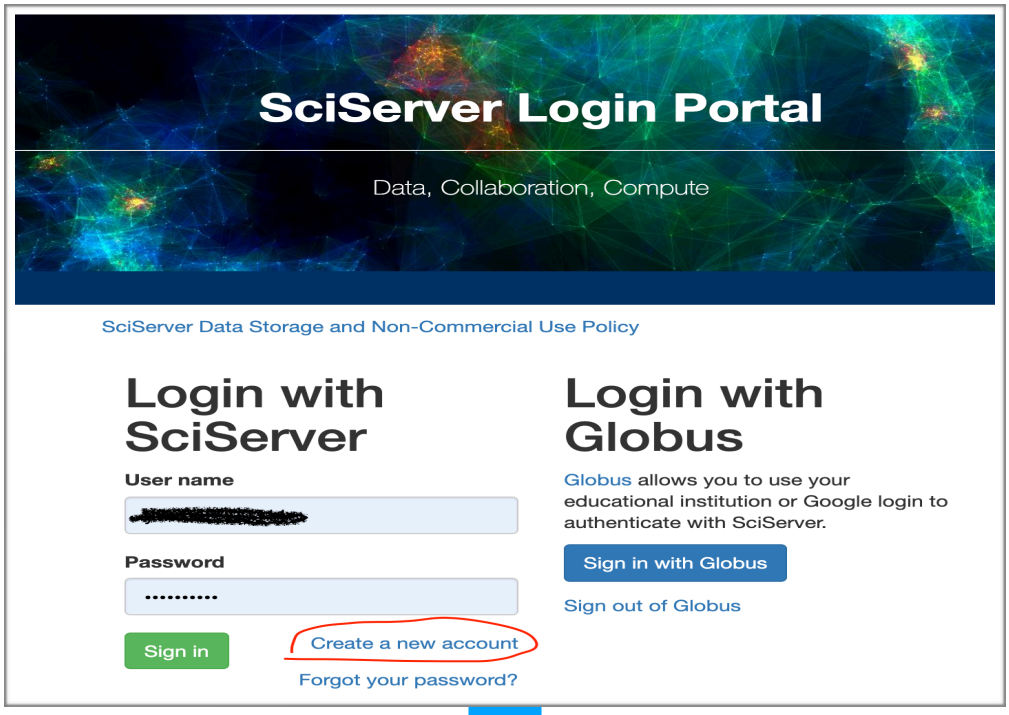
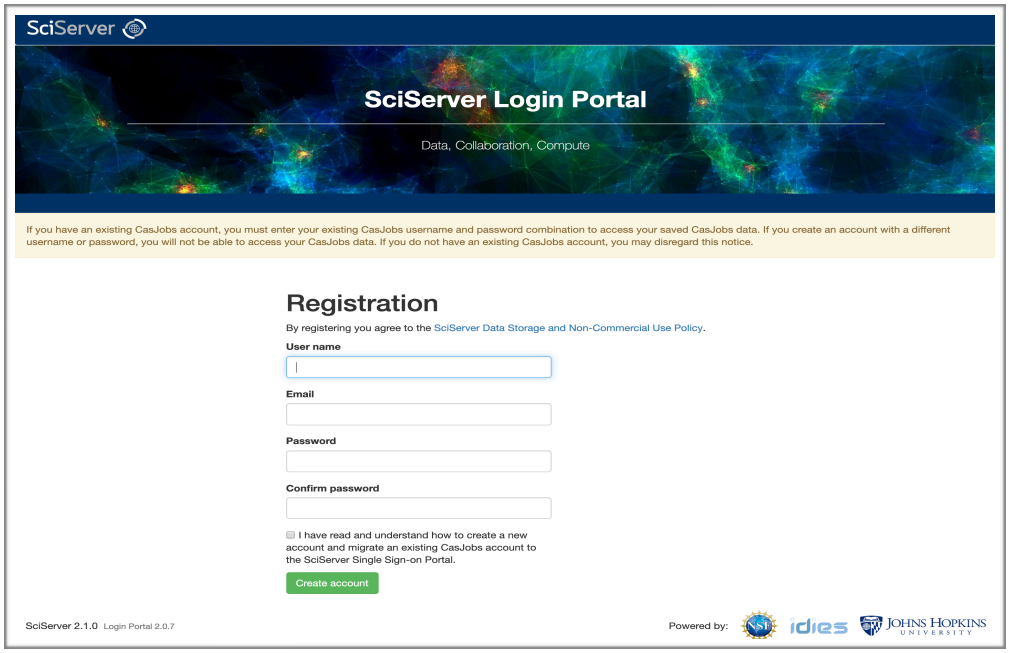
SciServer Tutorial

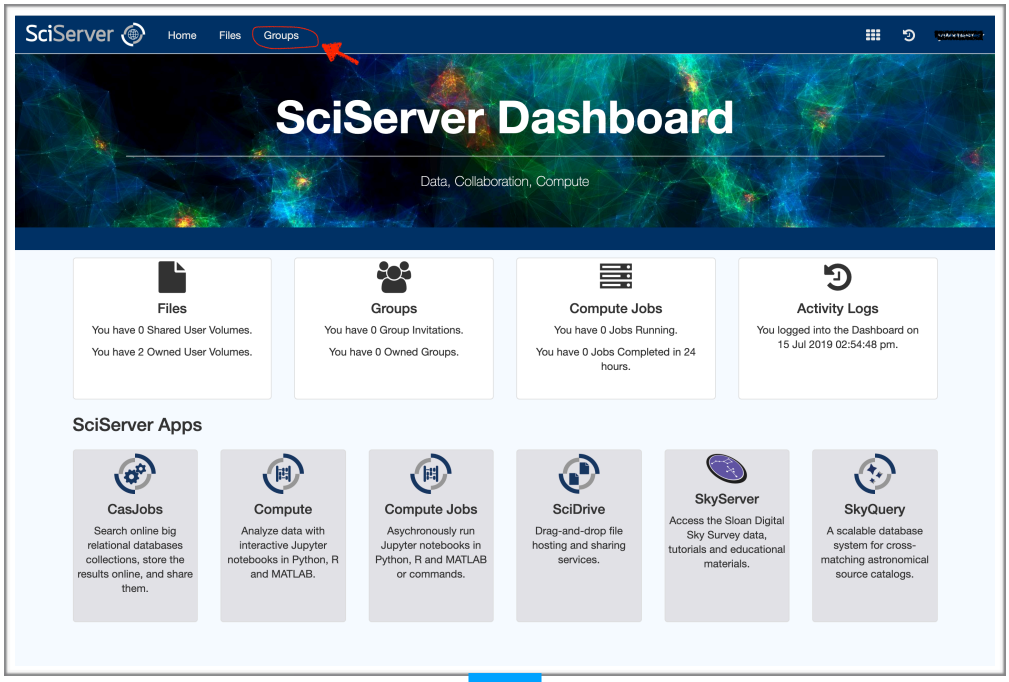
1.Go to: http://www.sciserver.org/ & Click “Login to SciServer”

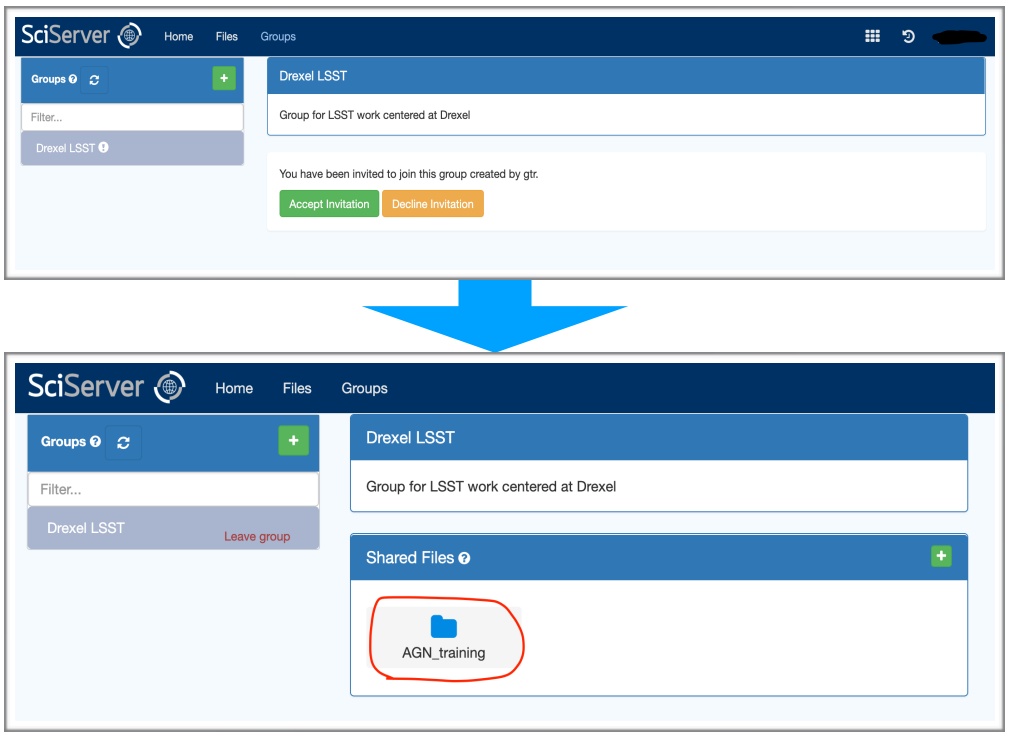
2. Click “Create a new account” if you don’t have one already.



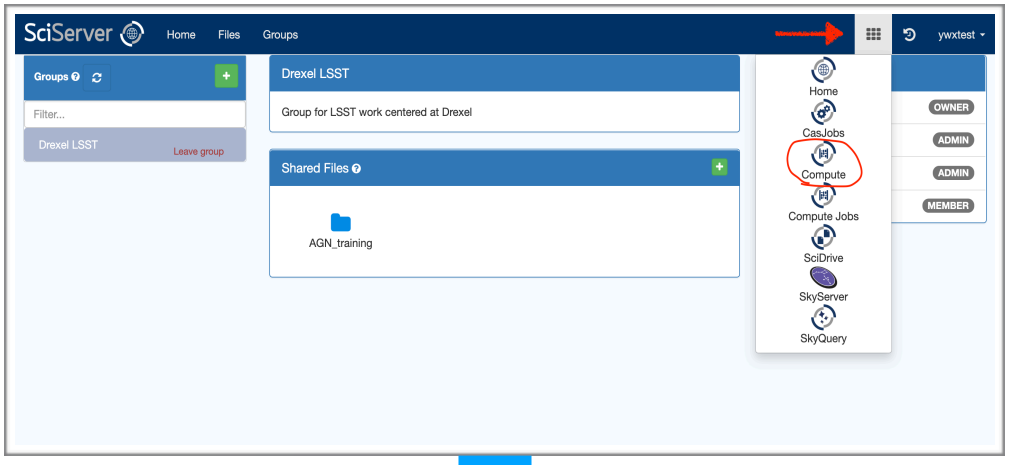


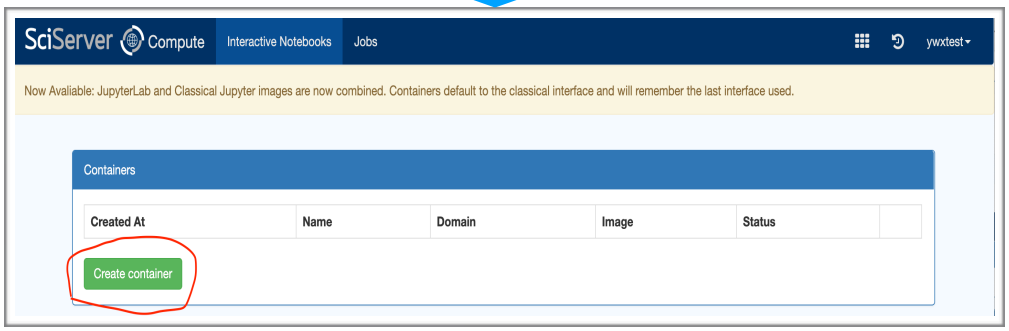
3. An activation email will be sent to you at the email address you provided during the registration process.
4. Once you have completed the steps above, please send us your “User name”, then we can add you to our group.
5. After we add you to our group, you can see an invitation within Groups on SciServer, you need to accept it. Then you can see the shared “AGN_training” folder





6. Next, if you want to work with the data on SciServer, you need to start a new container from Compute and mount the shared volume. To access Compute, click the third icon from the right on the top menu and click Compute.

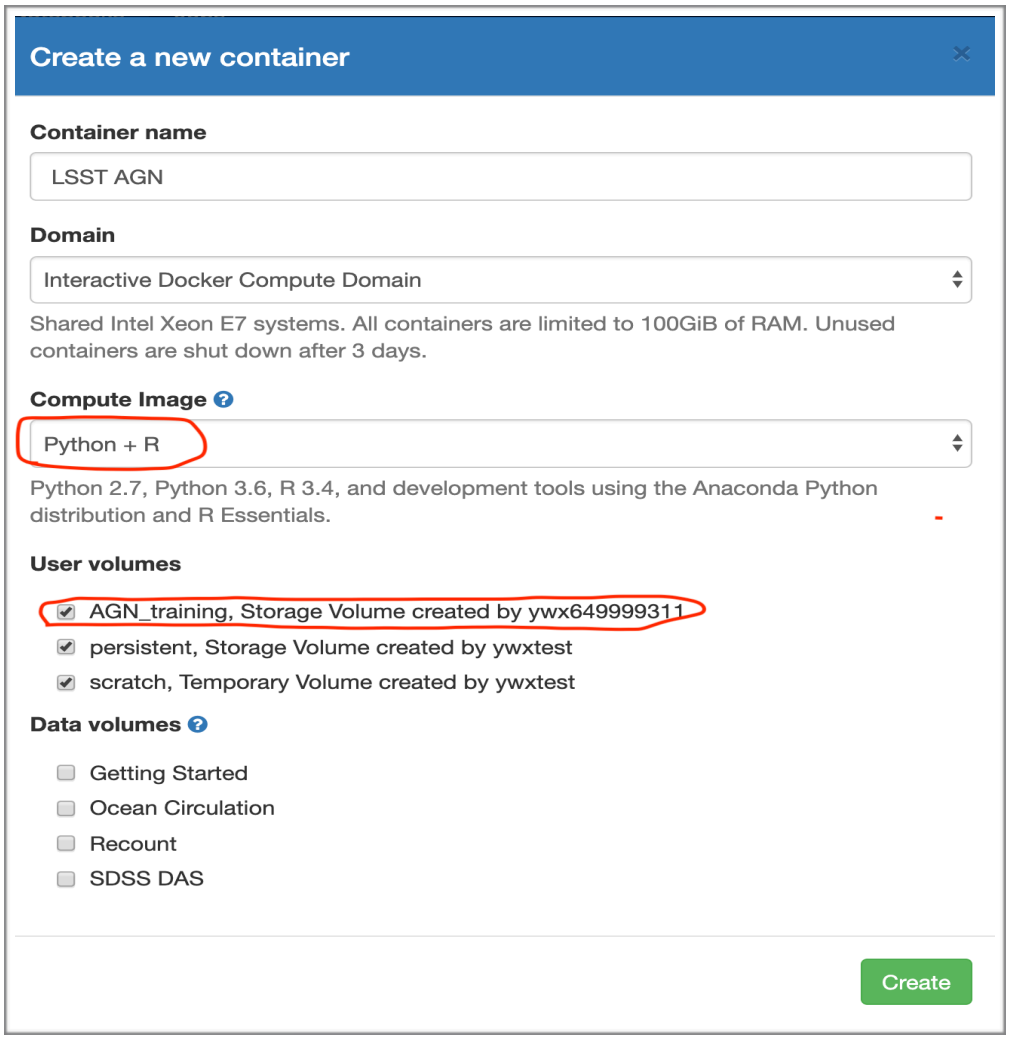




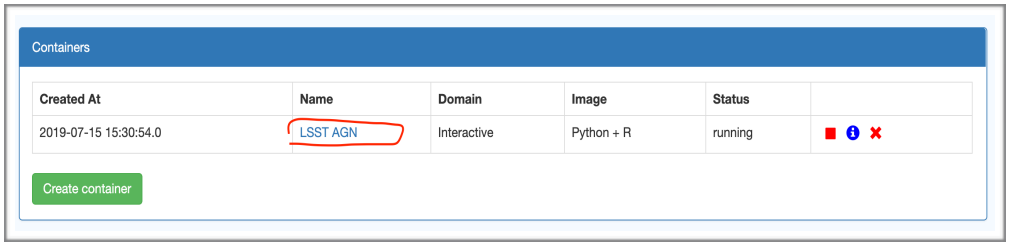
Note:

1)You need to select Python +R from “Compute Image”, (there are a lot of options, not guaranteed that every image has the compatible python version installed).

2)The box next to ‘AGN_training, Storage Volume created by ywx649999311’ under “User volumes” has to be checked, otherwise you won’t see the shared files in the Jupyter environment.



7. Once you the container is created, click the name of the container to open up the Jupyter environment in a new tab.



Now you should see the shared folder /Storage/ywx649999311/AGN_training. The actual data is stored in /Storage/ywx649999311/AGN_training/Stripe 82/ and I recommend you start with the ReadMe.ipynb. A zip file (dataV1 only) is also shared under AGN_training folder in case you want to play with the data offline.

As I suggested in the ReadMe notebook, it is better to copy the 'Script_NBs' directory to your own persistent storage, that way we can all have our own copy of the notebooks and utils module to avoid any conflict.

To copy the 'Script_NBs' directory for the shared volume to your space, you only need to hoover to the target directory and a copy option will appear to the right, click 'copy' and then a pop up window will ask you where to save the copy.