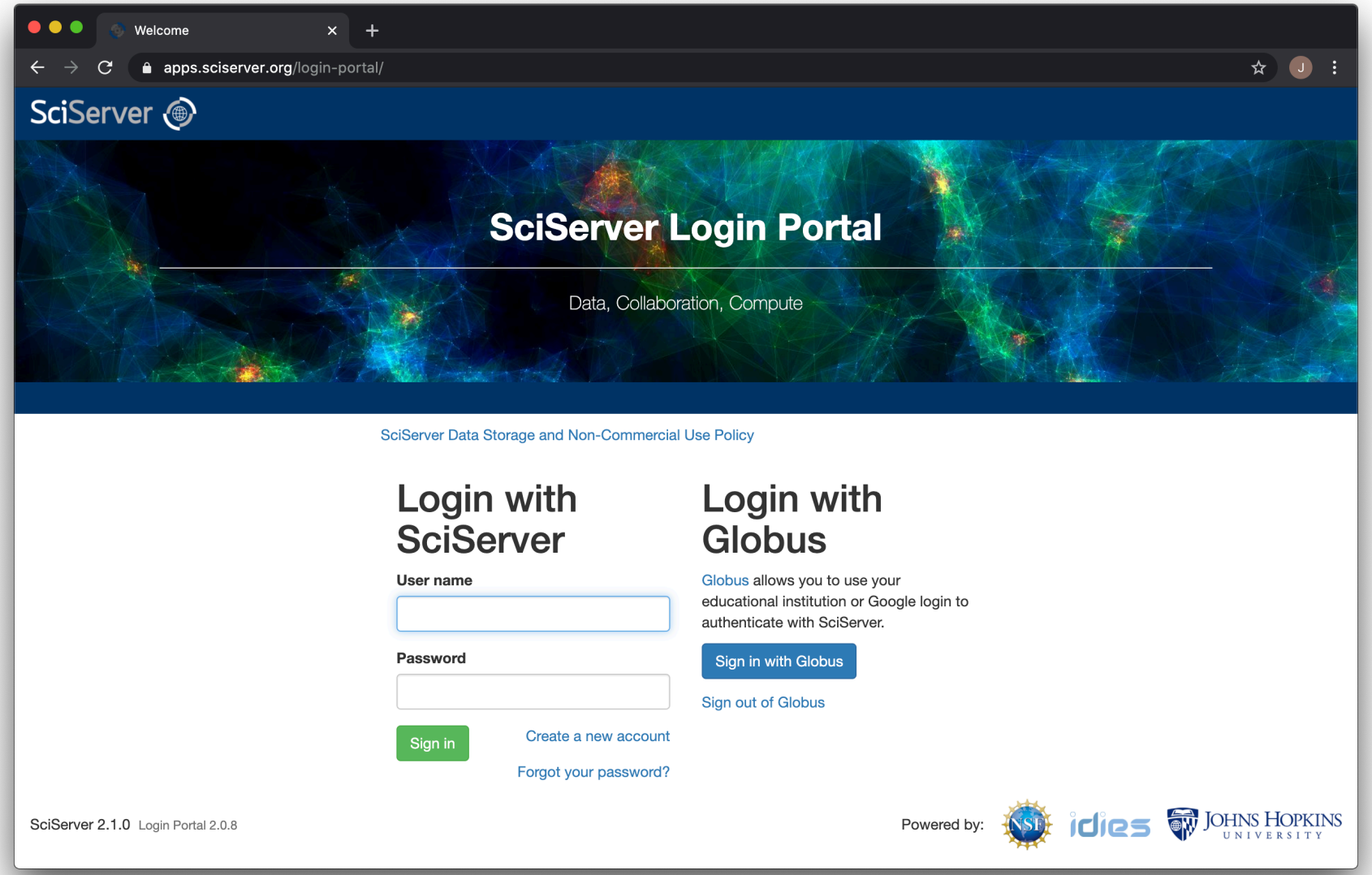
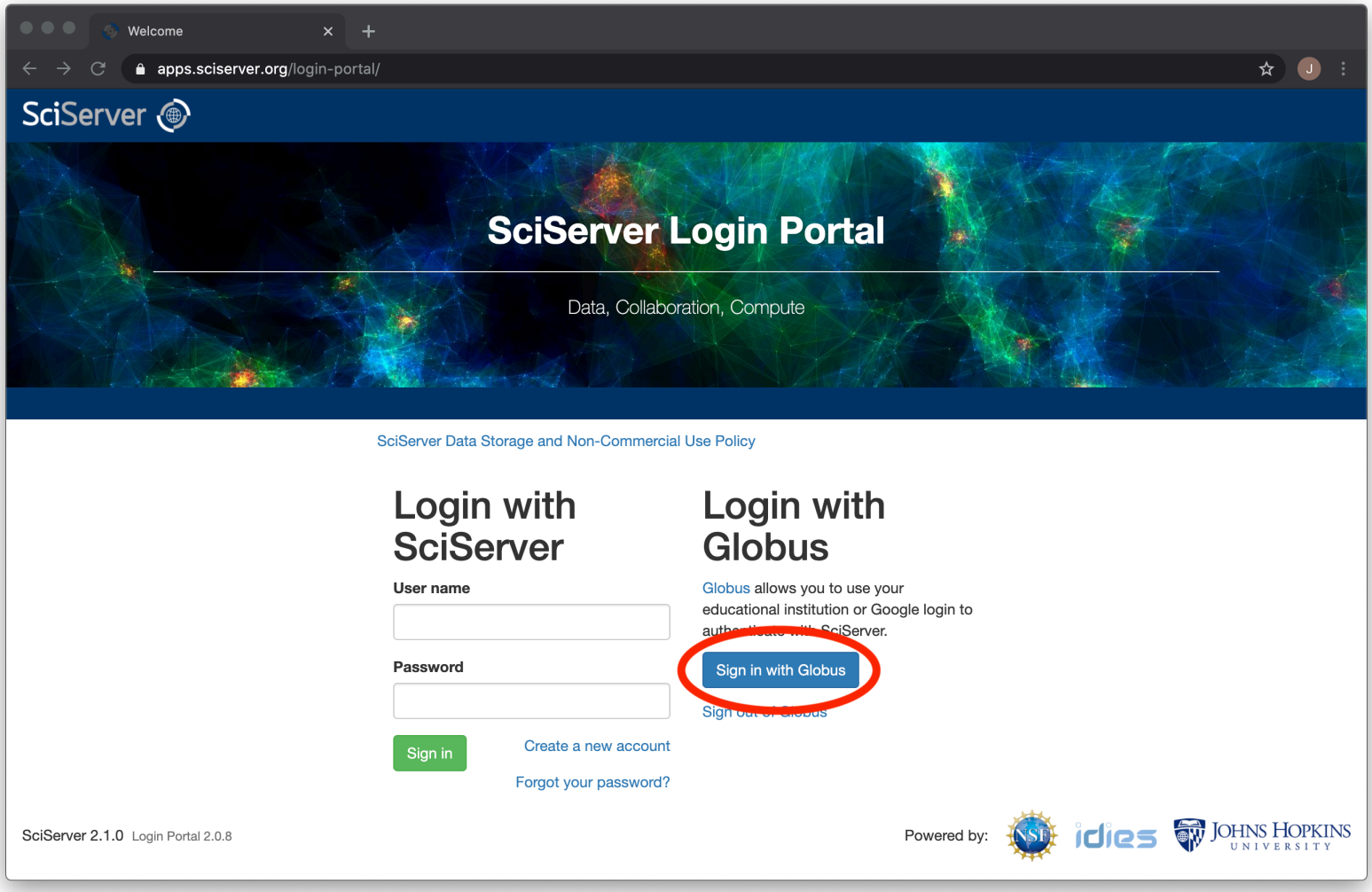
Downloading DR7 Data with SciServer

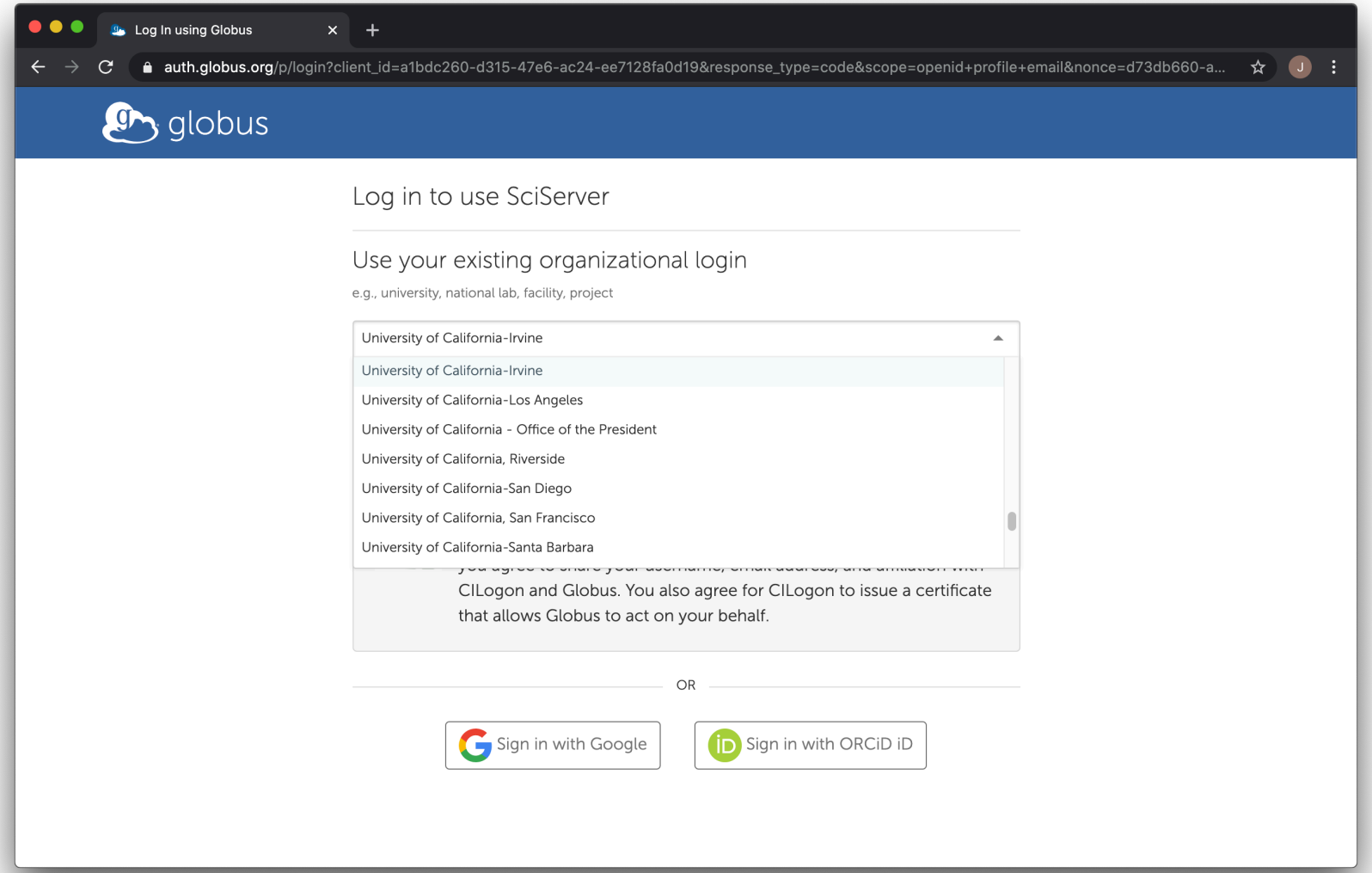
Navigate to the SciServer login portal



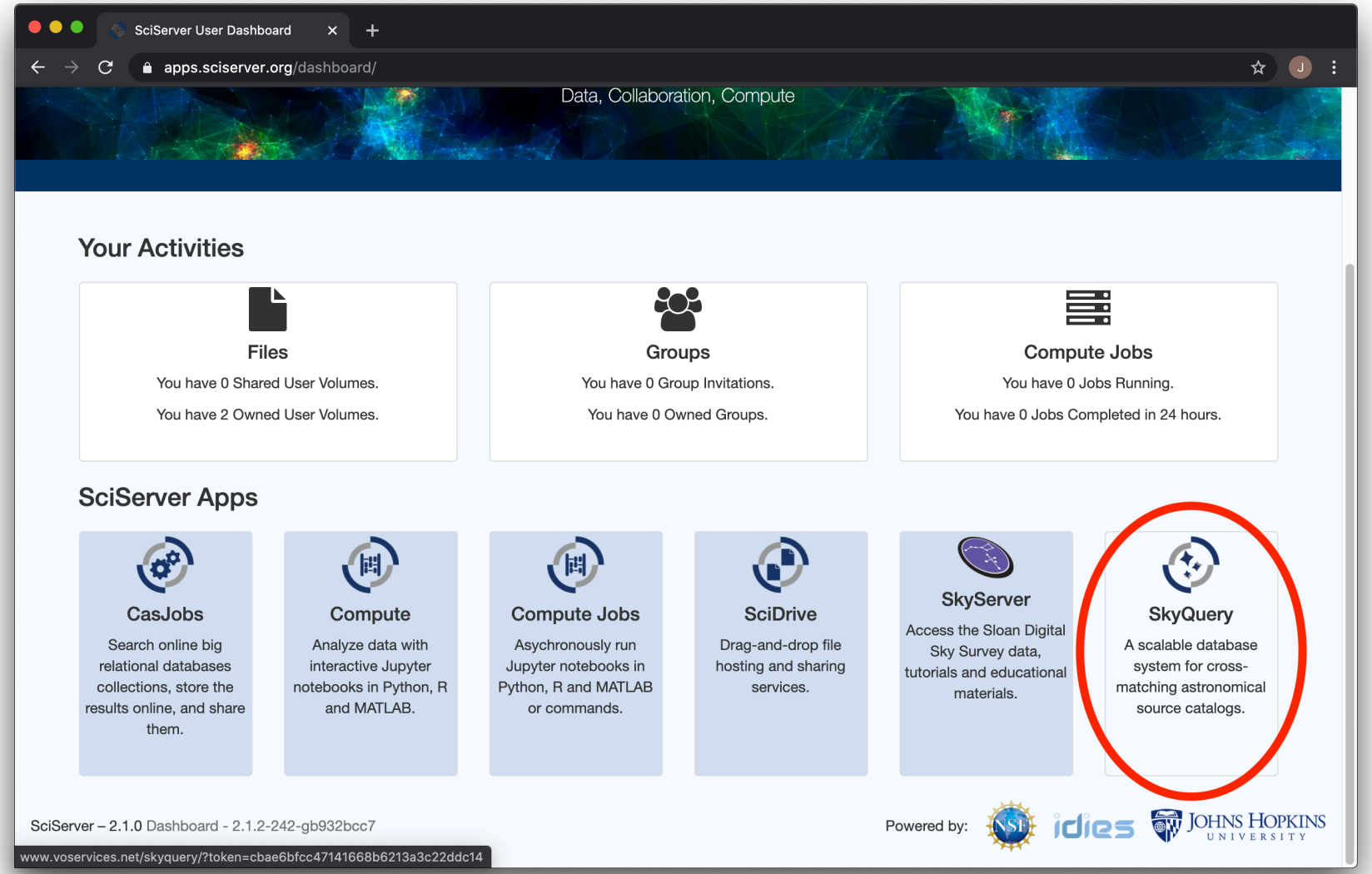
Click on “Sign in with Globulus”



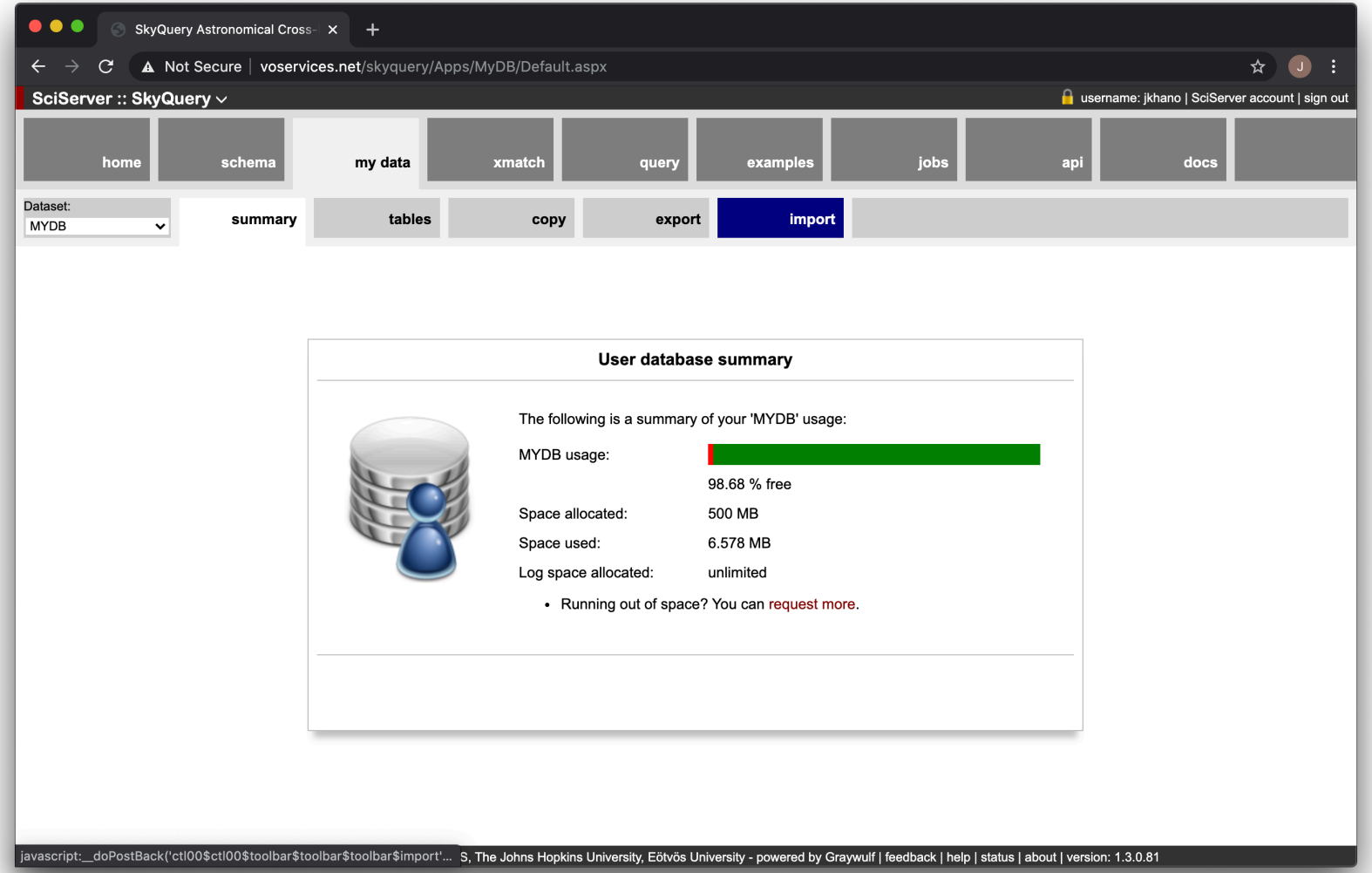
Select your university from the dropdown and login with your school credentials



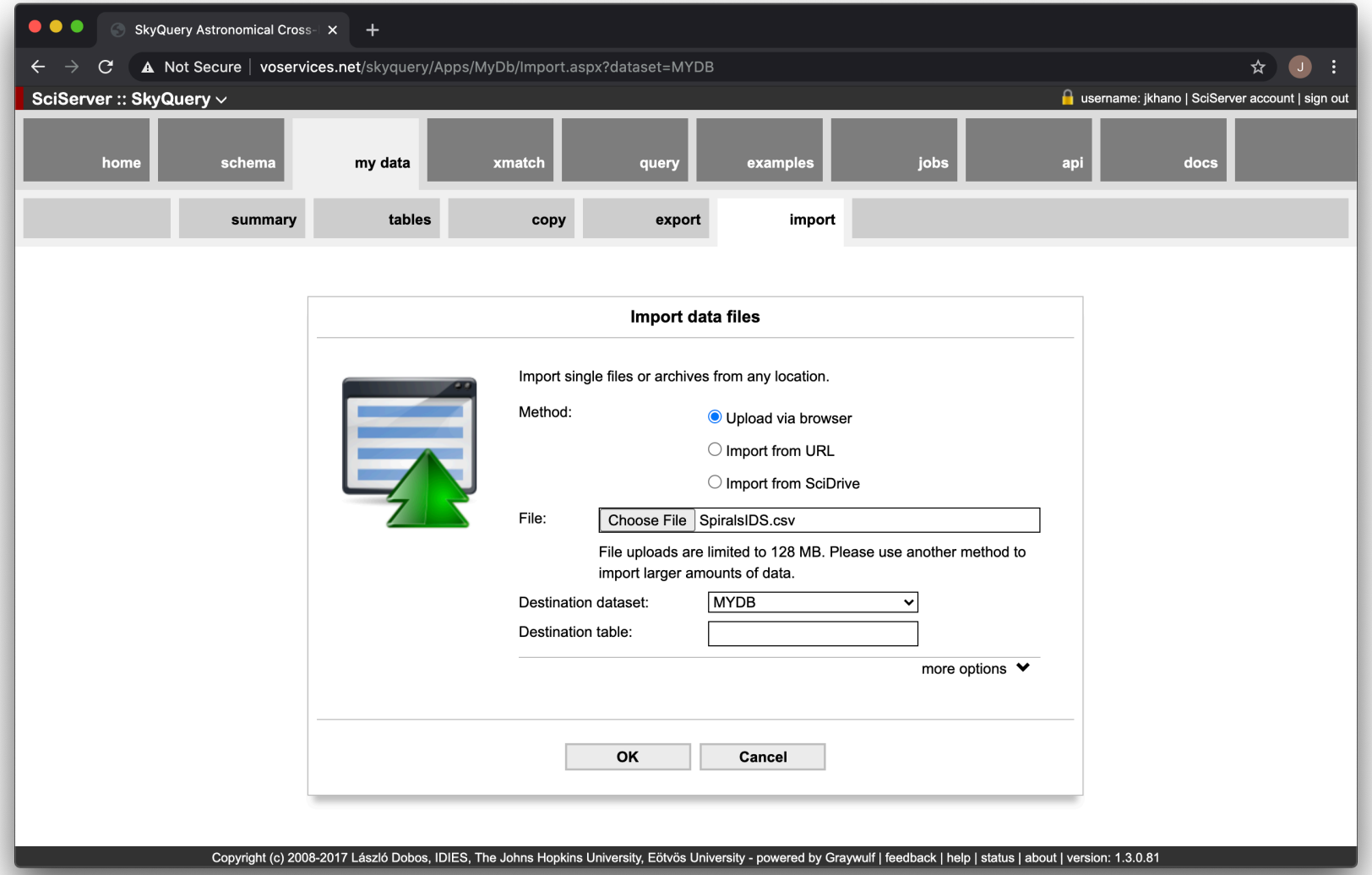
Once you are logged in, go to the SkyQuery app



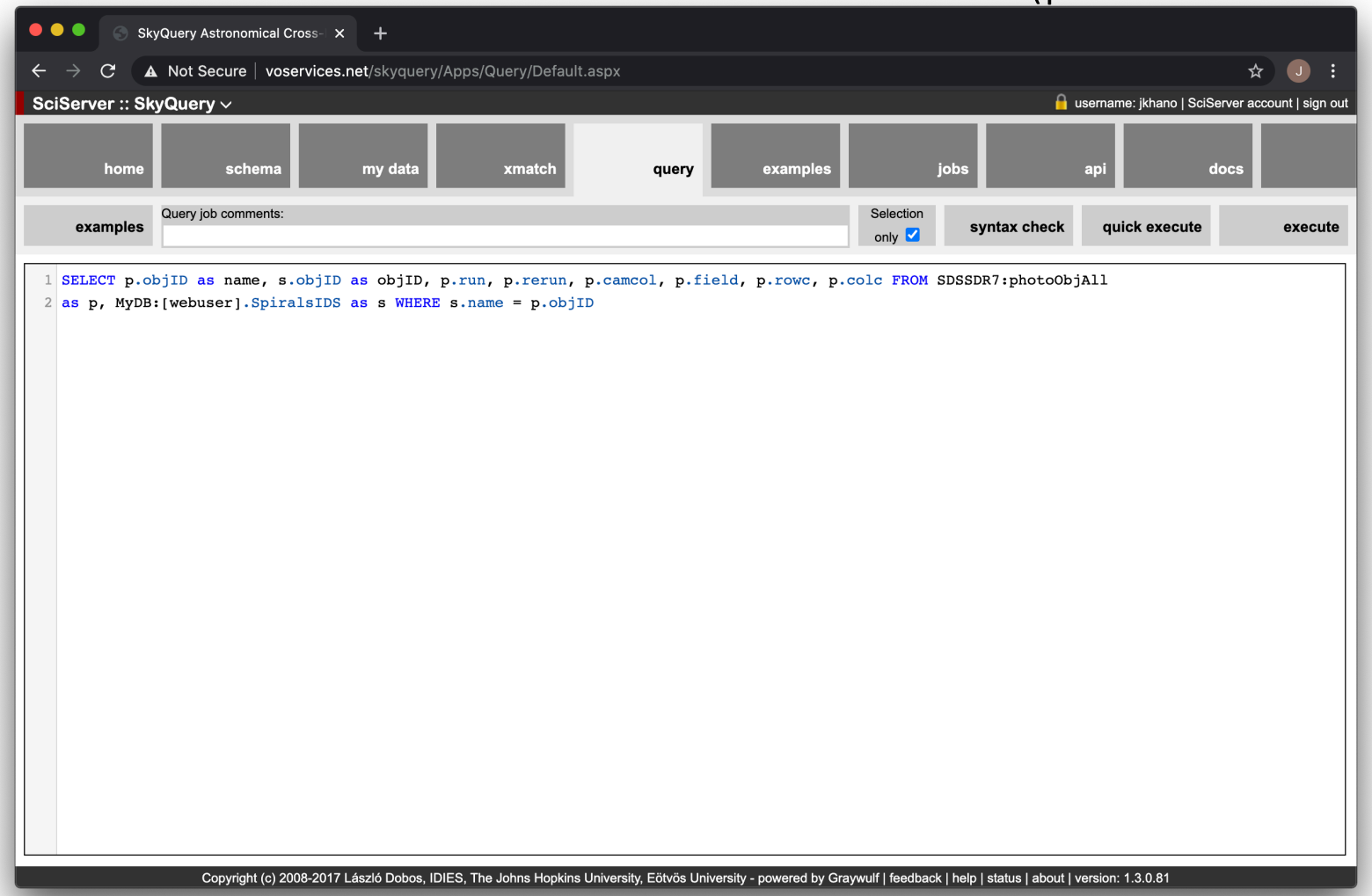
Once you are in SkyQuery, click on “my data” and then “import”



Import the dataset of galaxy IDs you want data for



Navigate to query and paste in the query from the next slide. Adjust fields to fit the naming in your file. To the right is a snippet of what the SpiralsIDS dataset looks like. In this example dataset, our ‘name’ corresponds to SDSS DR7’s objID, but we want the results in the same format as our dataset (plus the other attributes we want).

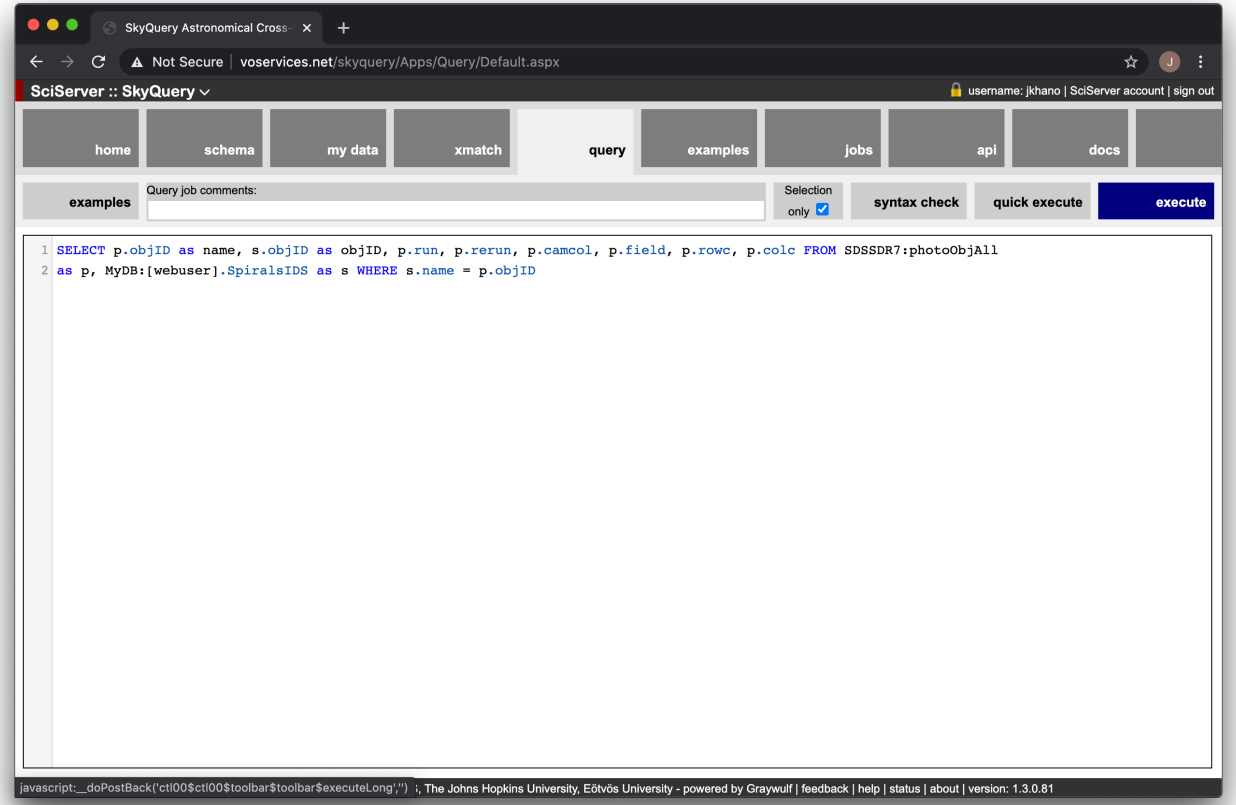


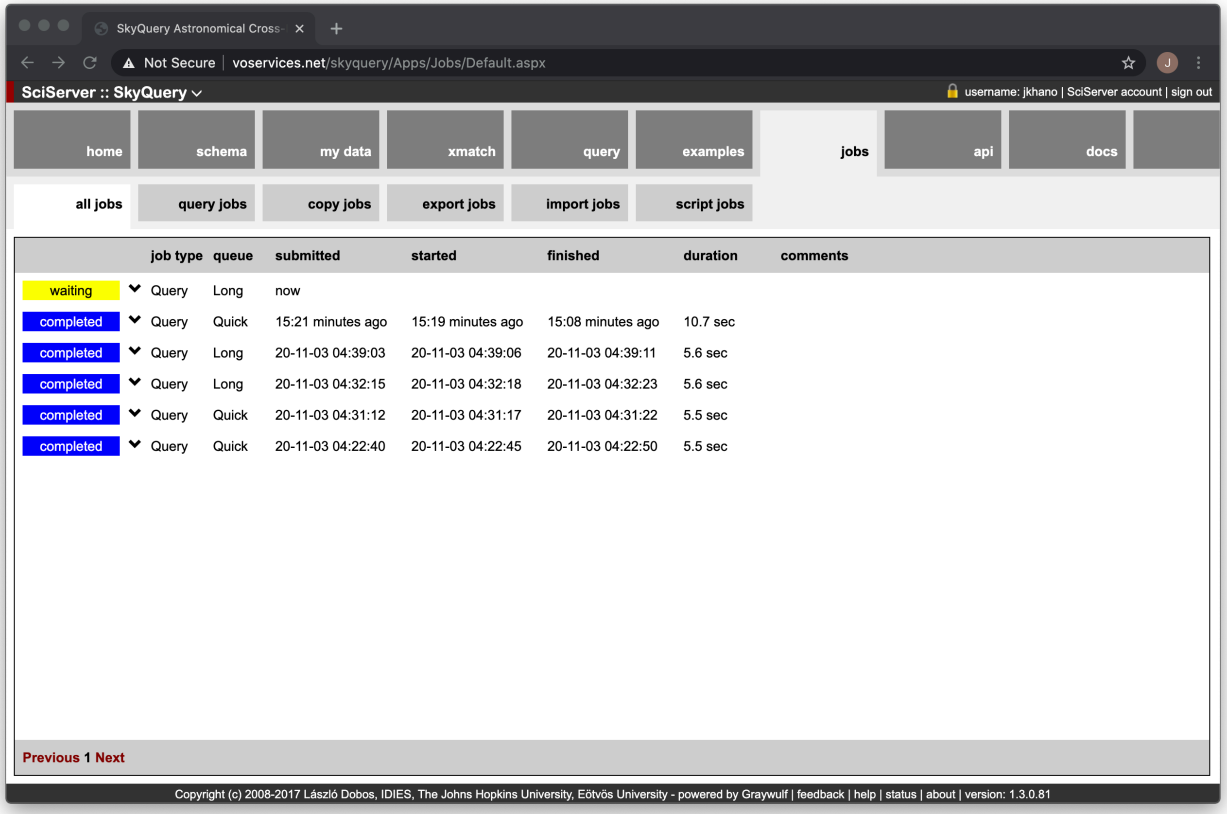
name	objID
587722981742084144	1237648702966988820
587722981742149718	1237648702967054406
587722981742346376	1237648702967251093
587722981743198327	1237648702968103043
587722981743198342	1237648702968103061
587722981744050315	1237648702968955007
587722981744771128	1237671764786020385
587722981745492158	1237671762638602339
587722981746606268	1237648702971511000
587722981747392587	1237648702972297393
587722981747916983	1237648702972821696
587722981748048006	1237648702972952683
587722981748637919	1237648702973542688
587722981750014126	1237648702974918838
587722981750276247	1237648702975180927

You can paste this query and adjust names:

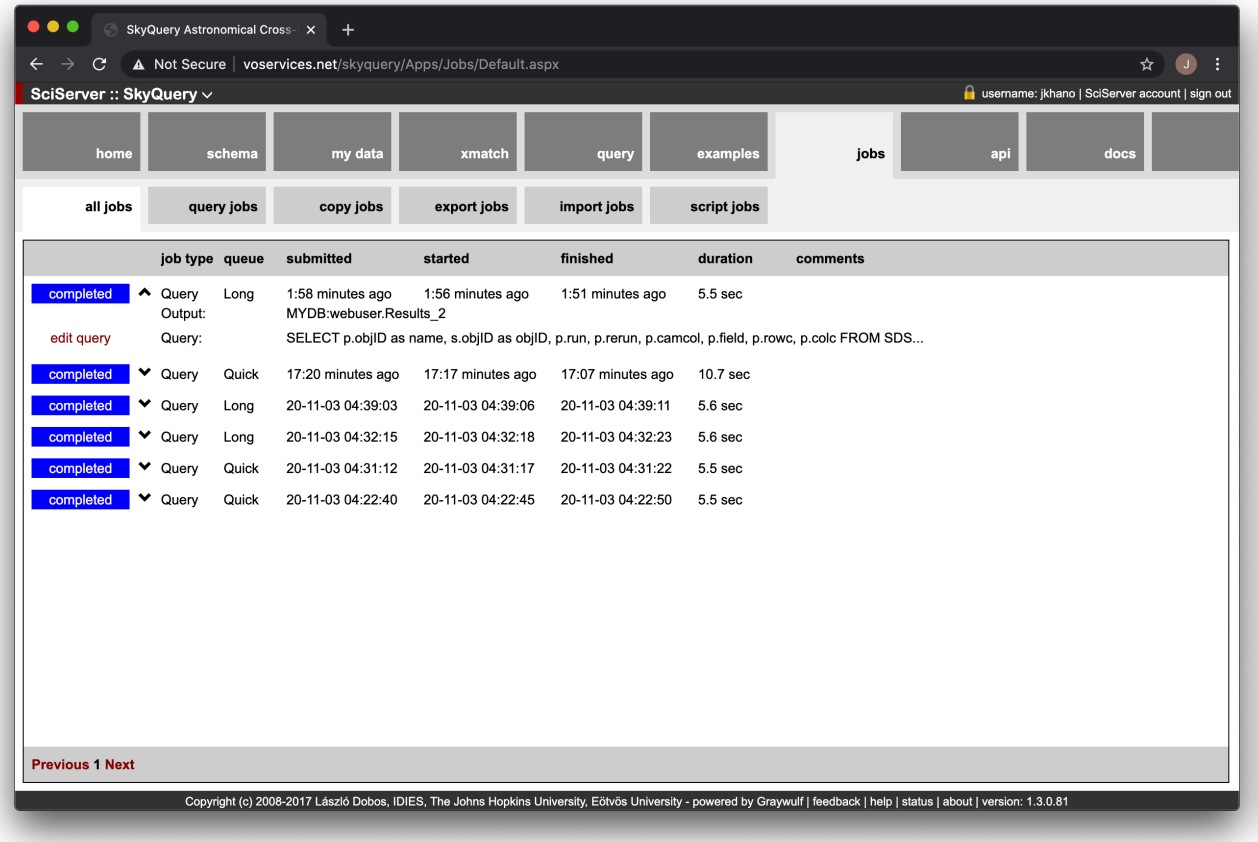
```
SELECT p.objID as name, s.objID as objID, p.run, p.rerun, p.camcol,
p.field, p.rowc, p.colc FROM SDSSDR7:photoObjAll as p,
MyDB:[webuser].SpiralsIDS as s WHERE s.name = p.objID
```

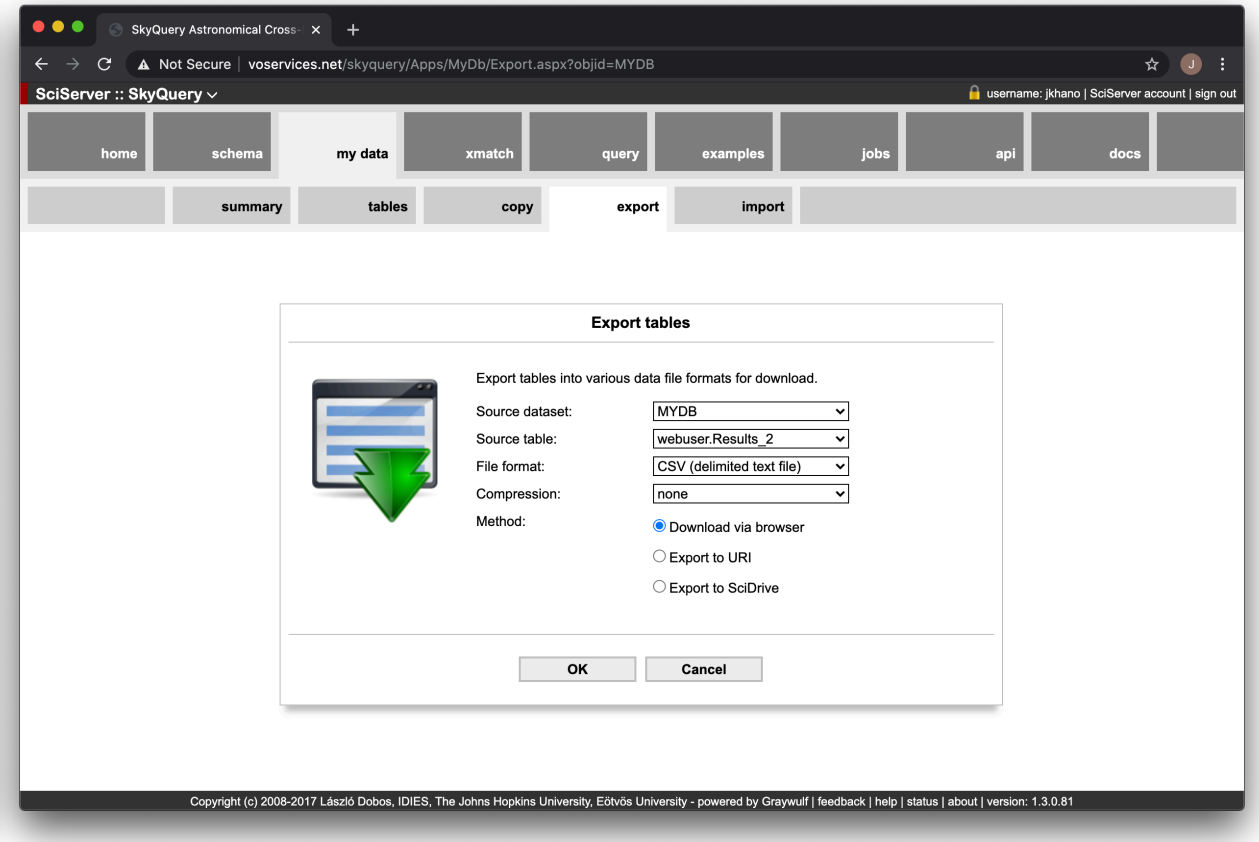
Click on ”execute” to submit the query job and wait until the job is finished (most likely won’t take longer than a few seconds)





Click on the arrow for the job to see the location of the output. Next, click on “my data”, then “export.” Select the location of the results and download as csv.





You are done!