**RUNNING XDAY ON JOB COMPOSER**

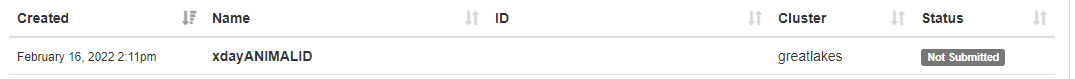
Submitting a Job

1. Log onto Great Lakes
2. Under +New Jobs, Choose Specified Path option
3. All files required to run xday should be in:
   1. /nfs/turbo/umms crburge/Code/AF/newPipeline/pipe.cb/greatlakes/xday
4. Fill out all information in required and optional, name should be xdayANIMALID (example: xdayW10)

Graphical user interface, text, application, email

Description automatically generated

1. A new job should have been created with status “not submitted”



The job detail should look like this:

-don’t worry about the script location, greatlakes creates a temporary (?) directory that stores the job script

-make sure the folder contains all the files needed to run including the script file (.sh)

Graphical user interface, application

Description automatically generated

1. Checking “Submit Script” – the contents of submit script will be displayed in a text box that can be changed in the browser editor

#!/bin/bash

#SBATCH --job-name=xDayTest

#SBATCH --mail-user=alchiu@umich.edu

#SBATCH --mail-type=BEGIN,END,FAIL

#SBATCH --cpus-per-task=36

#SBATCH --mem=18000

#SBATCH --nodes=1

#SBATCH --ntasks-per-node=1

#SBATCH --time=01-2:00:00

#SBATCH --account=alchiu

#SBATCH --partition=standard

module load matlab/R2020a

matlab -nodisplay < xdaystartup.m

Things to change for each job

* 1. Job-name =xDayANIMALID
  2. mail-user=whatever email to be notified at
  3. CPU/Memory= TBD
  4. time= dd-hr-mm-ss (always anticipate more time than you need)

notes for me:

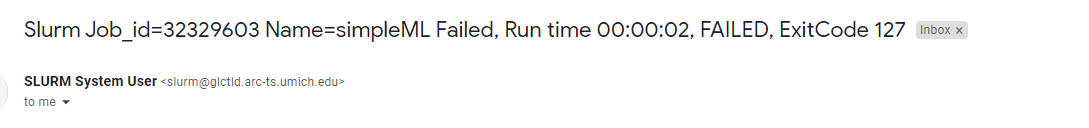
mouse ID with the stim dir

1. Submit job and check email to confirm status

Text

Description automatically generated with low confidence

The job manager will send you an update if the job **fails** with an exitcode #



or if the job has **completed**

Text

Description automatically generated with medium confidence

1. If a new job script is used you may get this error



Open terminal (will require level 1 password and duo)

Type dos2unix filename (.sh file).

Text

Description automatically generated