

A Flack and INSTOOLS tutorial



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Background

- Flack

- Part of ProtoGENI (one of the GENI control frameworks) project
- A graphical user interface based on Flash for ProtoGENI
- Developed by the University of Utah (PI: Robert Ricci)
- To specify and allocate resources from GENI aggregates

- INSTOOLS

- Instrumentation and measurement tools for ProtoGENI experiments
- Developed by the University of Kentucky (PI: Jim Griffioen)
- To Monitor experiments and present measurement information
- Integrated with Flack



Outline

- Introduction
- Account, certificate, and ssh keys
- Log Into Flack
- Create a slice/an experiment
- Instrumentize the experiment
- Monitor the experiment
- Log into experimental nodes
- Run programs at experimental nodes



Introduction

You describe a network

ProtoGENI builds it for you



Your Network

- A “**Slice**”
 - isolated from everyone else's slice
 - consists of slivers
- Described in terms of nodes (hosts, routers, etc.) and links
 - Description is done with an **RSPEC**
(Resource SPECification)
- Resources are allocated from **aggregates**



Continue at

<http://www.protogeni.net/trac/protogeni/wiki/GeniTutorial>