**Link with FAQ for sesync resources:** https://collab.sesync.org/sites/support/Frequently%20Asked%20Questions/How%20do%20I%20use%20R%20Studio.aspx

**Notes during meeting on sesyncs computational resources:**

* SESYNC website
  + Cyberinfrastructure
  + Research and tools → Submitting results → please submit results here!
  + Services tab
    - Consulting
      * Ideas and implementation
      * Statistics/data management
      * Lots of experience working in disparate datasets from different fields/interdisciplinary work
    - Meeting technology (videoconferencing, microphones, etc)
    - Computational resources
      * All SESYNC servers are connected
      * Studio Server: used by most teams
        + SSH Gateway (Linux resources)
        + Database backends (MySQL and PostgreSQL)
        + Small-scale research cluster
      * File storage
      * Database access
      * GIS support
      * R support
      * Virtual desktop
      * Scheduled cluster
      * Gitlab.sesync.org
        + Like Github but internal to SESYNC
* Outside SESYNC website
  + GitLab: login using SESYNC username and password
    - Private cloud hosting for code repositories
  + Pydio: shared code
  + RStudio
    - https://rstudio.sesync.org/
    - Shared data: /nfs/FISHMAR-data
    - Why use this?
      * More powerful
      * Can run simultaneously to your own computing
      * (But, have to be online)
    - RStudio is not the compute cluster
    - Shut down 1x a month
  + Virtual desktop
    - All work is shared as FISHMAR user
    - Processes only shut down 1x a month
  + Ssh.sesync.org
    - Doesn’t have a website
    - But can access via Terminal - command line
      * Login through “ssh [USERNAME@ssh.sesync.org](mailto:USERNAME@ssh.sesync.org)”

**Links for gitlab with Rstudio**

Useful link for the use of gitlab with R-studio: <https://jennybc.github.io/2014-05-12-ubc/ubc-r/session03_git.html>

In case something has gone terribly wrong in your gitlab you can reset to the master (i.e. if you made bad changes) <https://stackoverflow.com/questions/16288176/your-branch-is-ahead-of-origin-master-by-3-commits>

This is done in the “shell” where you communicate directly with Gitlab.

**git reset --hard origin/master**

Commit with gitlab:

1. Pull
2. Open commit in git-tab in the R-project (fishmar)
3. Click staged (status should change to A)
4. Write a commit message and press commit
5. Push