

R packaging BoF

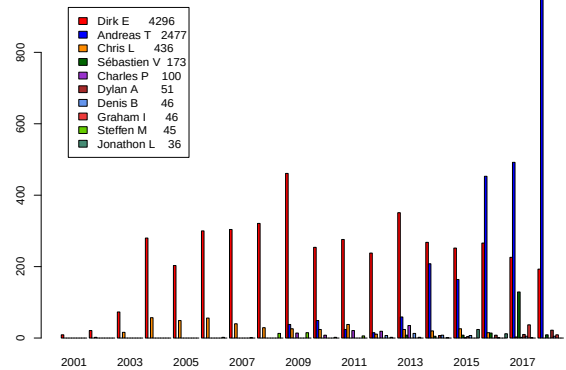
Andreas Tille

DebConf 18

Hsinchu, 29. July 2018

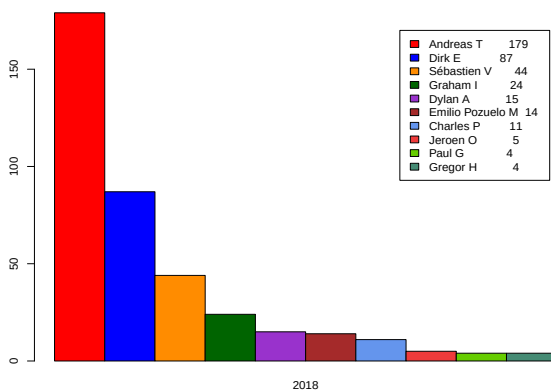
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Top 10 Uploaders of R packages



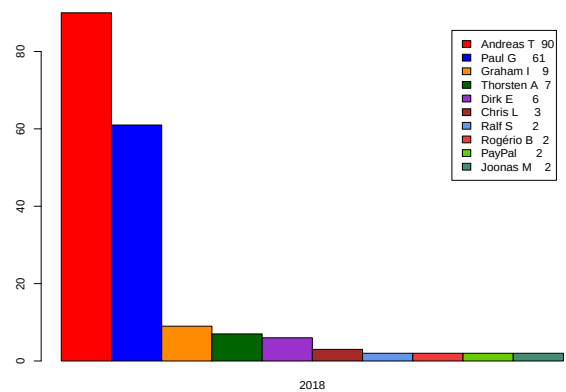
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Top 10 discussion on Debian R user mailing list



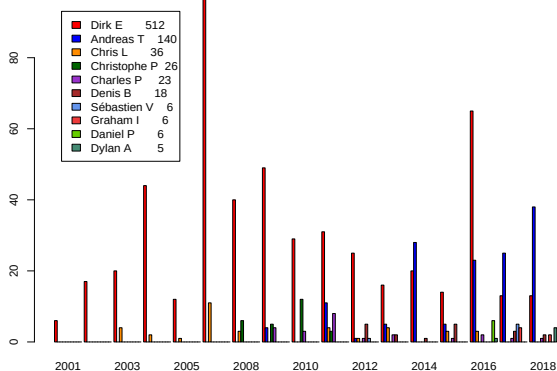
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Top 10 R pkg developer mailing list



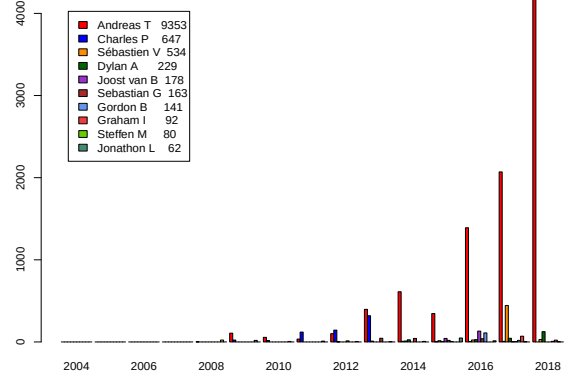
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Top 10 bug hunters of R packages



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Top 10 committers to r-pkg Git



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Team

*Waking up in the morning and realising
that somebody else has solved your
problem from yesterday*

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dh-r

- Replacing *cdb*s module
- Providing more comfortable interface
- Generating dependencies automatically
- Testsuite: autopkgtest-pkg-r
- Autopkgtest dependencies are added as Recommends
- Enables running the test suite on normal installations

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dh-make-R / dh-update-R

- 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

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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)

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itp_from_debian_dir

- If you want to ITP a package this provides the text of the ITP bug ready for copying.

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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 (currently offline)

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Open issue

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

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gobby
infinote://gobby.debian.org/debconf18/bof/r-pkg_bof

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