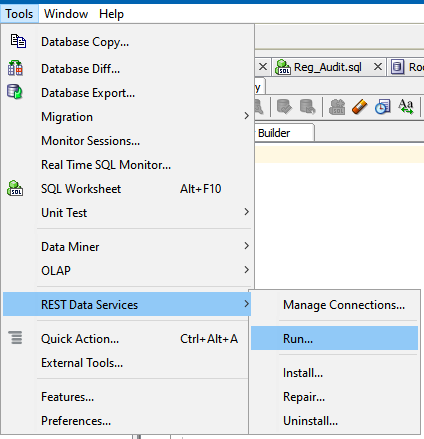
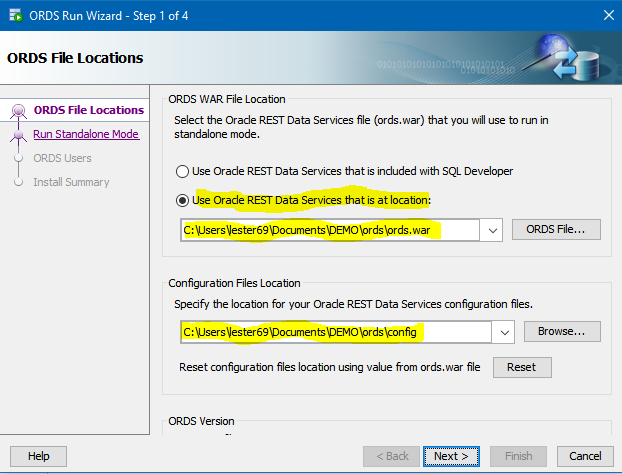
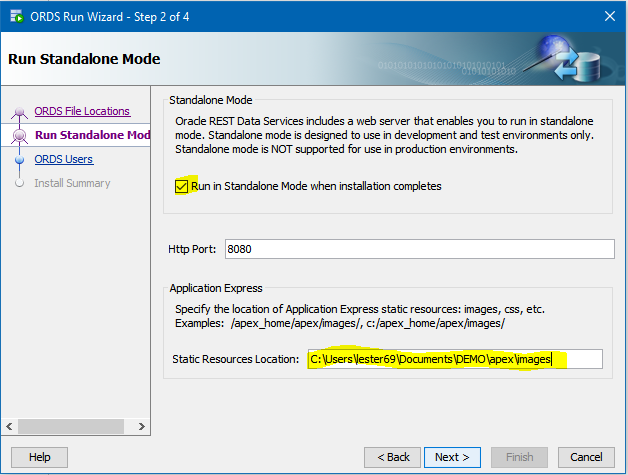
**Start ORDS from SQL Developer:**



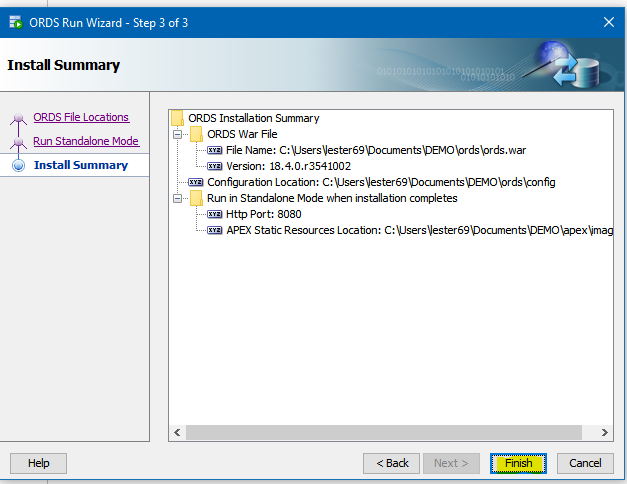
**Then specify the ords.war file location (not the one in SQL Dev.)**



**We will always be running in standalone mode. You can use any unused port. You will need to manually enter (or paste) the images directory of APEX images:**

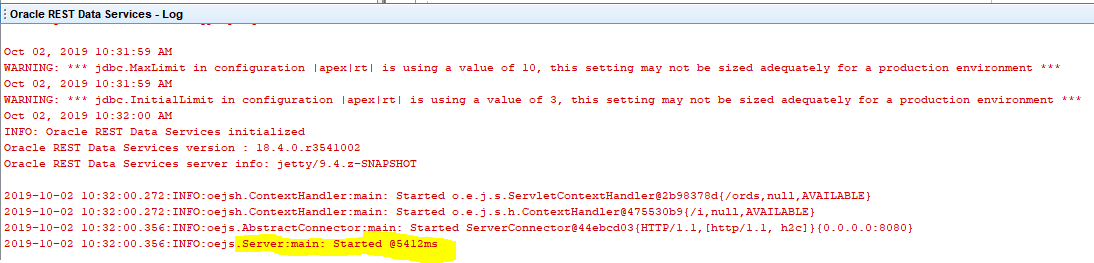


**Finish:**

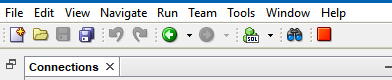


**If you get strange errors, you will need to use a separate copy of SQL Developer.**

**If all is well:**



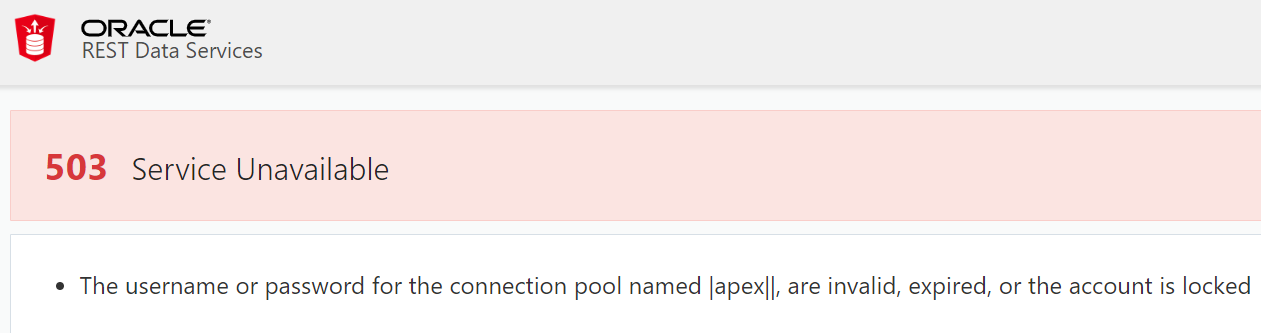
**The red square means it is running. It is also a kill button to terminate the process. It needs to stay alive as long as you are using APEX.**



**Now go to:**

<http://localhost:8080/ords/apex_admin>

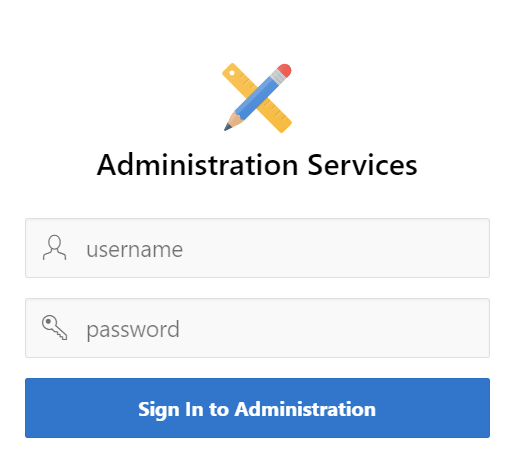
**If you get this error:**



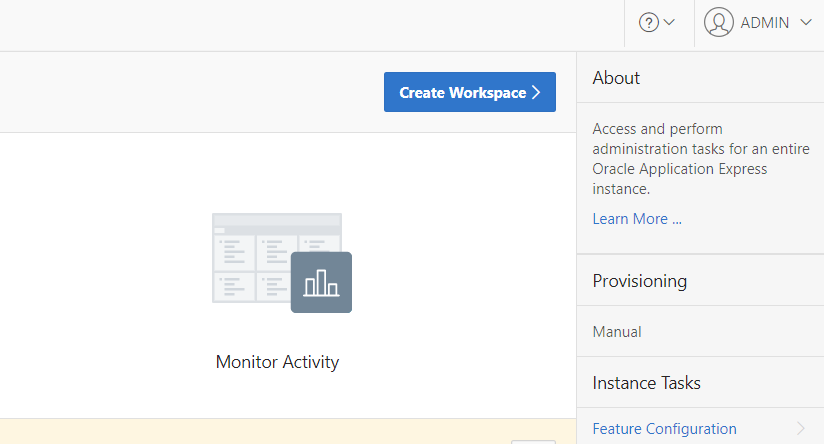
**Run this again:**

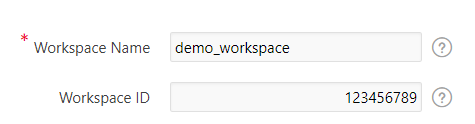
ALTER USER APEX\_PUBLIC\_USER IDENTIFIED BY \*\*\*\*\*\* ACCOUNT UNLOCK;

**You should be able to log into APEX ADMIN (using the ADMIN credentials set earlier):**

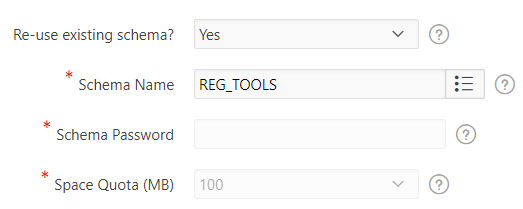


**This is where you will set up your workspace and user settings. You can name the workspace anything you want; it will still accept imports from any other workspace.**

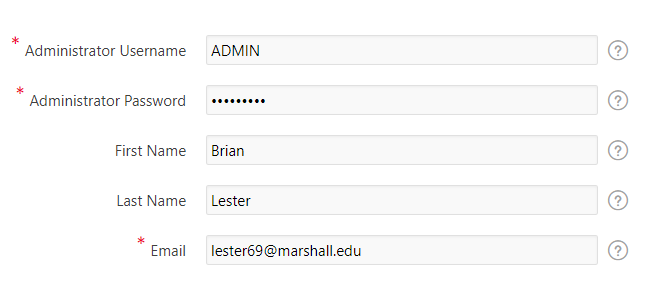




**Use the REG\_TOOLS schema for the workspace (password is SYS password for PDB).**



**This will be APEX ADMIN:**

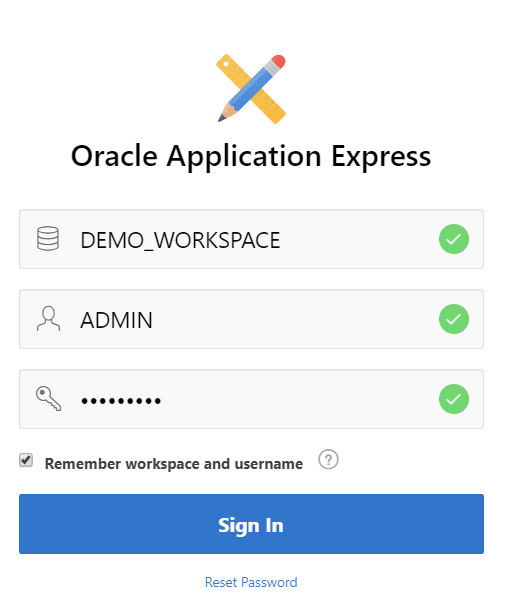


**For the rest of the ADMIN stuff, you can check Oracle documentation.**

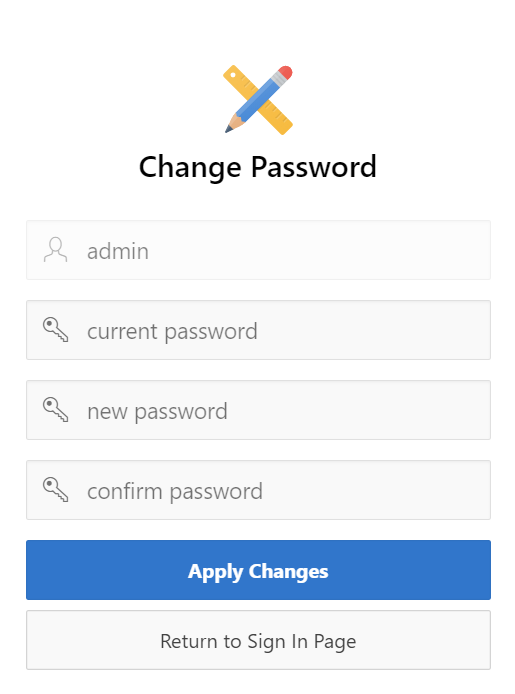
**Sign out and go to:**

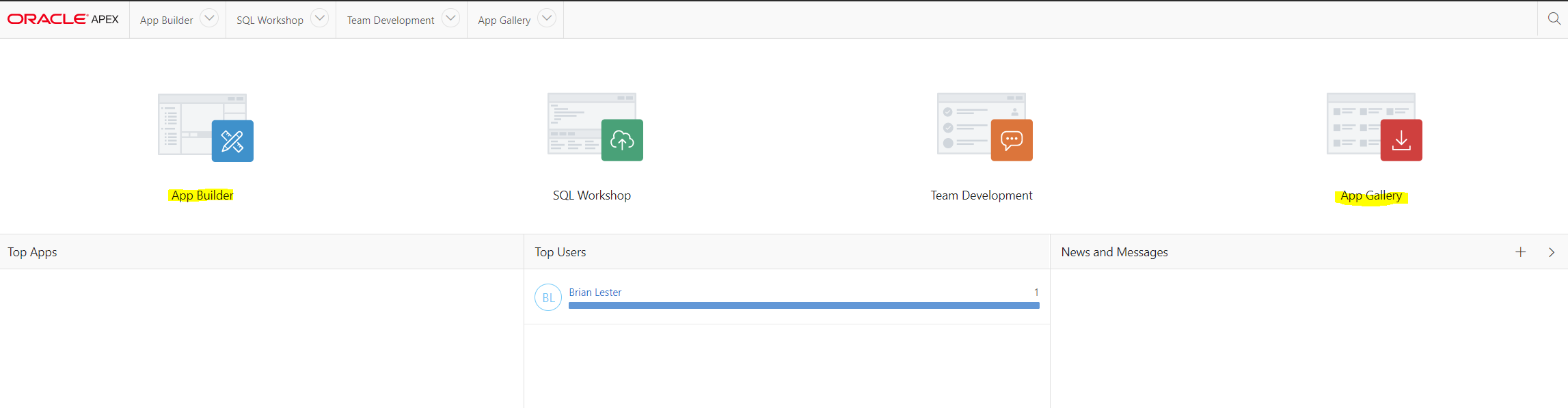
<http://localhost:8080/ords/>

**Sign in with APEX credentials:**



**You are required to change password (I just add “12” to old one). Your APEX ADMIN password will still be the old one; this is for the workspace:**





**I recommend installing some of the sample apps so that you can see how they work.**

**Have fun!**