Northwestern University

Day 4 - QUEST and GIT

CIERA Research Group

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1 Problem 1 - QUEST

You will now practice creating and running basic submissions on the QUEST supercomputing cluster. For this first problem, create a simple file that prints your name and the current time. Wrap the resulting bash script in a MOAB submission file and submit it to the cluster under the $B1011$ accounting tag and *ligo* queue. *Request a single node and a single core only.* Verify the output.

2 Problem 2 - QUEST, and GIT

Create a folder on QUEST in your home directory called *myScripts*. Using *scp*, copy the codes you have created over the past week from your local machine into your new remote folder. Wrap them as QUEST submissions using the same parameters as above. Submit them to QUEST and verify the outputs.

Figure out how to create a new repository under your GITHUB account. Using your local machine, clone the repository. Add all your scripts to the repo, commit and push them to your new remote repository hosted on GITHUB. Verify your success using your browser. If you forgot how to do something in GIT, the tutorial we watched is here:
https://www.youtube.com/watch?v=Y9XZQO1n_7c

3 Problem 3 - CHALLENGE!

Can you write a BASH script that takes a file of code on QUEST, automatically wraps it in the necessary MOAB machinery, and submits it to QUEST in its current directory?