



Stewardship SIG

From idea to productive SIG

Fabio Valentini

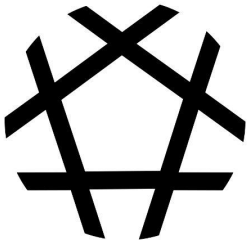
flock 2019

<https://decathorpe.fedorapeople.org/flock2019/stewardship.pdf>



About me

- Fabio Valentini
“decathorpe” on [fedora](#), [twitter](#), [GitHub](#), etc.
- fedora {proven,}packager
- Member of Packaging Committee and Go SIG, and founder of the Stewardship SIG
- I blog about fedora on [decathorpe.com](#)



A short history:

How did we get here?



Clouds on the horizon ([link](#))



Orphaning some Java packages



Mikolaj Izdebski

Monday, 24 September 2018 7:09 p.m.



TL;DR I am planning to orphan Java packages listed below soon after Fedora 29 GA. Let me know if you want to adopt any of them.

I'm in the process of transitioning maintenance of all software to modules only. The reason is that module maintenance is much easier



Things get worse ... ([link](#))

[← thread](#)

ACTION NEEDED: Orphaned packages to be retired (Java packages in 1 week)



Miro Hrončok

Tuesday, 26 March 2019 11:08 a.m.



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... and led to the proposal for a SIG ([link](#))

 [thread](#)

Proposal: Stewardship Group / SIG for taking care of otherwise "module-only" packages



Fabio Valentini

Tuesday, 12 February 2019 11:55 a.m.



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Stewardship SIG Announcement ([link](#))

 thread

Announcing the Stewardship SIG: Maintenance for High-Priority orphans



Fabio Valentini

Wednesday, 20 March 2019 9:57 a.m.



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Finally, the Java stack collapses

- [fesco#2159](#): Non-responsive maintainer: gil
- [fesco#2160](#): Non-responsive maintainer: lef
- [fesco#2171](#): Non-responsive maintainer: dchen
- [fesco#2194](#): Non-responsive maintainer: ricardo

◀ newer

Over 500 orphaned packages seeking new maintainers

orphaning postbooks



Miro Hrončok



Monday, 29 July 2019 12:37 p.m.

A 



INSERT "THIS IS FINE" MEME HERE

—

Oops.

Oh no.

What now?



Formation of the Stewardship SIG

- New [stewardship-sig FAS group](#) for coordination
- Created [stewardship-sig pagure project](#) for tickets and planning
- Private [stewardship-sig mailing list](#) for planning and RHBZ mail (might contain private CVE issues, etc.)
- #fedora-stewardship channel on freenode

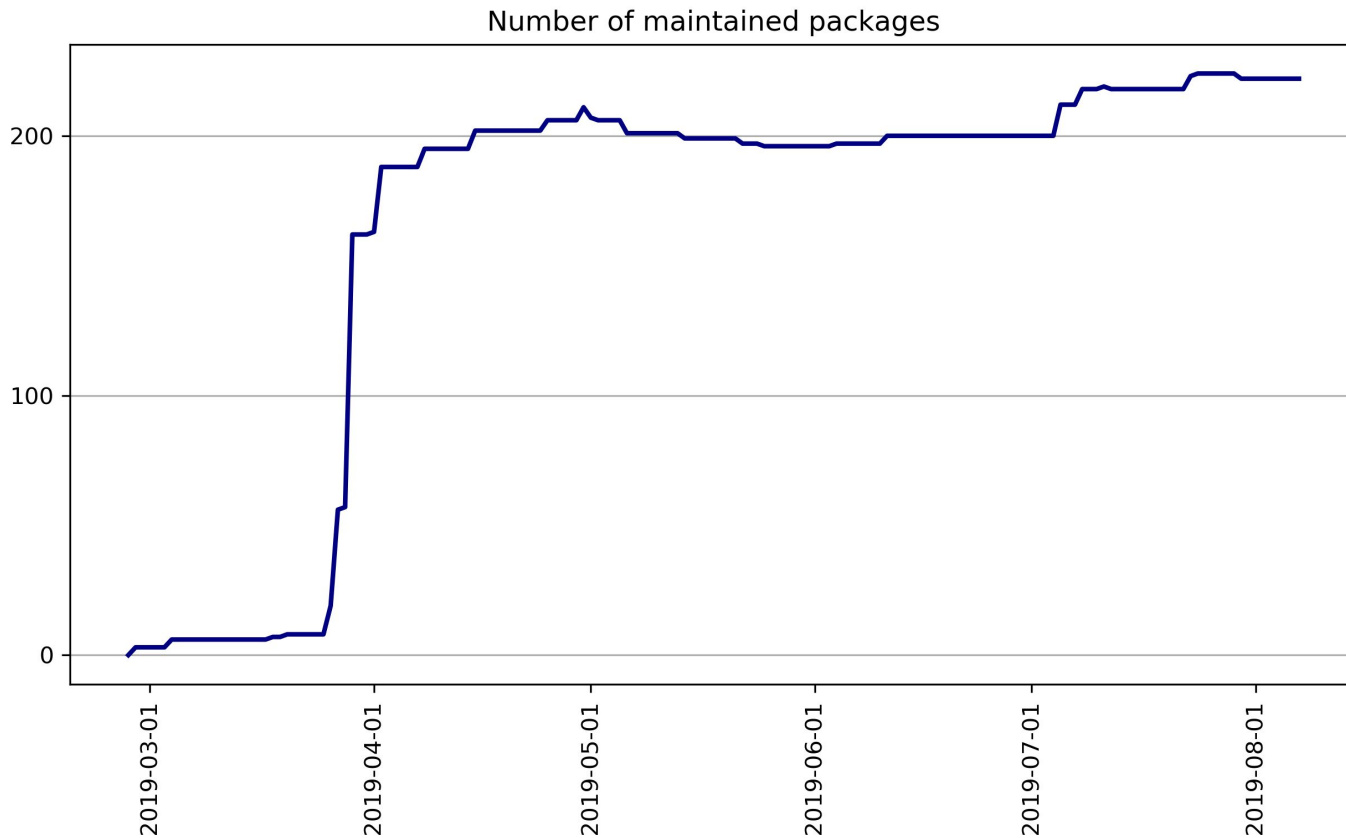


Formation of the Stewardship SIG

- Bi-weekly meetings in #fedora-meeting-1
- 11 Members: [@decathorpe](#), [@churchyard](#), [@ngompa](#), [@jjelen](#), [@limb](#), [@hobbes1069](#), [@jstanek](#), [@cipherboy](#), [@dmoluguw](#), [@filiperosset](#), [@fcami](#)
- 222 packages (as of August 6)



All your \$PKG belong to us?





First order of business: putting out fires

- Reduced FTBFS packages in fedora 30 from 3 to 0 (this is no longer true due to additional adoptions 😞)
- Retired checkstyle (outdated, number of open CVEs)



First order of business: putting out fires

- Adaptations to the retirement of eclipse on 32-bit architectures (primarily by switching OSGi providers)
- Fixed open CVE issues for c3p0

Ongoing efforts:

Reducing the package set



Removal of problematic dependencies

- apache-commons-vfs:
removed unused support for hadoop and FTP

This fixed the F31 FTBFS issue (because hadoop is broken), and let us drop the long-broken minia-ftpserver package as well.



Removal of problematic dependencies

- testng:
removed unused support for spock and groovy

This let us drop spock instead of having to fix its F29, F30, and F31 (!) FTBFS issues.



Removal of problematic dependencies

- xbean:
removed unused support for eclipse equinox

This fixed the FTBFS issue on 32-bit architectures caused by the retired eclipse stack.



Removal of problematic dependencies

- xstream:
removed unused support for hibernate

This fixed the F31 FTBFS issue (because hibernate is not installable in F31 anymore).



Removal of problematic dependencies

- google-guice, snakeyaml, xbean:
removed unused support for spring + JPA

This is in preparation for the eventual retirement of spring in fedora (it's broken, orphaned, and will be retired soon).

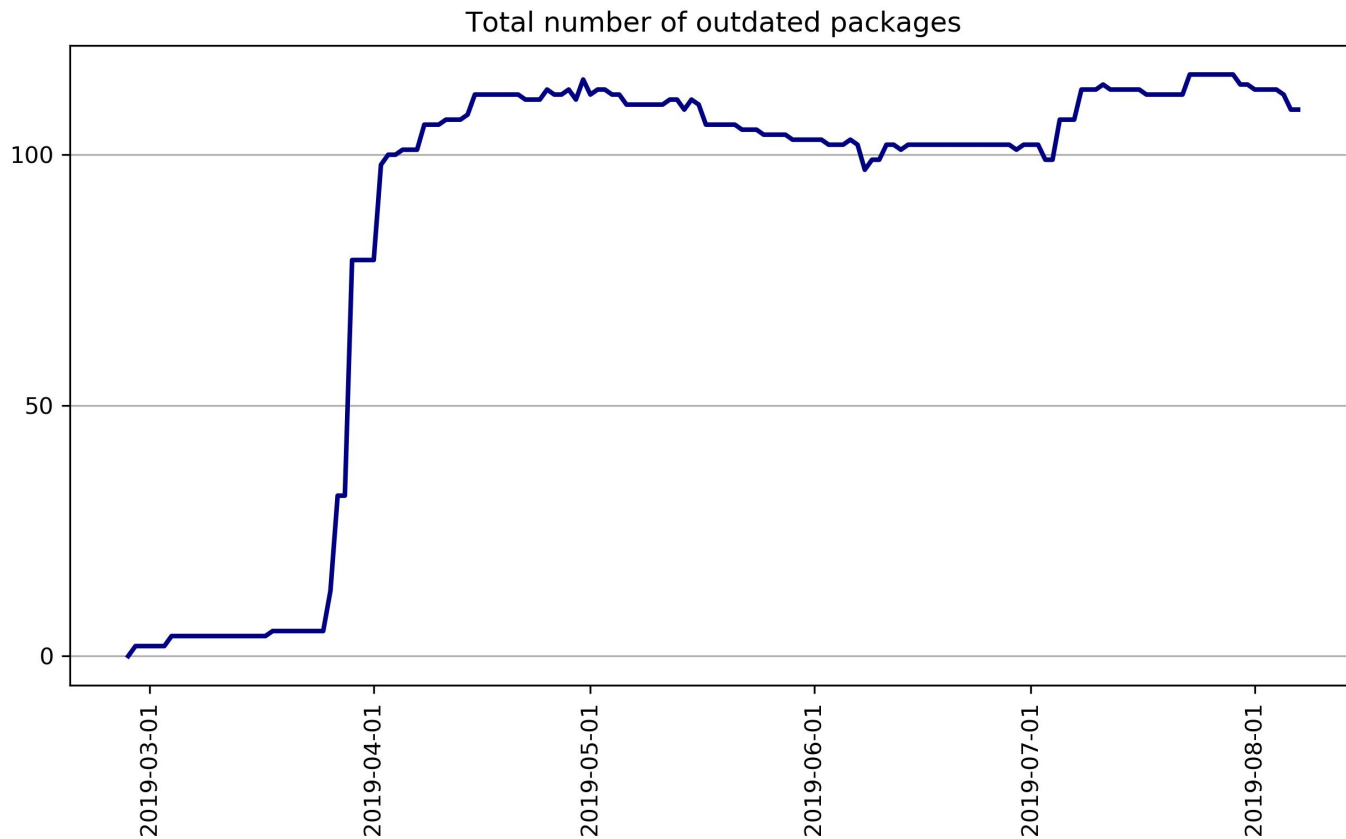


Updating packages, where possible

- 25 version updates reviewed and merged
- 5 version updates ready and pending
- 108 out of 222 packages still outdated

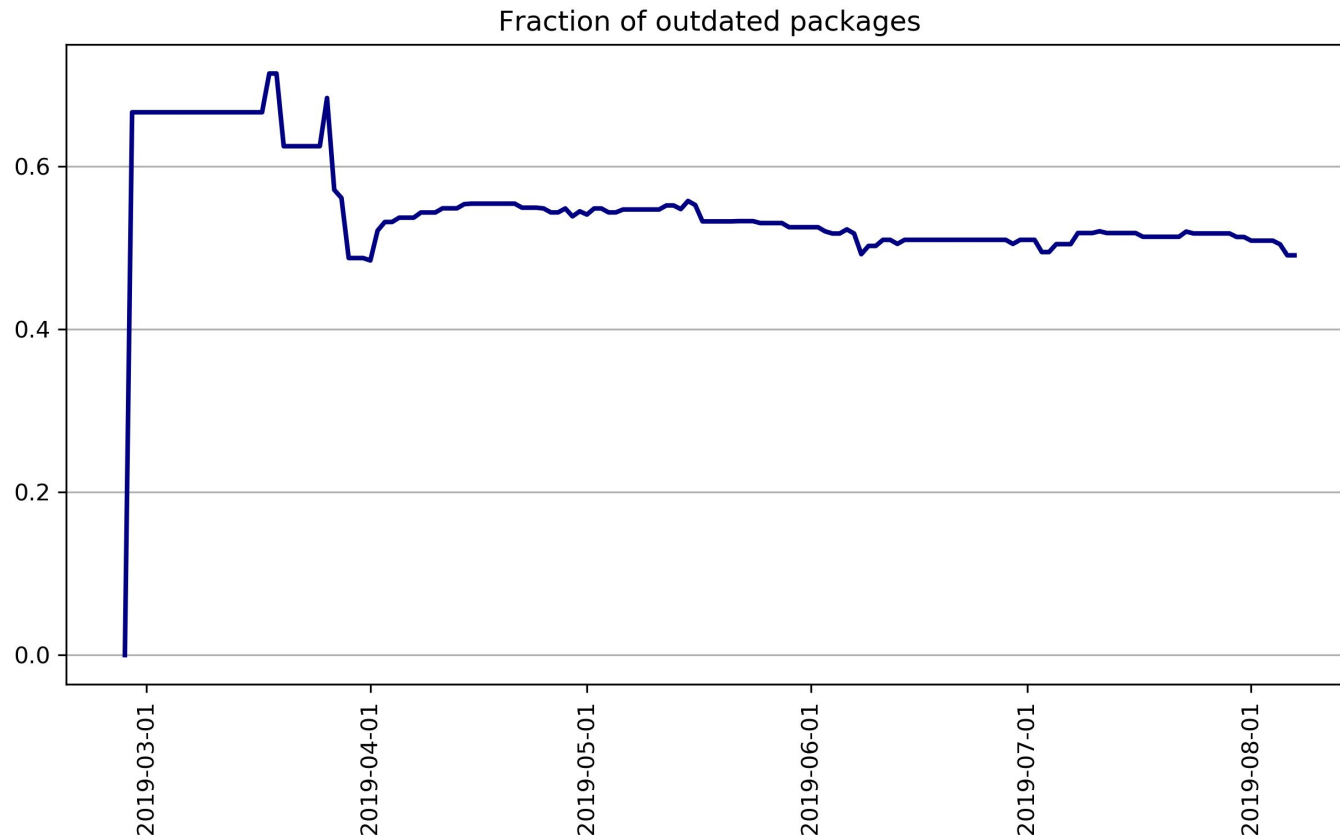


Updating packages, where possible: 🥲





Updating packages, where possible: 🤔

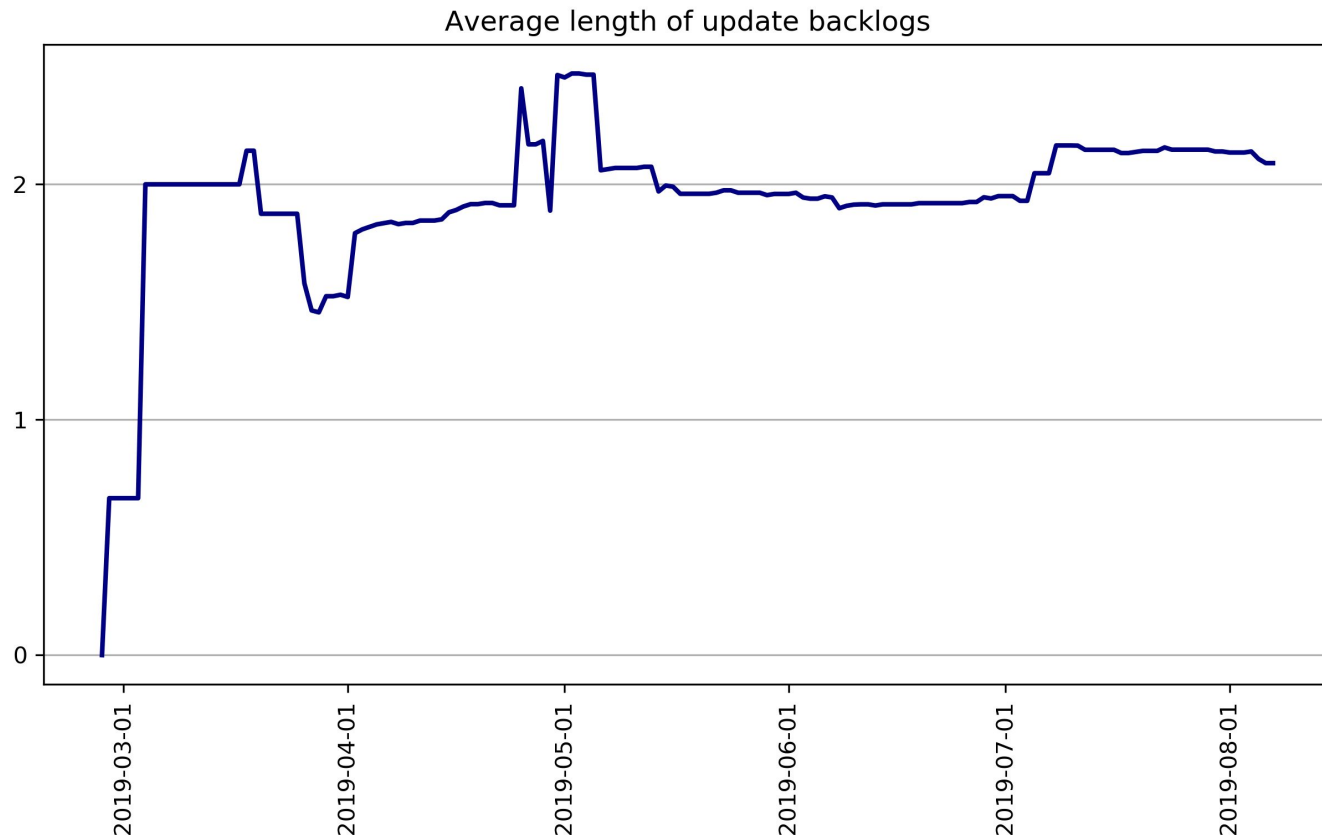


Some more graphs:

Because Graphs are Fun

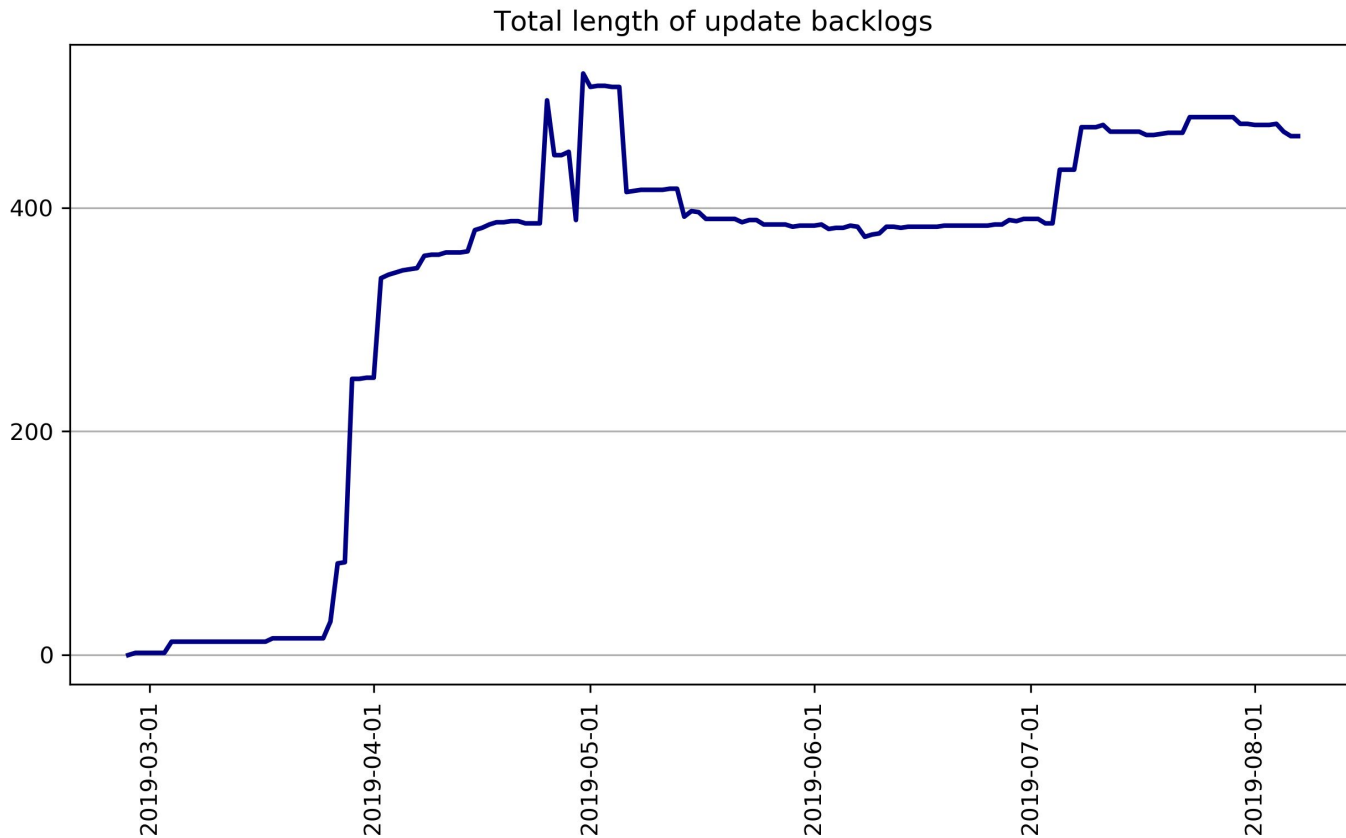


Average length of update backlog: ~2



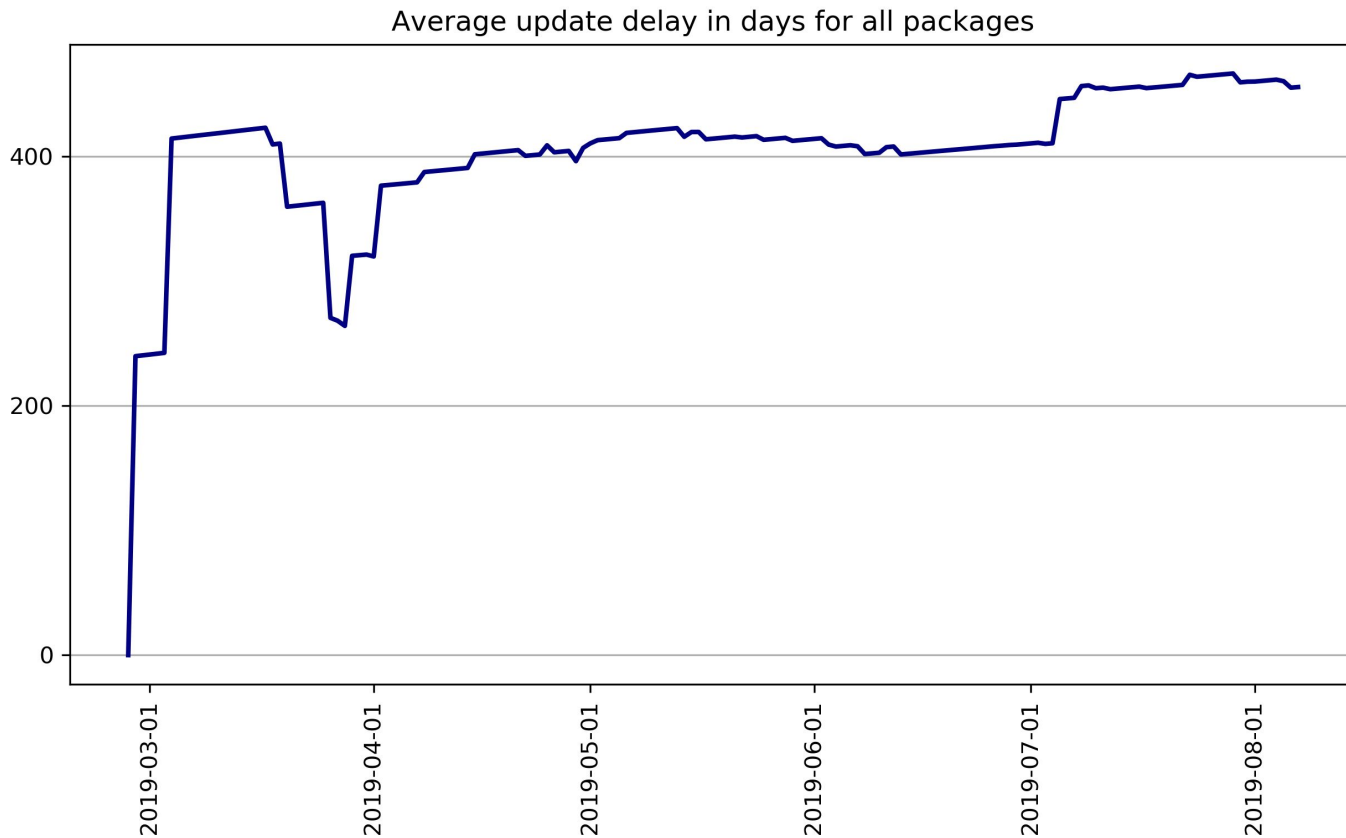


Total number of missing updates: 400+





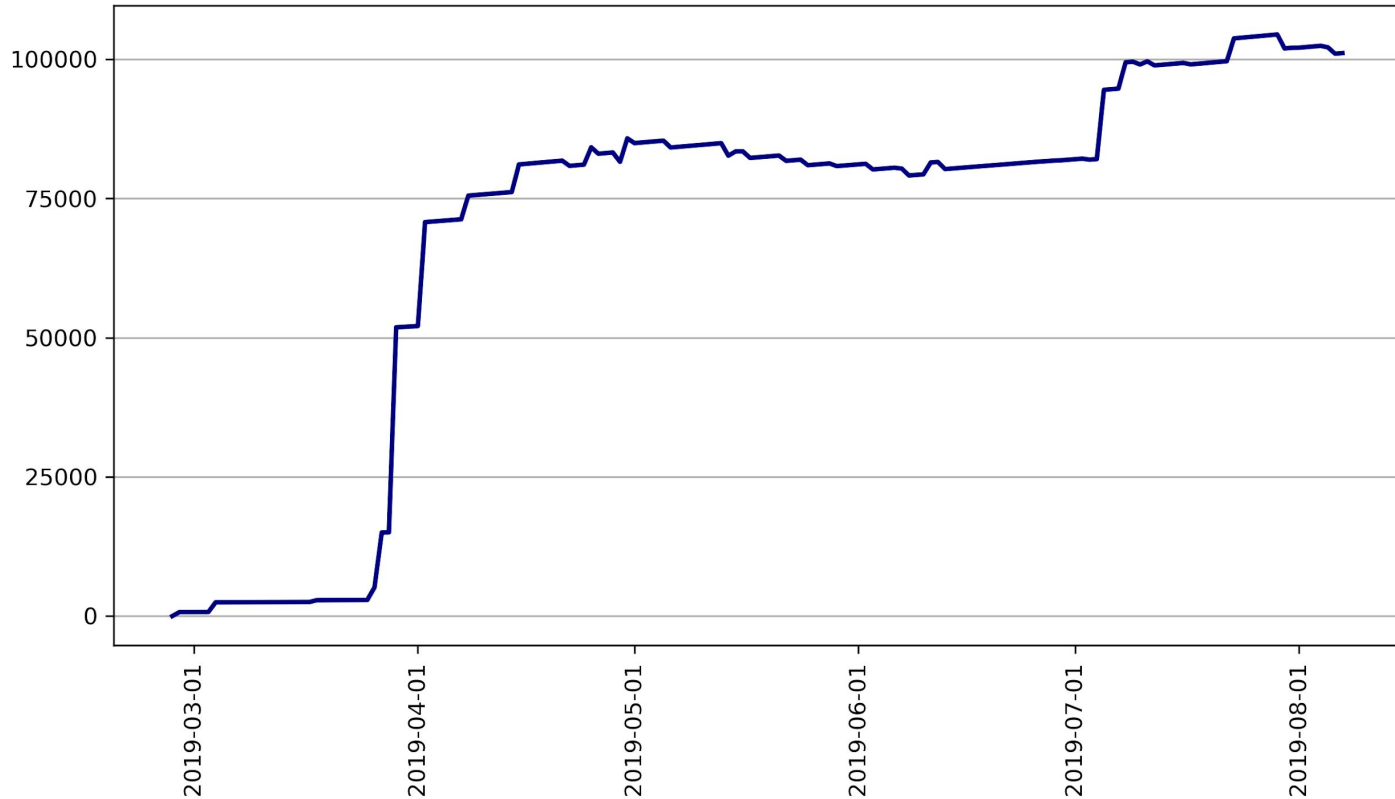
Average “outdatedness” of our packages





Total “outdatedness” of our packages

Total update delay in days for all packages





What's next?



Keep packages building

- Fix FTBFS issues when they occur
- Adopt and fix orphaned packages required by our packages



Keep packages up-to-date

- Continue keeping already updated packages up-to-date
- Try bringing everything up to speed again



Reduce divergence from modules

- Merge changes to modular packages back into rawhide frequently, when possible
- This will allow us to de-duplicate efforts happening in modular and non-modular branches.



Remove unnecessary dependencies

- Especially maven plugins for source code linting and test code coverage are useless
- Regenerating BuildRequires in packages could also yield some dependency cleanups



Orphan / retire gradle (for F32)

- It's outdated, and currently can't even build itself ...
- Other distros seem to have given up with packaging recent gradle versions as well (4.4.1 from Dec 2017 is everywhere, but 5.5.1 from July 2019 is current).
- Only 15 fedora source packages are built with gradle, and they can be ported to maven if necessary (like testng, junit5, aqute-bnd, and others)



Is this the end?

Yes.

Unless there are questions.

Thank you for your
attention!