R packaging BoF

Andreas Tille

DebConf 19

Curitiba, 21. July 2019
Top 10 Up uploaders of R packages

- Dirk E: 4488
- Andreas T: 3135
- Chris L: 436
- Dylan A: 285
- Sébastien V: 180
- Charles P: 100
- Steffen M: 62
- Graham I: 58
- Denis B: 46
- Jonathon L: 36
Top 10 discussion on Debian R user mailing list

- Andreas T: 239
- Dirk E: 99
- Sébastien V: 46
- Graham I: 32
- Dylan A: 23
- Jeroen O: 15
- Emilio Pozuelo M: 14
- Charles P: 11
- Oliver D: 7
- Jérémy L: 6

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R packaging BoF
Curitiba, 21. July 2019
Top 10 R pkg developer mailing list

- Andreas T: 190
- Paul G: 75
- Thorsten A: 28
- Graham I: 27
- Dylan A: 12
- Dirk E: 11
- Adrian B: 8
- Steffen M: 7
- Chris L: 3
- Sebastian Andrzej S: 3

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Top 10 bug hunters of R packages

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Top 10 committers to r-pkg Git

Andreas T 11483
Dylan A 1049
Charles P 647
Sébastien V 544
Joost van B 241
Steffen M 172
Gordon B 165
Sebastian G 163
Graham I 105
Jonathon L 62
Waking up in the morning and realising that somebody else has solved your problem from yesterday
Creating / updating R packages nearly 100% automatically

We can try right now if you know some R package which is not yet packaged

dh-make-R creates a debian/ dir which is nearly ready to upload

Also not yet packaged dependencies are prepared the same way if not yet ITPed
Creating / updating R packages nearly 100% automatically

We can try right now if you know some R package which is not yet packaged

dh-make-R creates a debian/ dir which is nearly ready to upload

Also not yet packaged dependencies are prepared the same way if not yet ITPed
dh-make-R / dh-update-R

- Creating / updating R packages nearly 100% automatically
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- dh-make-R creates a debian/ dir which is nearly ready to upload
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dh-make-R / dh-update-R

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- We can try right now if you know some R package which is not yet packaged
- dh-make-R creates a debian/ dir which is nearly ready to upload
- Also not yet packaged dependencies are prepared the same way if not yet ITPed
routine-update

- Script to run when there is a new upstream release
- Calls `uscan` to fetch new version
- Injects new version, updates packaging (Vcs fields, Standards-Version, debhelper)
- Calls `dh-update-R` which even prepares new dependencies if needed
- Hint: In case you want to fix something inside the package without a new upstream version existing call `routine-update -force` (otherwise routine-update stops when there is no new upstream version)
Routine-update

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You can manually call this script that is used by `dh-r`
inject-into-salsa-git

- Stolen from Debian Med team
- Injects the repository formerly created by `prepare_missing_cran_package`
infect-into-salsa-git

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- Injects the repository formerly created by `prepare_missing_cran_package`
If you want to ITP a package this calls reportbug for you
Option to add additional receivers of the mail
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Option to add additional receivers of the mail
Information about new packages and open bugs

- https://salsa.debian.org/r-pkg-team/maintenance-utilities/blob/master/outdated_r-packages.txt
- Updated twice a day showing recent new packages and open bugs
- Drained from public UDD clone
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Cl via autopkgtests

- **Testsuite: autopkgtest-pkg-r**
- [https://people.debian.org/~elbrus/ci/regressions.html](https://people.debian.org/~elbrus/ci/regressions.html)
CI via autopkgtests

- Testsuite: autopkgtest-pkg-r
- https://people.debian.org/~elbrus/ci/regressions.html
Open issue

- r-exclude-doc
- Removal of docs including compressed JS
- Does anybody know how to recreate those docs??
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Open issue

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gobby
infinote://gobby.debian.org/debconf19/bof/r-pkg_bof