



GENI

Experimenter Roundtable

GEC13

Mark Berman
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www.geni.net

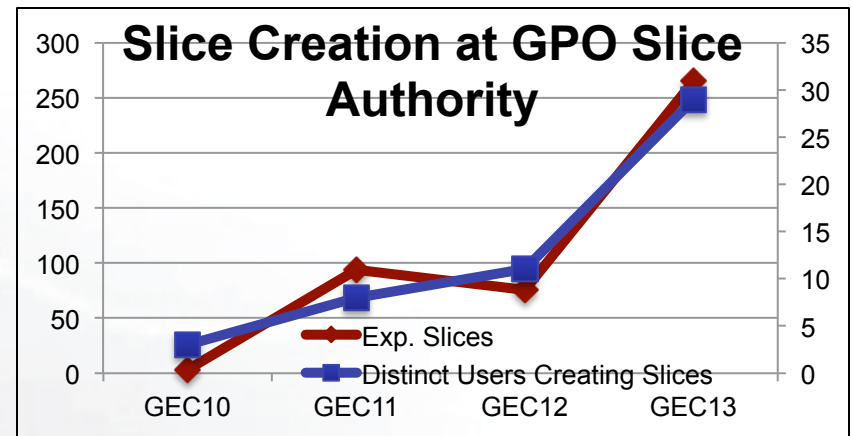
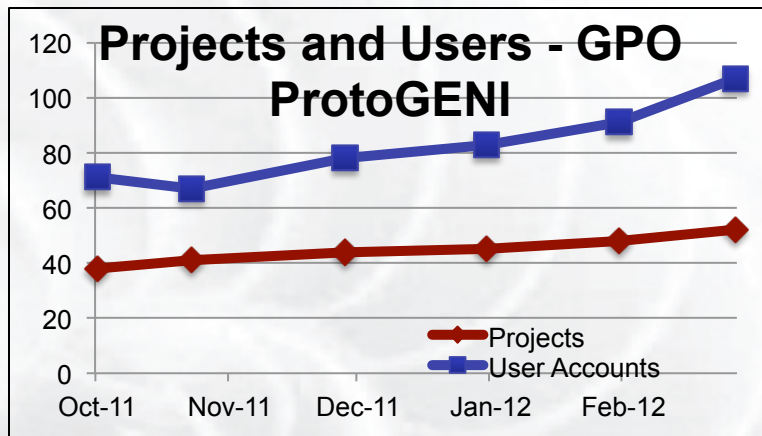
- GENI is a spiral development effort
 - Early engagement with users and a strong feedback loop is what makes spiral development work
- The GENI development community learns from experimenters' successes and challenges
 - Please tell us how you are succeeding in using GENI (we love getting copies of papers, in-progress results)
 - Please let us know when you run into trouble
 - Feedback should be frank and should be taken in the spirit of friendly advice.
 - Please don't forget to mention concerns that may seem obvious (or repetitive)
 - Feedback welcomed any time at help@geni.net

- Experiment Support, Mark Berman, GPO
- Experiences with GENI (30 mins)
 - Jim Griffioen, University of Kentucky
 - Kaiqi Xiong, Rochester Inst. of Technology
 - Dilip Kumar, UMass Amherst
- Open discussion

What are GENI experimenters doing?

Plenty of good news

- Experimenters are:
 - Registering more users and projects
 - Creating more slices



- Asking for more help
- Consuming more resources

- Faculty are beginning to incorporate GENI into their distributed computing and networking classes
 - Experience reports from two of these classes to be presented during this session
- Planning for July workshop on tools and curricula for distributed computing
 - Organized by Jeannie Albrecht (Williams)
 - In conjunction with GEC14 in Boston

- GENI should make easy things easy and make hard things possible
 - Shift experiment support efforts toward the former
- Simplify startup process for new users
 - Easier enrollment and configuration (less contact with crypto stuff)
 - More (and better organized) online examples
 - Sample assignments for classroom use
 - Tutorials in non-GENI venues
- Focus tools, examples, support on key capabilities
 - Layer two networking for non-IP (and IP) experiments with computing resources for deep programmability opportunities across a nationwide network