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GEC 11
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ProtoGENI CF Update

THE UNIVERSITY OF UTAH

Main Themes

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- Federation
- Stitching
- Growth in userbase
- Flack
- Small, behind the scenes changes

Federation

- Federation with PlanetLab solidifying
- Federated with new PLCs, including PLE and MAX-PLC
- PlanetLab now supports RSpec v2

Userbase

- 298 users registered at clearinghouse
- 112 members of protogeni-users mailing list
- 67 members of protogeni-dev list
- Creating > 1,000 slices / month
- Lots are not using Utah SA

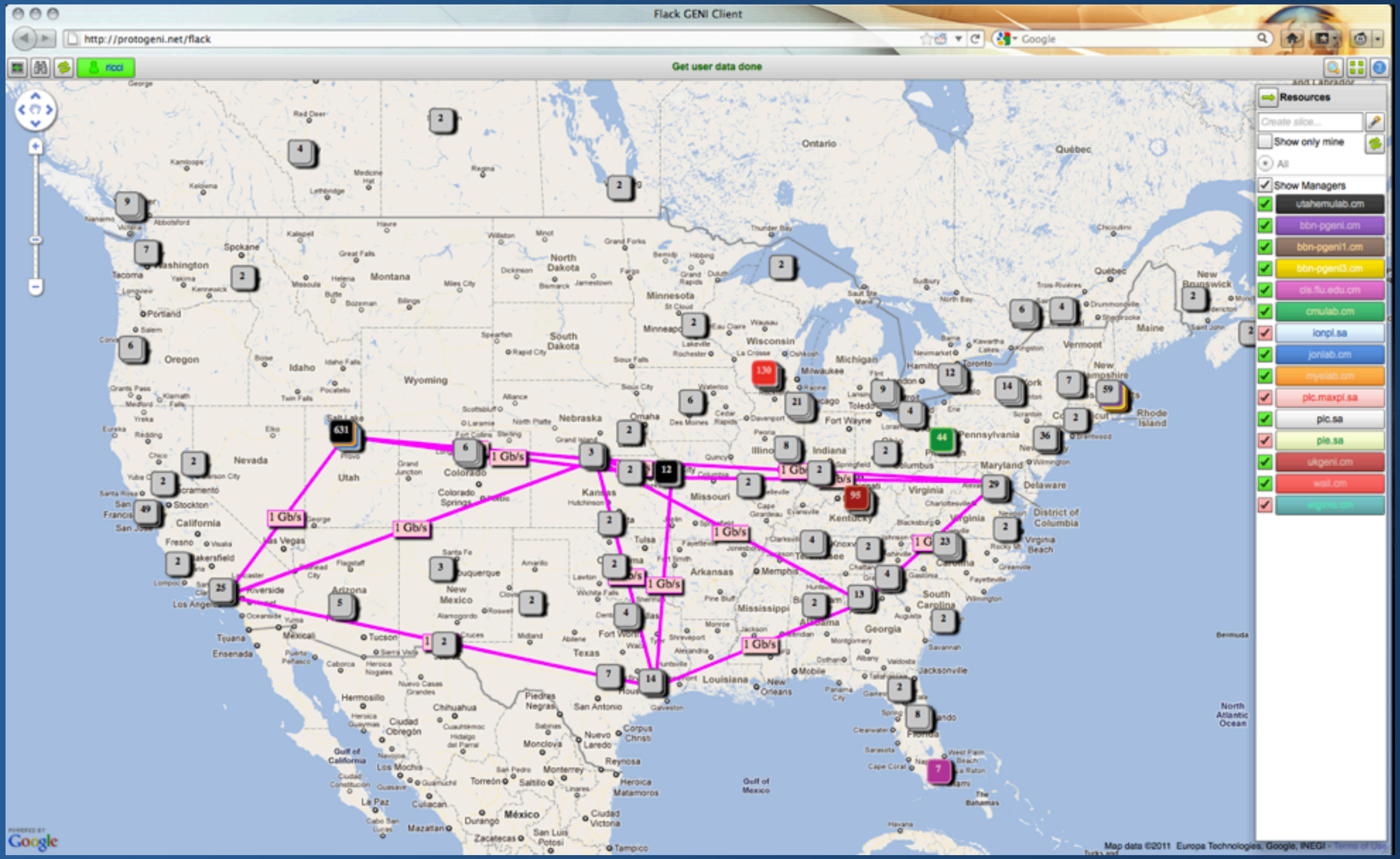
Stitching

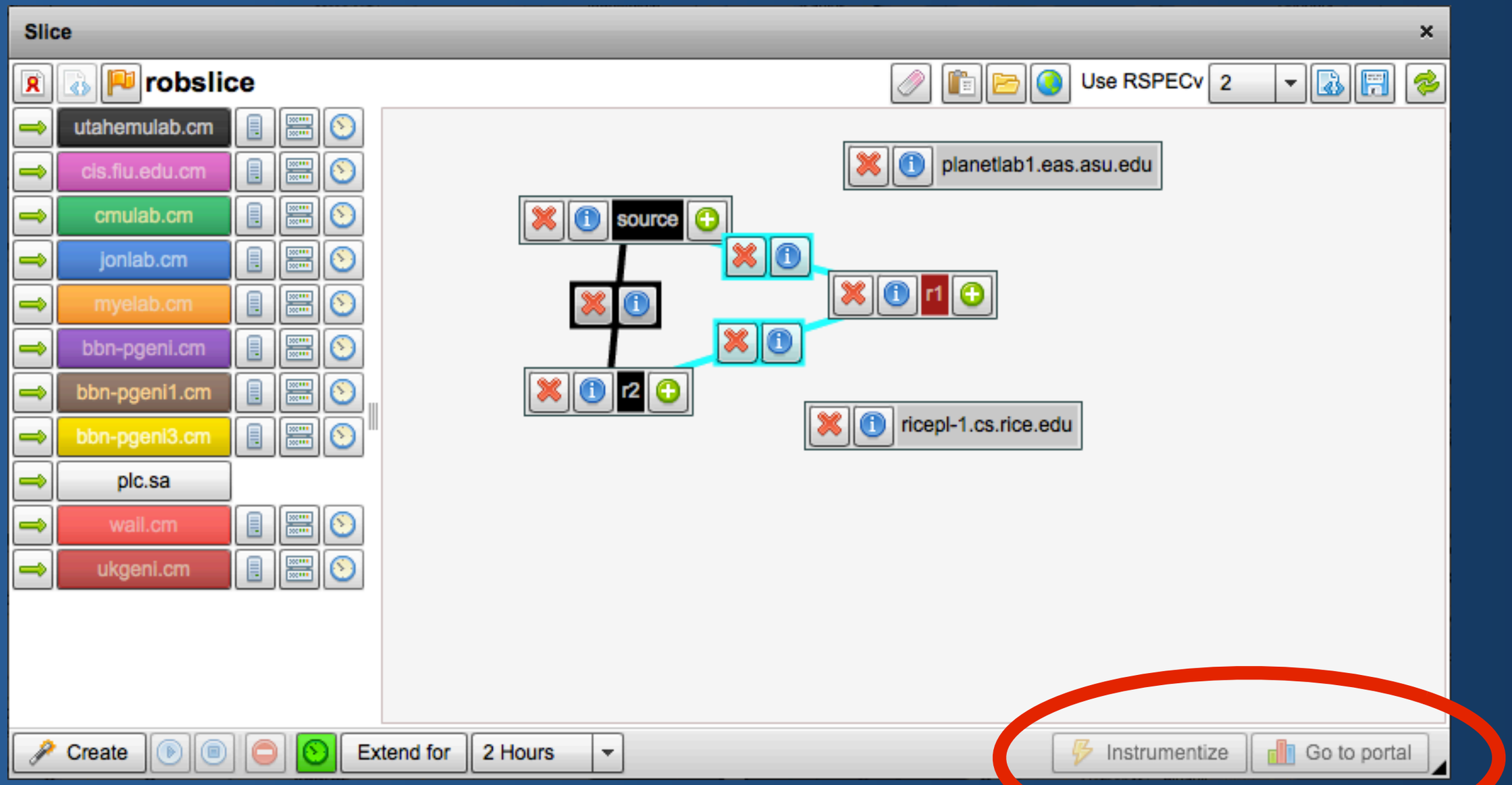
- Creating links that cross aggregates
- … across frameworks too
- Automated stitching working with MAX
  - Internet2 ION linking PlanetLab nodes in MAX
  - … with cluster nodes in Utah
- More on this tomorrow

Flack

- Flash client for {Proto,}GENI APIs
- Lots of enhancements based on user feedback
- Live now on groups.geni.net
  - Embeddable in other websites as well
- Tutorial later today
- Beginning to integrate 3rd party tools
  - Want to integrate more

- http://protogeni.net/flack


Flack GENI Client
http://protogeni.net/flack
Get user data done
Resources
Show only mine
All
Show Managers
utahemulab.cm
bbn-pgeni.cm
bbn-pgeni1.cm
bbn-pgeni3.cm
cis.flu.edu.cm
cmulab.cm
ionpl.sa
jonlab.cm
myelab.cm
plc.maxpl.sa
plc.sa
ple.sa
ukgeni.cm
wail.cm
wigmo.cm
Map data ©2011 Europa Technologies, Google, INEGI


Slice
robslice
Use RSPECv
2
utahemulab.cm
cls.flu.edu.cm
cmulab.cm
jonlab.cm
myelab.cm
bbn-pgeni.cm
bbn-pgeni1.cm
bbn-pgeni3.cm
plc.sa
wail.cm
ukgeni.cm
planetlab1.eas.asu.edu
source
r1
r2
ricepl-1.cs.rice.edu
Create
Extend for
2 Hours
Instrumentize
Go to portal