

Research Computing


The Center for Research Computing (CRC) manages shared computational clusters for a wide range of research projects affiliated with Rice University and the Texas Medical Center.

Tutorials

Because our clusters are highly complex environments, we do expect our users to acquire a basic set of skills before they get started. We understand that the range of computing experience among researchers can vary widely. In any cross-disciplinary field, there exists a need for introductory material to get researchers up to speed on fundamental concepts. We've gathered the following list of tutorials on varying computing subjects that we think will be of use.

At the least, a cluster user should understand:

- Basic file/directory manipulation under Linux
- Creating/Editing files under Linux
- Writing and submitting job scripts
- How to login to the clusters
- How to copy data in and out of the clusters
- Know whether your jobs are serial or parallel


 Start here: [CRC Tutorials](#)


National Resources


Part of the mission of the CRC is to serve as an onramp for our researchers to scale their problems up to the minimum size requirements at big national supercomputing resources. One such national resource is the Extreme Science and Engineering Discovery Environment or [XSEDE](#)

Common Questions About TeraGrid/XSEDE

Quick Links

 [Get an Account](#)


 [Which System Should I Request?](#)

 [How Much Does It Cost?](#)


 [Condos](#)



 CRC Policies

 Visualization

 Our Resources

 File a help request ticket

Cluster Documentation

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|--------------------|-----------------|--|-----------------------------------|
| Blue BioU | Getting Started | Cluster Documentation | |
| DAVin CI | Getting Started | | |
| NOTS | Getting Started | | |
| Power Omics | Getting Started | | |
| STIC | Decommissioned | | Decommissioned: Jan 29th, 2016 |
| SUGAR | Decommissioned | | Decommissioned: July 1st, 2014 |
| Blue Gene/P | Decommissioned | | Decommissioned: June 3rd, 2015 |
| Blue Gene/Q | Getting Started | | |
| DTN/D TN2 | Getting Started | Data transfer nodes | |
| SPICE | Getting Started | Shared Pool of Integrated Computing Environments | |

Software Documentation

- [Mathworks MATLAB](#)