

GENETIS Meeting Minutes 11/7

Attendance: cade, Carl, Julie, Alex M.

updates: Good progress this week!
woohoo!

(1) • Automate XF: we implemented this!
we no longer have to manually close it.

Todo: we need to script it so
it submits as a job.

we also were looking into Spressing the GUI. unfortunately, it doesn't look like we can do this; however, we found we can submit jobs through using a virtual desktop and this isn't an issue. It will not require you to be physically there.

(2) • AraSim: we've gotten an installation for us to be able to toy with in our Bicone directory. it's successfully compiled.

To do: Go through some instructions Brian has on the vlog to make some plots to make sure it runs as we would expect.

(3). parallelizing / Submitting Arasim Jobs:

We have begun writing something in our bash script that will write $\#$ of job scripts and submits. each of them parallel. This means we can change the $\#$ of individuals and we can always be sure to have that same number of job scripts.

Within these job scripts we will also be submitting multiple arasim runs for each individual. These scripts are being currently written by students this week.

Note we can only run 6 xf Sims at a time since we only have 6 tokens.

Todo:

we need to figure out how to wait to move on in the case we are running, say, 100 individ.

XF outputs current status to terminal & saves it to a file. So, we can go back and look at it later to see that we are overstepping our license capabilities.

(4). current loop status without edits:

Alex went home and tried to run as-is. He got an error on the first run that said the output.xmacro had an error writing to File - i.e. it wasn't found.

When he looks at his output directories it looks like things are being filled at all points in the loop; however, we need to confirm stuff is in there.

→ It looks like while looking into this at the meeting it might not be filling ara output data.

This seems to be a permissions issue.

To do we should make sure we change permissions to 0770 in the entire bicone directory each time we run. Otherwise, it's not able to use the created files in each step!