

# **Release Mangement**

OSG Staff Retreat 2014

Tim Theisen

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# Ongoing Work

- Independent Testing of Software before Release
  - Assure functionality
  - Find defects
  - Exploratory testing
- Collecting Testing Recipes
  - Coverage
  - Repeatability
- Relationship with sites/technology leaders
  - Testing assistance for our technology gaps
  - Communicate back about contributed changes

# Working on...

- Madison ITB
  - Feel our site administrators pain
  - Direct Experience to recommend improvements
- Better Gatekeeper to Release
  - Assure software doesn't have major gaps
  - Fewer high priority updates
  - Measure quality and show improvement

# Staffing

Institution	Person	FTE	Notes
UW-Madison	Tim Theisen	0.5	Release Manager
UW-Madison	Brian Lin	0.5	
U of Chicago	Suchandra Thapa	0.5	Runs an ITB Site
BNL	Xin Zhao	0.4	

Down 0.5 (Neha) from last year

# Year 3

- Madison ITB
- Expand Acceptance Testing Library
- QA for new Technologies
- New platforms
  - Enterprise Linux 7
  - IPV6
- Documentation
  - Work with Software Team

# Roadmap

- Provide value to VOs and resource owners
  - QA of OSG Software
    - Predictable Schedule
    - High Quality Releases
  - Communication
    - Releases
    - Upcoming Technology
- Provide opportunities for the long tail of science
  - Improve usability of OSG Software
- Promote use of DHTC for science
  - Communication

# Unknowns

- QA for other access methods?
  - OSG Connect?
  - OASIS?
- QA for user software?
- Usability?