create session to root;
Grant succeeded.

SQL> grant create table, create synonym, create sequence, create procedure, unlimited tablespace to root;
Grant succeeded.
```

- Tester si vous pouvez se connecter avec l'utilisateur :

```
SQL> connect
Enter user-name: root/root@//127.0.0.1:1521/XEPDB1 as sysdba
Connected.
SQL>
```

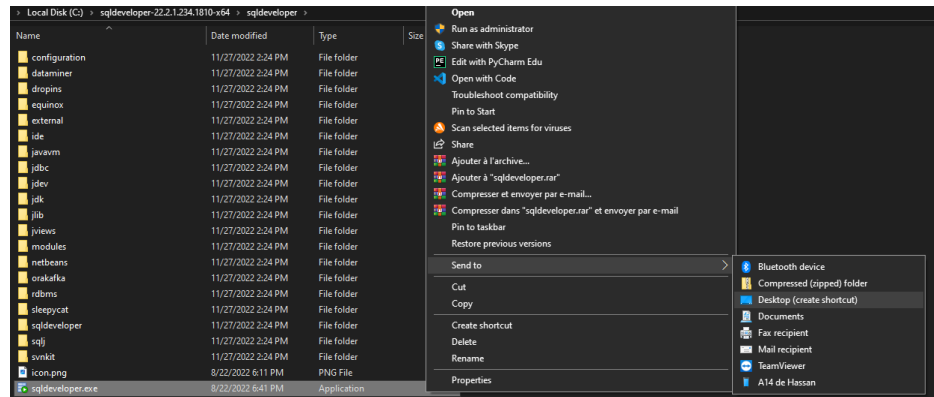
SQL Developer

ETAPE 1: Télécharger le fichier .zip

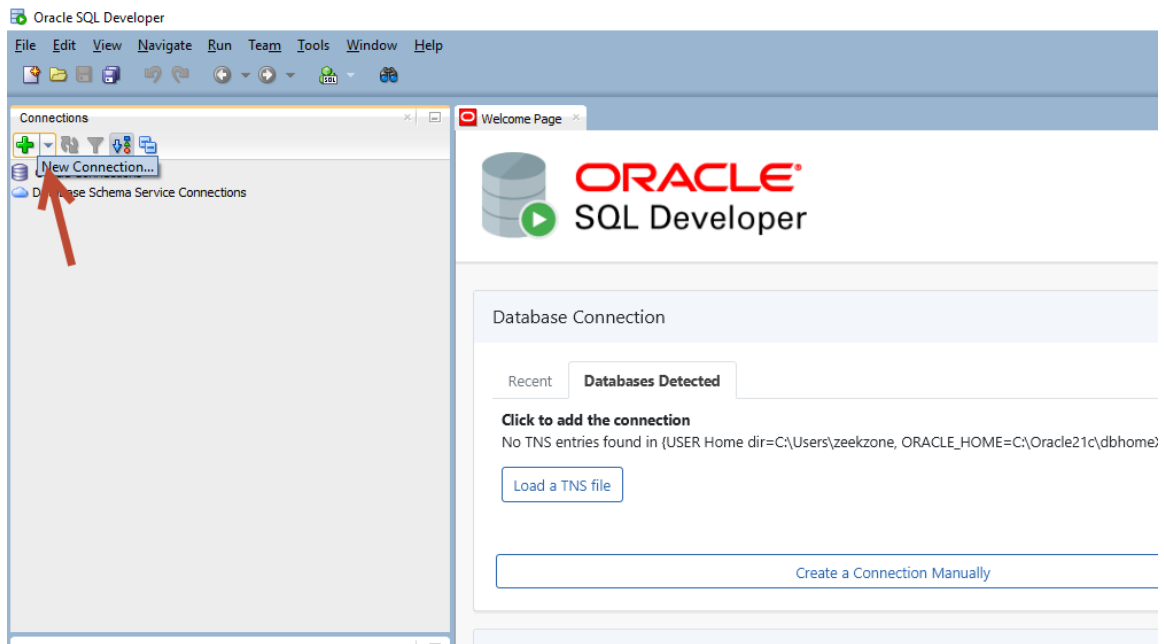
ETAPE 2: Extraire le contenu avec WinRAR

ETAPE 3: Déplacer le dossier dans votre C:/

ETAPE 4 : Créer un raccourci de setup.exe



ETAPE 4 : Lancement de SQL Developer et création d'une base de données



- Donnez les informations de votre base, **Tester** la connexion puis **Connect** :

New / Select Database Connection

Connection Name: **FSTE_AR**

Database Type: **Oracle**

User Info | Proxy User

Authentication Type: **Default**

Username: **root** | Role: **default**

Password: ******** | ☐ Save Password

Connection Type: **Basic**

Details | Advanced

Hostname: **localhost**

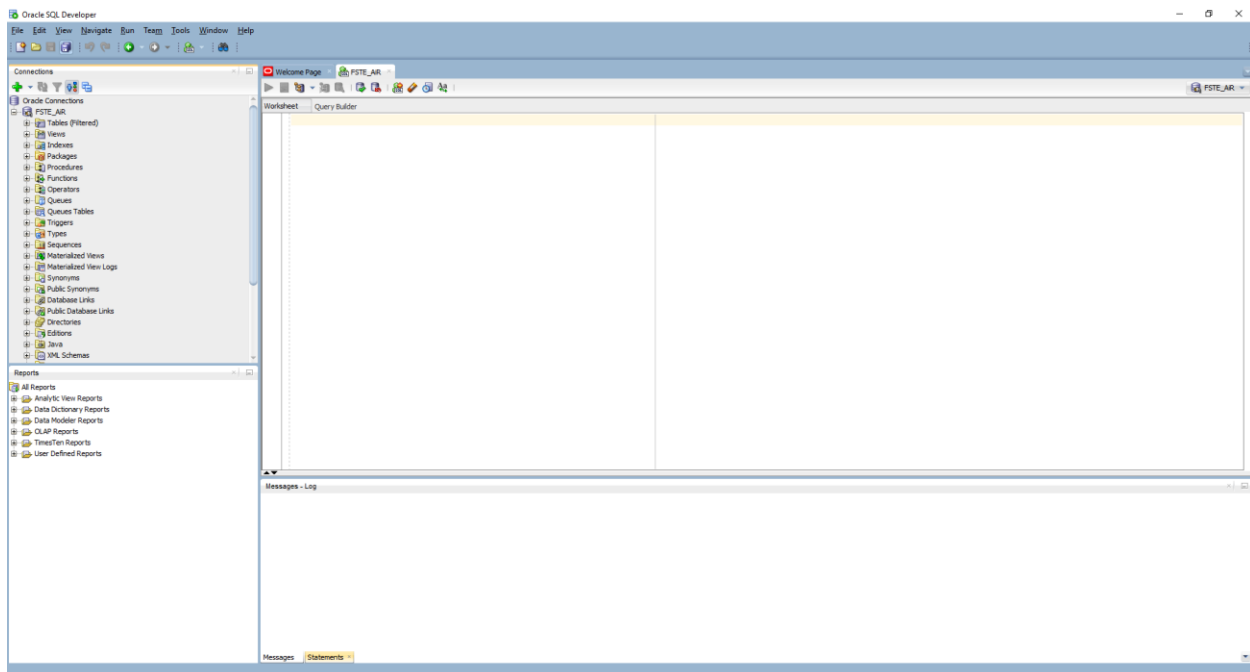
Port: **1521**

☐ SID: **xe**

☒ Service name: **xepdb1**

Status: Success

Buttons: **Help** **Save** **Clear** **Test** **Connect** **Cancel**



ANNEXE

- sys/Adminorcl1@//localhost:1521/XEPDB1 as sysdba
- sys/Adminorcl1@//127.0.0.1:1521/XEPDB1 as sysdba
- CREATE USER root IDENTIFIED BY root;
- grant create view, create procedure, create sequence to root;
- grant create session to root;
- grant create table, create synonym, create sequence, create procedure, unlimited tablespace to root;

Troubleshooting

- [ORA-12170: TNS:Connect timeout occurred](#)
- Vérifier les services oracle : Win+R, **services.msc**
- Dans votre **cmd** verifier le status de listener, il faut avoir localhost ou un IP

```
C:\Users\zeekzone>lsnrctl status

LSNRCTL for 64-bit Windows: Version 21.0.0.0.0 - Production on 21-MAR-2024 22:11:48

Copyright (c) 1991, 2021, Oracle. All rights reserved.

Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=DESKTOP-9DURV01)(PORT=1521)))
TNS-12535: TNS:operation timed out
TNS-12560: TNS:protocol adapter error
TNS-00505: Operation timed out
64-bit Windows Error: 60: Unknown error
Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=IPC)(KEY=EXTPROC1521)))
STATUS of the LISTENER
-----
Alias                     LISTENER
Version                   TNSLSNR for 64-bit Windows: Version 21.0.0.0.0 - Production
Start Date                21-MAR-2024 21:50:28
Uptime                    0 days 0 hr. 21 min. 40 sec
Trace Level               off
Security                  ON: Local OS Authentication
SNMP                      OFF
Default Service           XE
Listener Parameter File   C:\Oracle21c\homes\OraDB21Home1\network\admin\listener.ora
Listener Log File         C:\Oracle21c\diag\tnslsnr\DESKTOP-9DURV01\listener\alert\log.xml
Listening Endpoints Summary...
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=DESKTOP-9DURV01)(PORT=1521)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(PIPENAME=\\.\pipe\EXTPROC1521ipc)))
Services Summary...
Service "CLRExtProc" has 1 instance(s).
  Instance "CLRExtProc", status UNKNOWN, has 1 handler(s) for this service...
The command completed successfully
```

- Sinon: dans les deux fichiers changer votre hôte :

| > Local Disk (C:) > Oracle21c > homes > OraDB21Home1 > network > admin | | | | |
|--|--------------------|----------|------|--|
| Name | Date modified | Type | Size | |
| listener.ora | 3/21/2024 11:09 PM | ORA File | 1 KB | |
| sqlnet.ora | 3/21/2024 9:32 PM | ORA File | 1 KB | |
| sqlnet2403219PM3234.bak | 3/21/2024 9:32 PM | BAK File | 1 KB | |
| tnsnames.ora | 3/21/2024 11:11 PM | ORA File | 1 KB | |

```
listener.ora x
C:\Oracle21c> homes > OraDB21Home1 > network > admin > listener.ora
1 # listener.ora Network Configuration File: C:\Oracle21c\homes\OraDB21
2 # Generated by Oracle configuration tools.
3
4 DEFAULT_SERVICE_LISTENER = XE
5
6 SID_LIST_LISTENER =
7   (SID_LIST =
8     (SID_DESC =
9       (SID_NAME = CLRExtProc)
10      (ORACLE_HOME = C:\Oracle21c\dbhomeXE)
11      (PROGRAM = extproc)
12      (ENVS = "EXTPROC_DLLS=ONLY:C:\Oracle21c\dbhomeXE\bin\oraclr.dll")
13     )
14   )
15
16 LISTENER =
17   (DESCRIPTION_LIST =
18     (DESCRIPTION =
19       (ADDRESS = (PROTOCOL = TCP)(HOST = 127.0.0.1)(PORT = 1521))
20       (ADDRESS = (PROTOCOL = IPC)(KEY = EXTPROC1521))
21     )
22   )
23
24
```

```
tnsnames.ora x
C:\Oracle21c> homes > OraDB21Home1 > network > admin > tnsnames.ora
1 # tnsnames.ora Network Configuration File: C:\Oracle21c\homes\OraDB21
2 # Generated by Oracle configuration tools.
3
4 XE =
5   (DESCRIPTION =
6     (ADDRESS = (PROTOCOL = TCP)(HOST = 127.0.0.1)(PORT = 1521))
7     (CONNECT_DATA =
8       (SERVER = DEDICATED)
9       (SERVICE_NAME = XE)
10    )
11  )
12
13 LISTENER_XE =
14   (ADDRESS = (PROTOCOL = TCP)(HOST = 127.0.0.1)(PORT = 1521))
15
16
17 ORACL_CONNECTION_DATA =
18   (DESCRIPTION =
19     (ADDRESS_LIST =
20       (ADDRESS = (PROTOCOL = IPC)(KEY = EXTPROC1521))
21     )
22     (CONNECT_DATA =
23       (SID = CLRExtProc)
24       (PRESENTATION = RO)
25     )
26   )
27
28
```

- Dans votre cmd, exécutez:

```
lsnrctl stop
```

```
lsnrctl start
```

Sources:

https://www.youtube.com/watch?v=iv7qIWMSHFc&ab_channel=TheOracleProfessor

<https://youtu.be/62loxIrfzk?t=582>