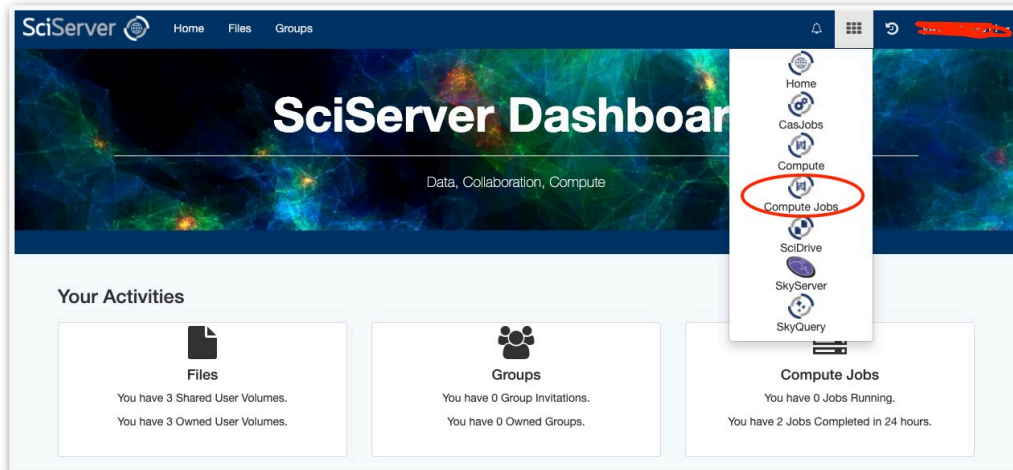
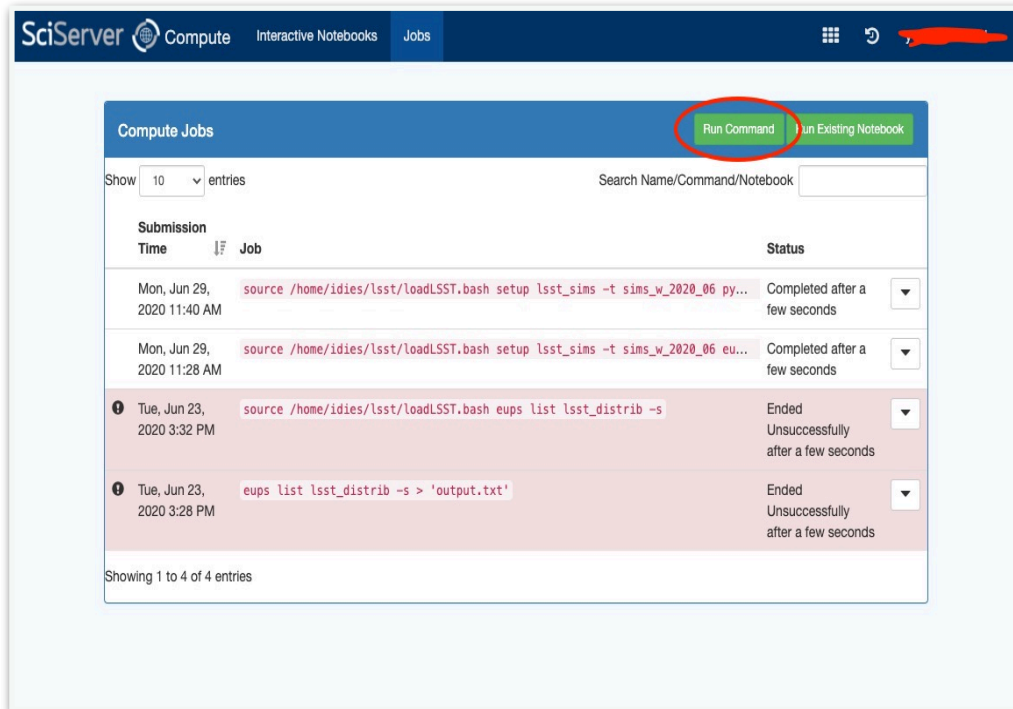


Run Cadence Evaluation as SciServer Jobs

1. Go to 'Compute Jobs' page. They are many ways to get there, below shows how you can get there from the the SciServer home page.



2. Select 'Run Command'.



3. Make sure to select the 'LSST Simulations' image under 'Compute Image' tab.

The screenshot shows the 'New Job' interface with the 'Compute Image' tab selected. A list of image options is displayed, with 'LSST Simulations' selected and circled in red. The other options are: Geo, JH Turbulence DB, Julia, Julia (1.2.0), LSST Science Pipelines, Marvin, MATLAB R2016a, and Oceanography.

Image	Description
<input type="radio"/> Geo	Image with tools for GIS projects
<input type="radio"/> JH Turbulence DB	Image with software for accessing the Johns Hopkins Turbulence Databases (JHTDB)
<input type="radio"/> Julia	Julia Language addition to the Python + R image
<input type="radio"/> Julia (1.2.0)	Julia (1.2.0)
<input type="radio"/> LSST Science Pipelines	LSST science pipeline software, including the lsst_distrib package
<input checked="" type="radio"/> LSST Simulations	LSST Simulations
<input type="radio"/> Marvin	
<input type="radio"/> MATLAB R2016a	
<input type="radio"/> Oceanography	Oceanography

4. Mount the 'LSST Cadence Simulations' volume and be aware of where the volume is mounted.

The screenshot shows the 'New Job' interface with the 'Data Volumes' tab selected. A list of data volumes is displayed, with 'LSST Cadence Simulations' selected and circled in red. The other options are: Getting Started, Manga, Ocean Circulation, Recount, and SDSS DAS. The 'LSST Cadence Simulations' option is marked as 'Read-only'.

Data Volume	Description	Access
<input type="checkbox"/> Getting Started	Getting Started	
<input checked="" type="checkbox"/> LSST Cadence Simulations	LSST Cadence Simulations Will be accessible to this job as <code>/home/ldies/workspace/LSST Cadence Simulations</code>	Read-only
<input type="checkbox"/> Manga	Manga	
<input type="checkbox"/> Ocean Circulation	Ocean Circulation	
<input type="checkbox"/> Recount	Recount	
<input type="checkbox"/> SDSS DAS	Data volume giving access to the SDSS DAS images and spectra	

5. Under the 'Command' tab, put following lines into the box:
- ```
'source /home/idies/lsst/loadLSST.bash
setup lsst_sims -t sims_w_2020_06
python /path/to/your_script.py'
```

The 'your\_script.py' should contain the code that you would normally put in a Jupyter notebook.

**New Job**

Compute Domain   Compute Image   Data Volumes   User Volumes   **Command**

**Command:**

```
source /home/idies/lsst/loadLSST.bash
setup lsst_sims -t sims_w_2020_06
python /path/to/your_script.py
```

**Working Directory:**

Select a location to store standard input/output logs, and act as the current working directory for this job. Enable other writable user volumes on the Files tab to be able to use them here. **Do not use relative paths in the command.**

☒ Use a new folder in the "jobs" Temporary volume (will be created)

- A copy of this command will be placed in a unique, nested subfolder of `/home/idies/workspace/Temporary/ywx649999311/jobs/`.
- Relative paths will be resolved from this location.

< > **Create Job**