

Release Mangement

OSG Staff Retreat 2014

Tim Theisen

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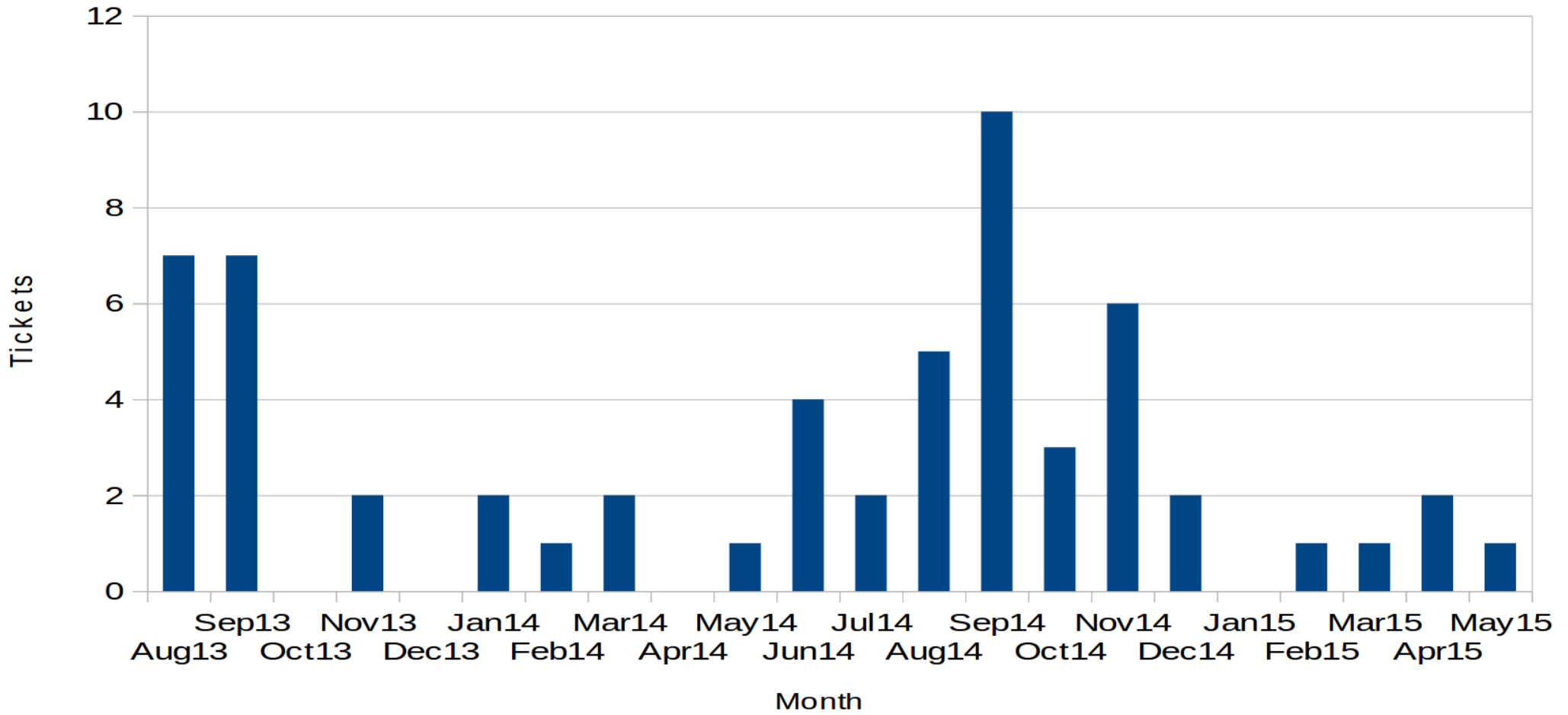
Staffing

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	Runs an ITB Site

Accomplishments

- Regular Monthly Releases
- Started using OSG automated testing for pre-release testing
- Tracking defects found during testing
 - Starting average around 10%
- Maintained relationships with sites/technology leaders for external testing when needed

Defects found in Testing



Issues and Lessons Learned

- Issues:
 - Could not always look back and determine what testing was done
 - On rare occasions testing was inadequate
- Solution: record tests and results in ticket and have it reviewed by the Release Manager

Issues and Lessons Learned (cont.)

- High Priority Releases
 - 4 Releases in Year 3
 - 2: were caused by outside factors (EPEL, OS Vendor)
 - +1: Once the outside factors lined up with our schedule
 - 1: Standard testing procedures were lacking
 - Solution: Updated testing procedure
 - 1: New software with unclear testing protocols
 - Solution: Work with Software Team to ensure adequate testing protocols for new software
- Occasional extra effort needed for wide impact changes
 - Flexibility: Use Software Team resources to test updates in a timely fashion

Projects

- Most of the Release Team work is ongoing
 - Assure functionality
 - Find defects
 - Exploratory testing
 - Release Software
 - Release Notes and Announcement
- Madison ITB site
 - Unaccomplished goal from year 3
 - Joint project with Software Team
 - Needed to test software in a production like environment
 - Release Team will take this over for year 4

Year 4 Plans

- Continue Routine Work
 - Testing and Releasing Software
 - Track defects discovered
 - Record tests and results
- Lead Madison ITB deployment
- Involve ITB in testing