

hostname

→ see node name

introot

→ allows removal

squeue -v Konhibit

→ see all nodes available

~~vi hostfile~~

1) → vi hostfile

[
root, pvt, bridges, psc, wr
root
root
root
root]

wq

2) → mpirun -np 4 -host root... root... root...

→ " " " --hostfile hostfile 2>output.log

3) See running on each node:

→ ssh root

→ Htop

4) Measure Time at Task on each node: (and run at same Time)

→ /usr/bin/time -v mpirun -np 4 python3

→ Elapsed (wall clock) Time //

→ introot -p RM -n 4 -t 12:00:00

TMUX :

→ tmux

Wd + B → D go back to original directory
Windows when to up → Tmux

→ tmux list-session

→ tmux a -t Q attach ~~tmux~~ o

→ Wd + D kill session

tmux from Tmux and then go to bridges

X ... F007 ... F009 ... 100m Jean- P 90m - windows

✓ pol. Inguruks shift left shift right - 11

i have done no windows yet?

100m 100m 100m

got it 100m

(not yet to my way) : other done in Not to my way

(not yet to my way v- not to my way)

done (Not to my way)

```
/usr/bin/time -v mpirun -np 4 python3 benchmark.py  
--ndims 2 --results /home/kurabit
```

Stressing individual cores:

install stress-ng-0.10.10 on bridges log-in node, make and run:

```
/usr/bin/time -v mpirun -n 2 python3 helloworld.py
```