



What's new in the land of release-monitoring.org

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Basic sorcery

- What is release-monitoring.org?
 - Anitya - web interface
 - Allows users to add projects to watch for new releases
 - Automatically checks for new releases
 - Sends fedora message when new version is retrieved
 - The-new-hotness - fedora messaging consumer
 - Listens to messages emitted by Anitya
 - Creates or updates bugzilla when new release is found
 - Starts scratch builds if configured





Anitya

Realm of magic





Magic numbers (Statistics)

- Contributions till Nest 2020 (Flock 2019 – Nest 2020)
 - Releases: 8 (4)
 - Commits: 128 (117) (from 7 (7) different contributors)
 - Issues created: 62 (68)
 - Issues closed: 85 (75)
- Current version: 1.3.0 (0.18.0)
- Number of projects watched by release-monitoring.org: 182106 (110417)
 - Mapped to Fedora package: 19979 (17607)





What goblins delivered (New Features)

- Preview mode
- Pre-release versions are now flagged
- Version filter for incoming versions
- Reporting more than one version in one check
- Project archivation
- Full rewrite of documentation
- Complete rewrite of projects menu
- Link to dist-git for Fedora packages
- Link to package repository for PLD Linux packages





Hard reality (Current situation)

- Preparation for Anitya 1.4.0
- What is done?
 - Version filter working in Preview mode
 - Python 3.9 support
 - Migration to Zuul as CI
 - Sourceforge (git) backend added
- What's left?
 - social_auth replacement





The-new-hotness Floating island in realm of magic





Magic numbers (Statistics)

- Contributions till last Flock
 - Releases: 3 (3)
 - Commits: 20 (44) (from 7 (3) different contributors)
 - Issues created: 12 (10)
 - Issues closed: 13 (22)
- Current version: 0.13.4



What goblins delivered (New Features)



- Only bug fixes were introduced in last year





Hard reality (Current situation)

- Milestone 1.0 is currently being work on
- What is done?
 - Refactoring of source using Clean architecture design
 - Log hash values when error happens during comparing of sources
 - Add stdout + stderr from CalledProcessError to bugzilla comment
 - Put stacktrace on bugzilla ticket if the-new-hotness fails
- What's left?
 - File PR instead of attaching patch to Bugzilla
 - Working with fedora messages containing multiple releases
 - Handle temporary errors more gracefully
 - Add Redis as cache





Questions?





References

- Release-monitoring.org blogpost:
<https://communityblog.fedoraproject.org/tag/release-monitoring-org/>
- Release-monitoring.org
<https://release-monitoring.org/>
- Anitya - repository
<https://github.com/fedora-infra/anitya>
- The-new-hotness - repository
<https://github.com/fedora-infra/the-new-hotness>





Thank you

