Registering for SciServer

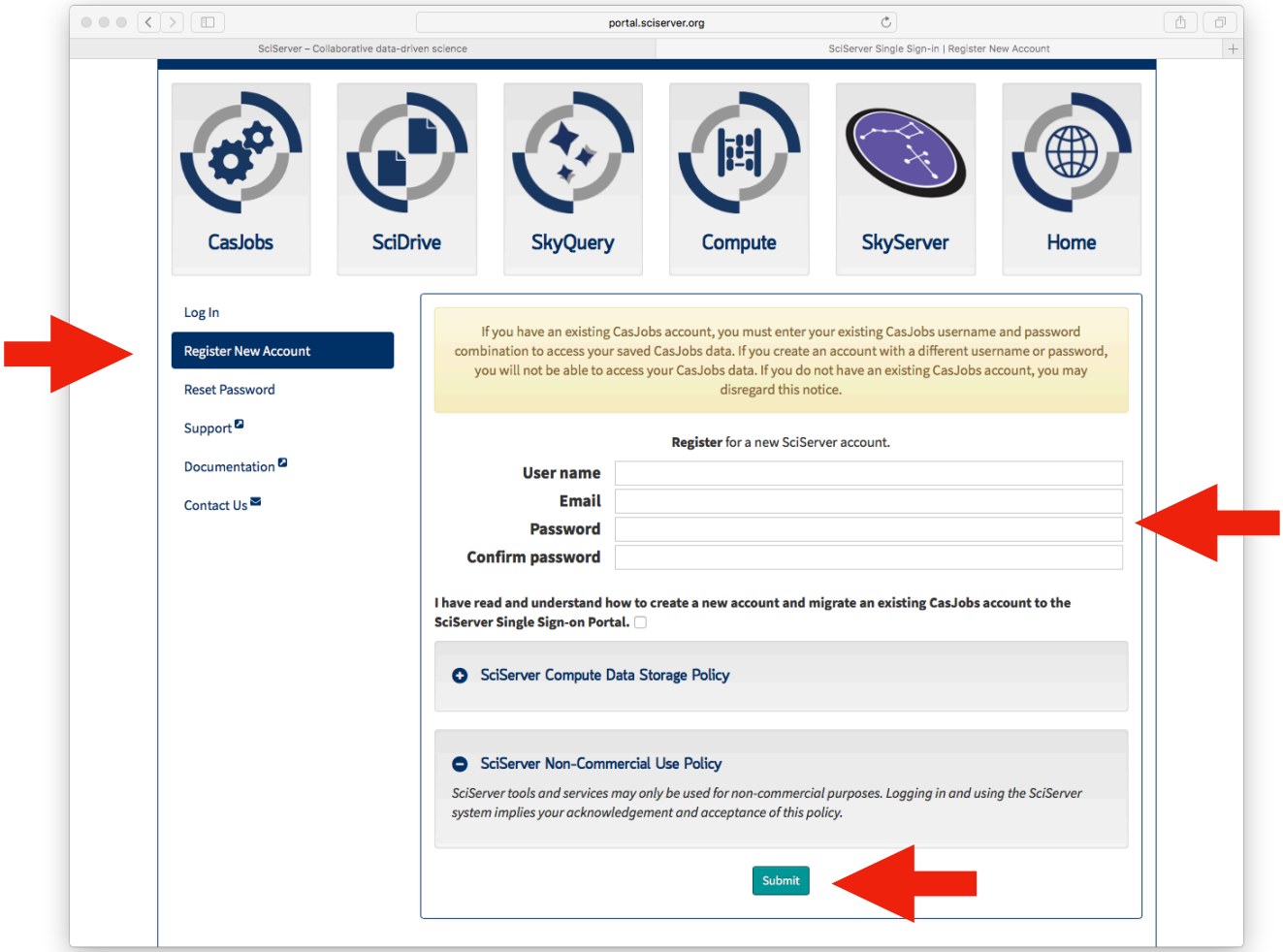
You will run Python and do your exercises in a remote server, called SciServer (www.SciServer.org). SciServer is a cloud-based research platform, that allows you to access and manipulate large datasets without the need to download any data on your local machine – all you need is a web-browser!

The first thing you need to do, is register for an account with SciServer, and upload the two Python notebooks on Moodle.

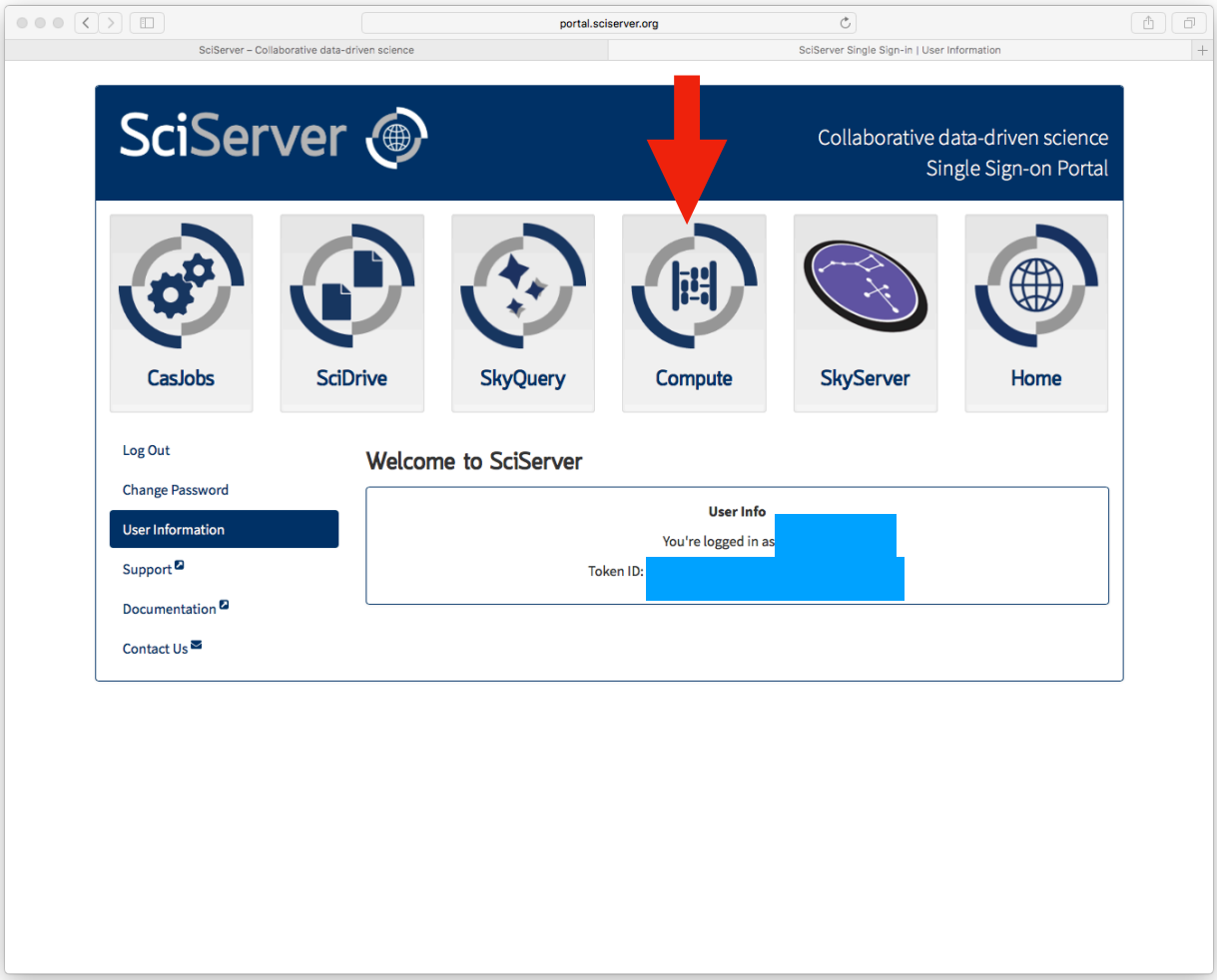
The following instructions will help you:

1. Navigate to www.SciServer.org, and click on “Login to SciServer”.

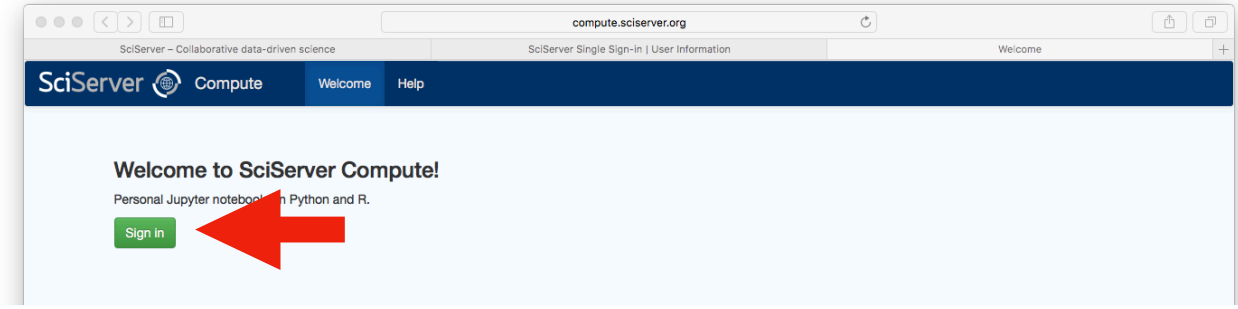
2. Click on “Register New Account”, on the left hand side, and fill in your details. Press submit.



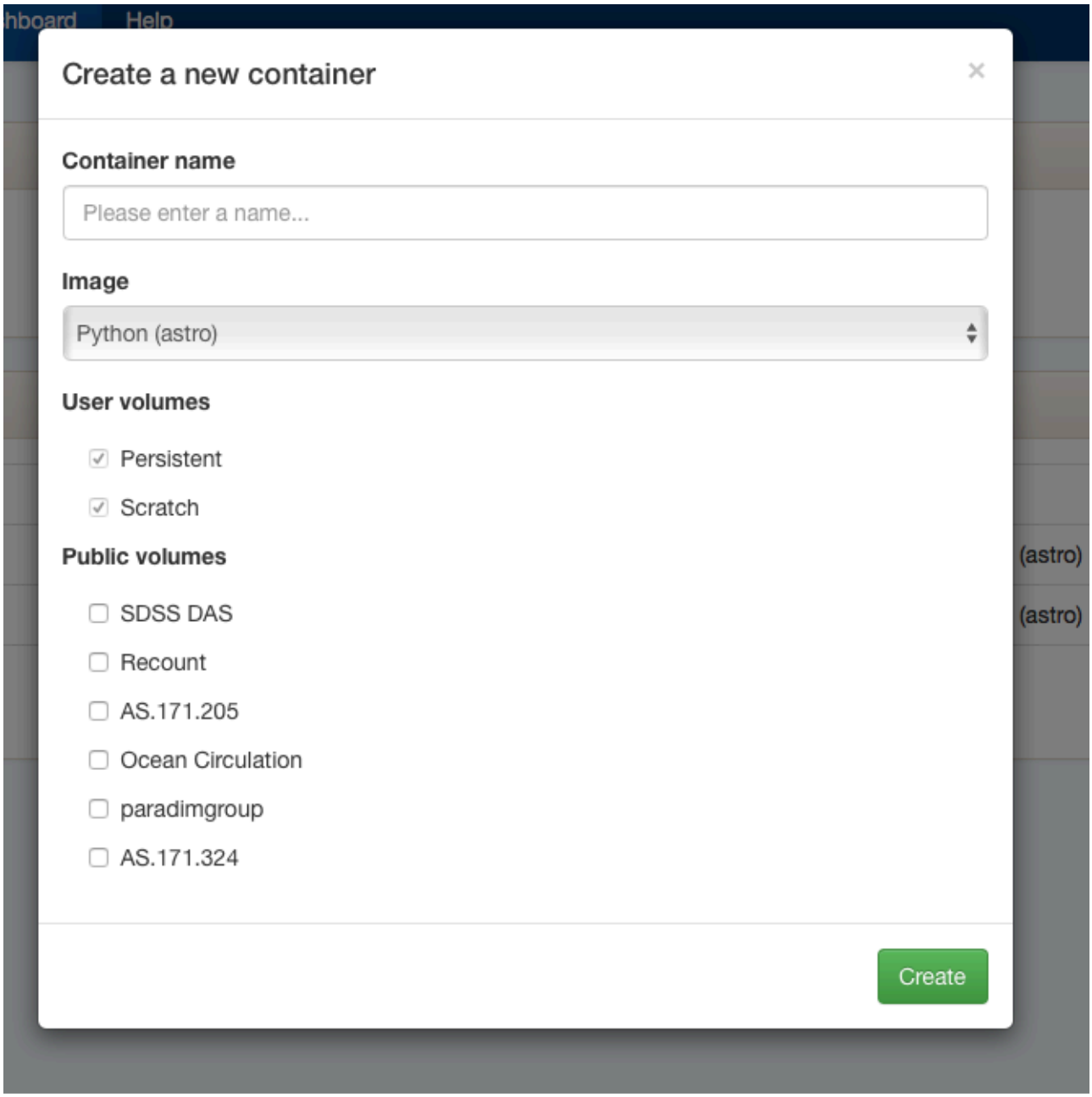
3. Once your account is activated you might need to log in with your details, which will lead you to a Welcome to SciServer panel. Click on “Compute”.



4. There's a spurious extra log-in button at this stage. Just click on it…



5. You'll now be at your list of "containers" - essentially workspaces. You won't have any, so click "Create container". Give your container a sensible name, and leave all other options as they are.



6. Once created, navigate into your container. If you're familiar with Jupyter, you're now in familiar territory. You always want to work on the "Persistent" directory, so navigate onto it.

7. Locate the example python notebooks on GitHub. Download them to your local machine and use the "Upload" button to upload them to your persistent directory.

8. In some cases, the uploaded filenames will end in an unwanted extension. If the filename appears as notebook.ipynb.json or notebook.ipynb.txt, tick the box immediately to the left of the filename. Then click the "Rename" button and delete the extension, making sure the filename ends in .ipynb. Click OK.