



Releasing HTCCondor: Upstream, Downstream, and more

Tim Theisen

Year in Review

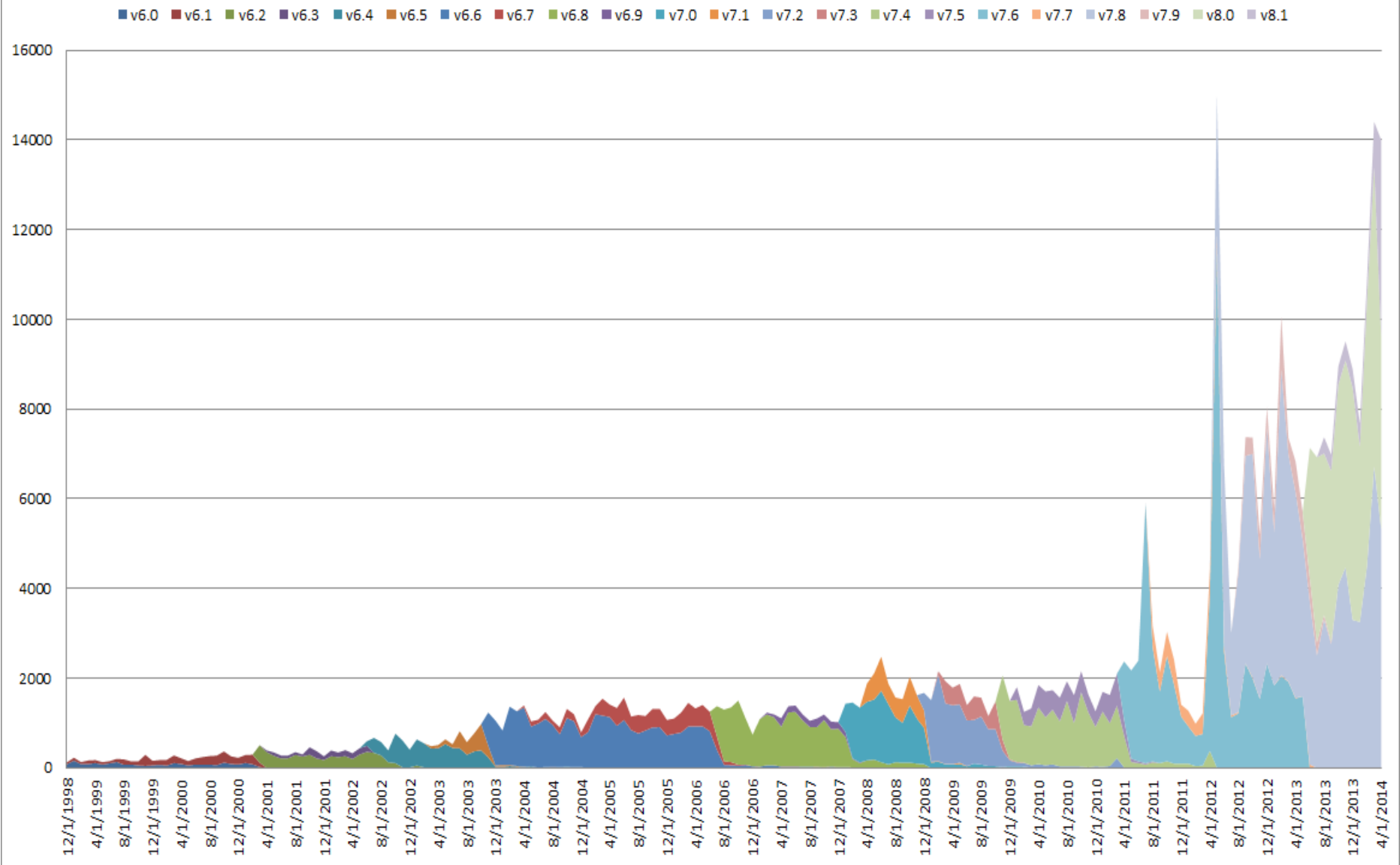
› 7 Development Releases

- 186 tickets (average 27 tickets per release)
- (397 if you count stable and work completed for 8.1.6)

› 7 Stable Releases

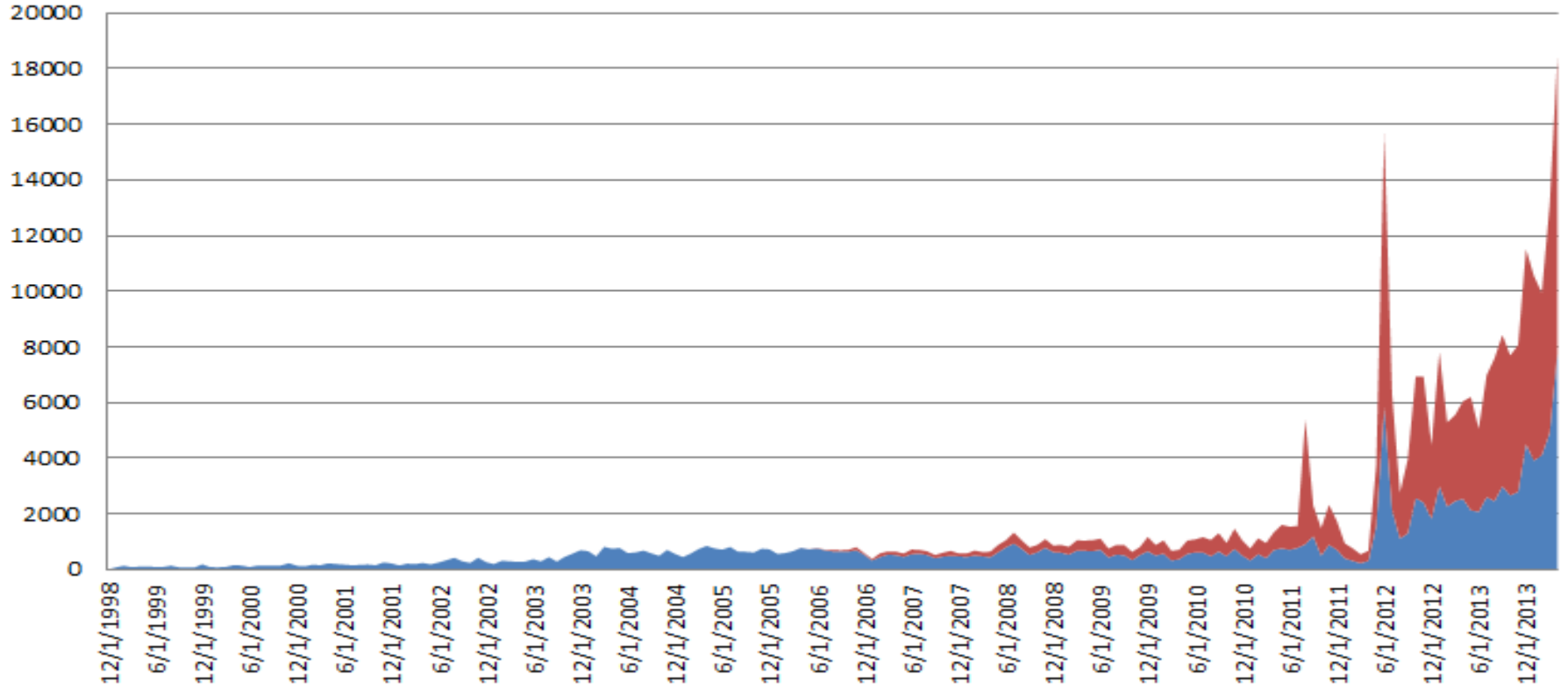
- 159 tickets (average 23 tickets per release)
- (170 if you count work completed toward 8.0.7)

Downloads by Version



Linux Downloads

■ 32-bit ■ 64-bit



Architecture Support

› Added Support:

- Debian 7 (x86_64)
- Ubuntu 12.04 LTS (x86_64 clipped)
- Red Hat 7 Beta (x86_64)

› Dropped:

- Debian 5

Release Management



- › New HTSheriff in town
 - ▢ Release is now Separate
 - ▢ Developers produce the Release Candidate
 - ▢ Release determines whether to release it

Release Management

- › Duties of the new HTSheriff in town
 - Testing of Release Candidate
 - Final Packaging of Release
- › Testing updates
 - Test interoperability between stable releases
 - LIGO project provides test environment
- › Packaging update
 - htcondor-test RPM

Contributions

› Open Science Grid

- Contributed Support for a Single SRPM
 - Builds for OSG style installation
 - Builds similar to current UW build configuration

› Red Hat

- Source code contributions

› Debian

- Small patches

Downstream Releases

Distribution	HTCondor Release
Debian 6 (squeeze)	N/A
Debian 7 (wheezy)	Condor 7.8.2
Debian testing (jessie)	HTCondor 8.0.5
Open Science Grid 3.1.x	Condor 7.8.8
Open Science Grid 3.2.x	HTCondor 8.0.6
Red Hat MRG	HTCondor 8.0.x + updates
Rocks 6.1	Condor 7.8.5
Rocks 6.1.1	HTCondor 8.0.5
Ubuntu 12.04 LTS	N/A
Ubuntu 14.04 LTS	HTCondor 8.0.5

Repository Updates

- › Red Hat 6
 - Signed RPMs
- › Debian
 - Signed debs
- › Ubuntu 12.04 LTS
 - Coming soon

Packaging Plan

› Red Hat

▣ More standard packaging

- RPMs built with rpmbuild (rather than cmake)
- SRPM
- Binary RPMs
 - Select what you need (Standard Universe)
 - Debug symbols match!

› Debian

▣ debs built with pbuilder

▣ Close match to debian packaging

› MacOSX: future work

Plans

- › System Level Testing
 - Releases
 - Nightly
- › Improve Packaging
- › Cover All Popular Distributions
- › Support Downstream Distributions
 - May just install HTCondor from distributions repository