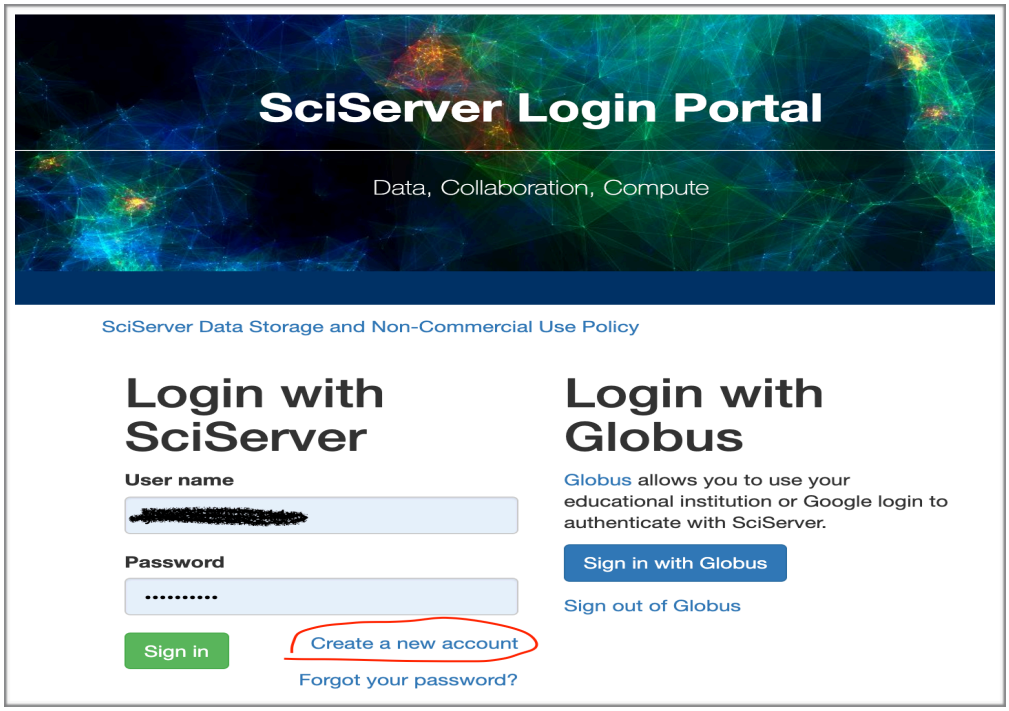
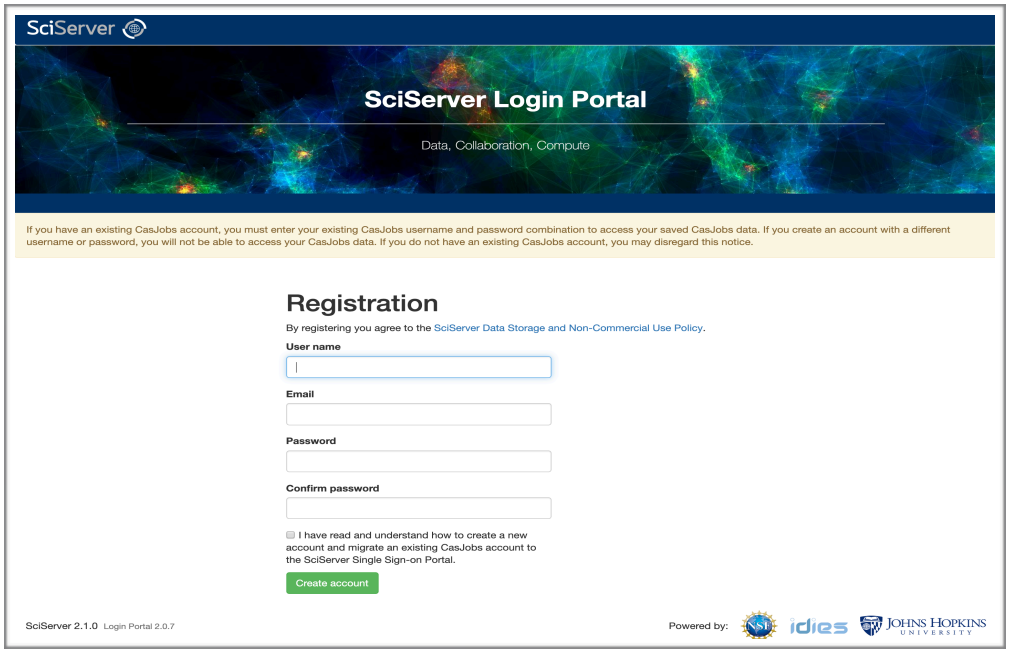
SciServer Tutorial

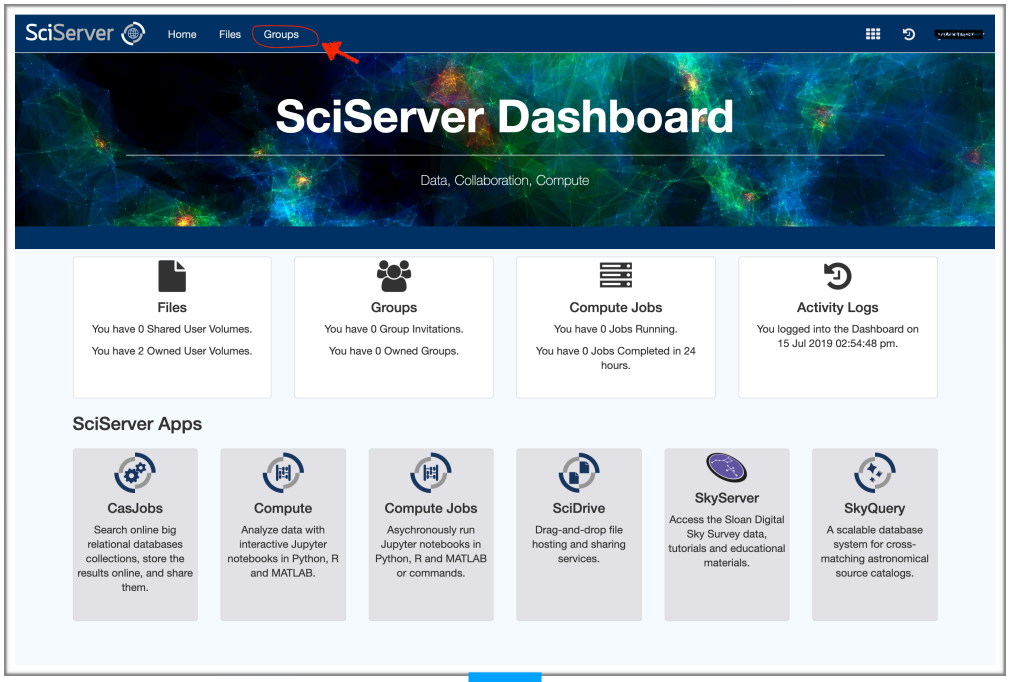
1.Go to: http://www.sciserver.org/ & Click “Login to SciServer”

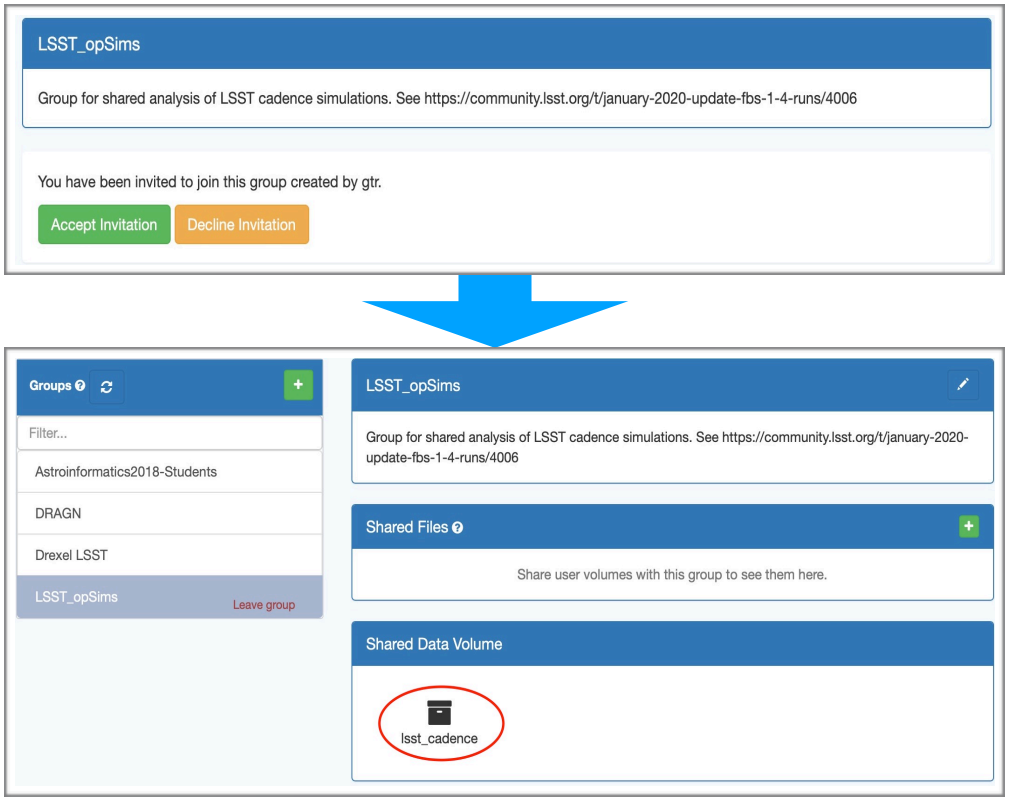
2. Click “Create a new account” if you don’t have one already.



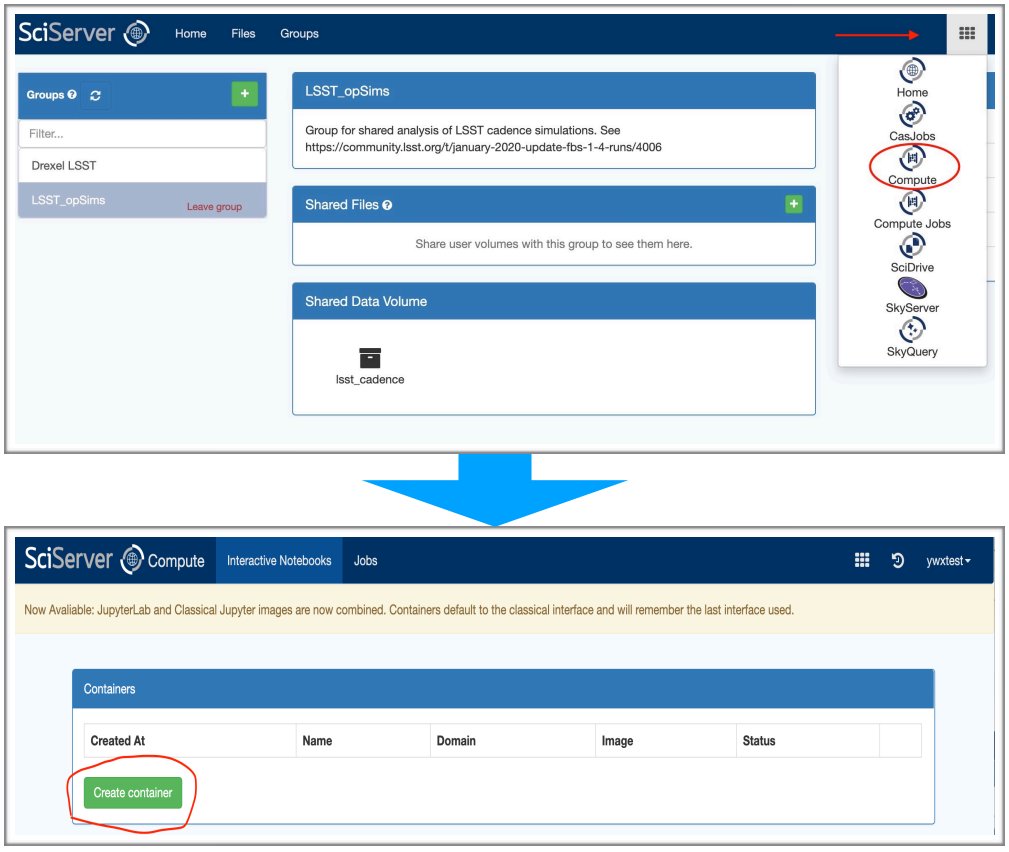


3. An activation email will be sent to you at the email address you provided during the registration process. Please activate your new account through the email sent to you before attempting to log in, otherwise your account will be locked.
4. Once you have completed the steps above, please send us your “User name”, then we can add you to the “LSST_opSims” group.
5. After we add you to this group, you can see an invitation within Groups on SciServer, you need to accept it. Then you can see the shared “LSST_opSims” folder



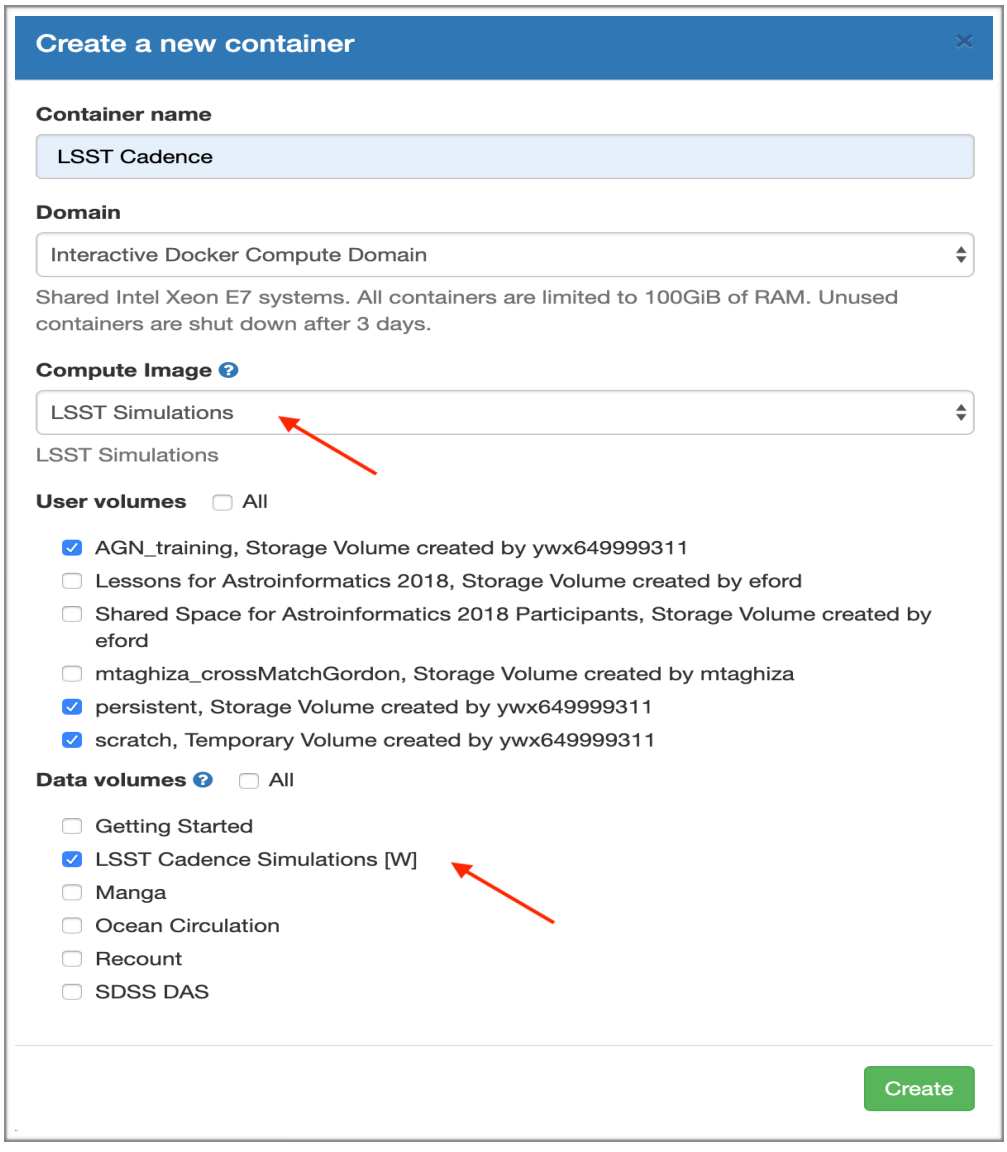


6. Next, if you want to work with the data on SciServer, you need to start a new container from Compute and mount the shared volume. To access Compute, click the third icon from the right on the top menu and click Compute.

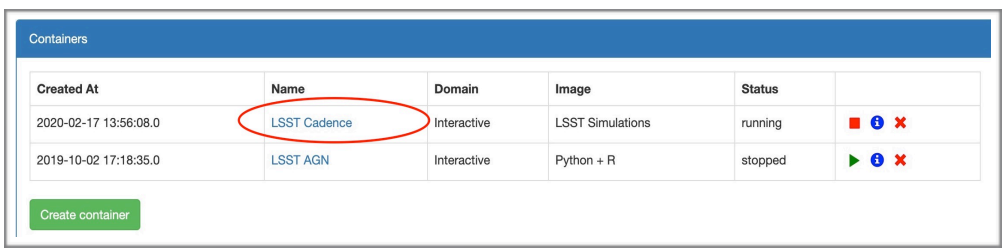


Note:

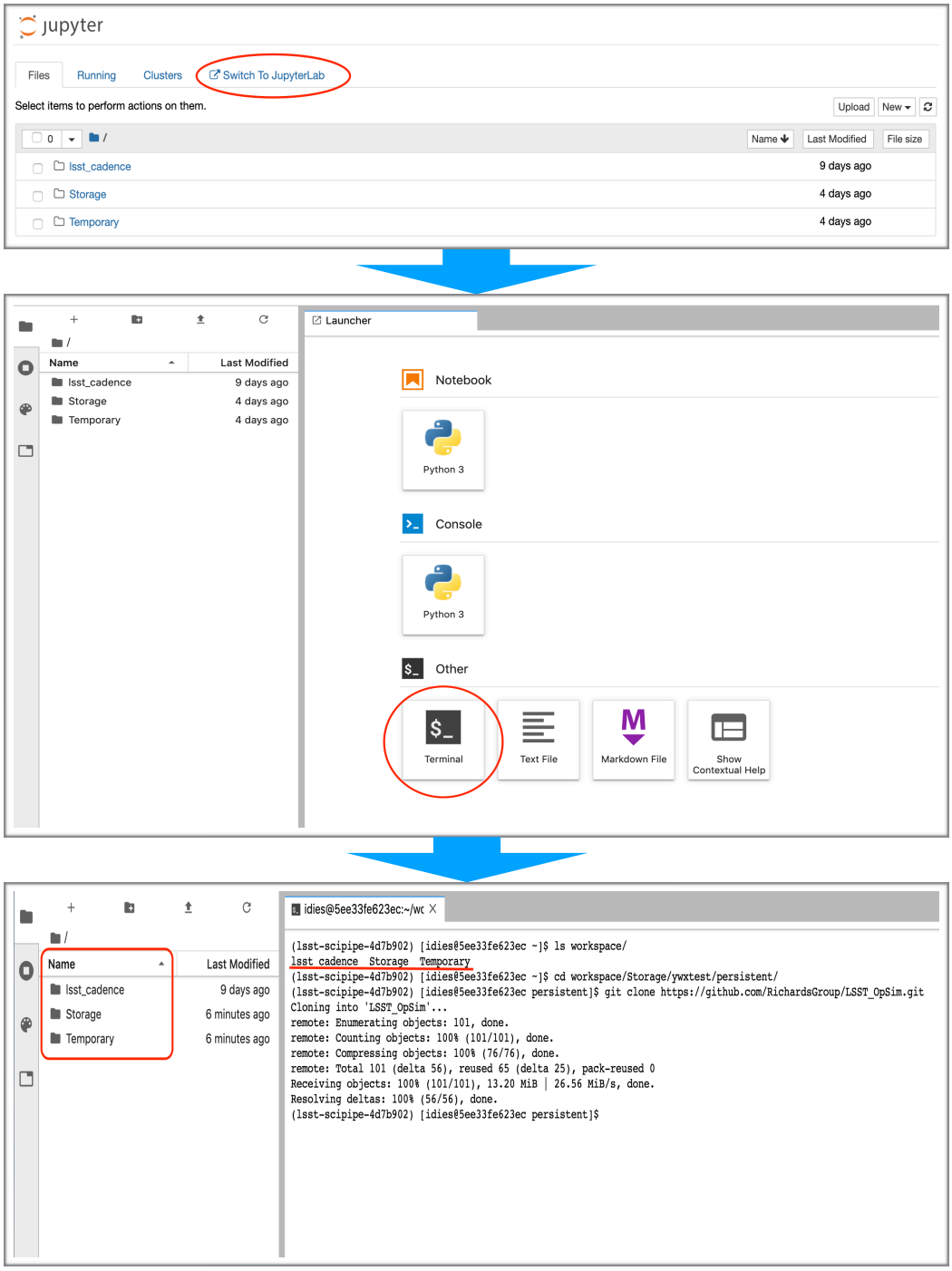
1) You need to select “LSST Simulations” from “Compute Image”
2) The box next to ‘LSST Cadence Simulations’ under “Data volumes” has to be checked, otherwise you won’t see the shared files in the Jupyter environment.



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



8. Next, open a new terminal from the Jupyter launcher, navigate to your persistent folder under "/home/idies/workspace/Storage/{username}/", clone the repository: https://github.com/RichardsGroup/LSST_OpSim. The set of commands which you need to execute once you opened a new terminal is (a screenshot is also attached):
    a) ls workspace/
    b) cd ~/workspace/Storage/{username}/persistent/
    c) git clone https://github.com/RichardsGroup/LSST_OpSim.git



In the screenshot right above, you can see that the directories boxed match the output of “ls workspace” (underlined). Thus we navigate to the folder of the repository we just clone using the directory explorer on the left.

9. Once you are in the folder of the cloned repository, you can right click the README.md file to open it in markdown preview. More detailed descriptions about that github repo can be found there. Or you can just start with the “Introduction.ipynb” notebook in the “Scripts_NBs” folder