Where to Go & What to Do Next

OSG User School 2019 – Friday afternoon

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Getting Resources
Options for Resources

• Your own lab
  ▶ Start a small cluster with workstations
  ▶ Can grow or merge with others

• Your own university (or institution)
  ▶ No cluster? Talk to your CIO
  ▶ Get others interested and petition

• Collaborators (ask nicely)

• OSG (via OSG Connect)
Using OSG

• For ~1 year, you may use learn.chtc.wisc.edu

• OSG Connect
  ‣ training account will exist for ~1 month
  ‣ Apply for persistent account any time (next)

• Look for an existing organizational submit pt.
  ‣ Any good fits?
  ‣ Ask us if you can’t find one that should exist

• Create an organizational submit point? tl;dr: no
  ‣ Not for a single person, but for a group…
  ‣ Takes time, expertise, and site acceptance
OSG Connect After the School

• Regular documentation: https://support.opensciencegrid.org/support/home

• s19_∗ accounts on training.osgconnect.net will expire after about 30 days!

• When you’re READY for a full account:
  1. Go to https://osgconnect.net/
  2. Click “Sign Up/Sign In”
  3. Log in (or create account) with Globus, using an institutional email address, join as your globusid username (rather than a campus or XSEDE username).
  4. After that, Carrie/Christina/Lauren will reply to your account request (say you attended the school!) and approve it after confirming a new (or existing) OSG Connect project for your research group!
Staying in Touch
How to Reach Us

• For OSG Connect, Connect Client, OSG sites…
  ‣ user-support@opensciencegrid.org
  ‣ Reaches the OSG Research Computing Facilitators

• For learn, osg-learn, CHTC, and anything else
  ‣ user-school@opensciencegrid.org
  ‣ Reaches Tim and Lauren… & indirectly, many others

• Any time, for any reason, email us directly:
  ‣ Tim Cartwright <cat@cs.wisc.edu>
  ‣ Lauren Michael <lmichael@wisc.edu>
A Note About Mailing Lists

- We use mailing lists a lot
  - Esp. user-school@opensciencegrid.org
  - (Which will remain active indefinitely)

- We are not hiding or trying to avoid you!
  - A list reaches everyone who can help
  - If (e.g.) I am on vacation, Lauren will reply
  - Please, please do not hesitate to email us!
Online Support

Websites

- htcondor.org
- htcondor.org/manual
- www.opensciencegrid.org
- support.opensciencegrid.org
- osgconnect.net
- chtc.cs.wisc.edu
- chtc.cs.wisc.edu/guides

HTCondor homepage
HTCondor manual
OSG homepage
Forums, docs, support
OSG Connect
CHTC Website
CHTC How-To Guides

Mailing Lists

- user-school@opensciencegrid.org
- help@opensciencegrid.org

will remain
general OSG help
Contacting Other Participants

- OPTIONAL!
- PUBLIC!
- Only share what you are comfortable with
- https://docs.google.com/spreadsheets/d/17E9DFVq9klmo9-PybyoCZddfslYS-LG5NQPDwfFlCXk/
Getting Home
Tomorrow Morning…

[Map of weather conditions with various symbols and labels indicating different types of weather phenomena such as rain, snow, and storms.]
Flying

- Check flight status *early* and *often*!
- Check *before* you leave
- If there are problems before you leave, you can call FWT or the airline
- Once you are in the airport, you can go to an airline agent, or call the airline, or call FWT
- You can let us (School list) know about changes and problems, but there is little we can do
Travel to the Airport

- Shuttle/taxi groups today – seem to be good
- You may arrive at the airport a bit early …
- Remember: For a taxi or ride-share, the person who pays should get a receipt and write down everyone (from the School) who shared the ride
Reimbursements
“I want my two dollars!”

• What can be reimbursed?
  ‣ Bus fare to/from Madison
  ‣ Taxi or ride share to/from Madison airport
  ‣ Driving mileage, *if prearranged*
  ‣ Dinners (Mon. – Thu.), up to $27
  ‣ Other *prearranged* things
  ‣ Why do we ask for receipts?

• How to get reimbursed?
  https://opensciencegrid.org/user-school-2019/logistics/reimbursements/
Final Assignment
Goal of Assignment

- Apply new knowledge to your own work
  - Describe 1 research challenge
  - Sketch HTC solution
  - Fill in as many details as possible
  - Maybe think of it as an informal proposal

- Show us – and others! – what you learned
  - Help us improve School
  - Impress your advisor and colleagues
  - Demonstrate value to funding agencies
Assignment Details

• Full description is posted on the website https://opensciencegrid.org/user-school-2019/curriculum/assignment/

• Due by the end of August

• Submit to School mailing list for review

• We will ask you before sharing outside the group of instructors, and you may say no
Final Thoughts
The OSG Family

• We challenge you to:
  ‣ Do and/or support research with us
  ‣ Use our software
  ‣ Use our resources
  ‣ Contribute to our collaboration and team

• You challenge us to provide new solutions!
Don’t let computing be a barrier to discovery!
The Path Forward

• Use your new skills powers
• As often as possible!
• Keep learning new things
• With time & practice, you will have superpowers!
• Let us know how that goes
Any sufficiently advanced technology is indistinguishable from magic.

– Arthur C. Clarke
Closing Dinner

Fluno Center (601 Univ. Ave.), Skyview Room
6:30 p.m.