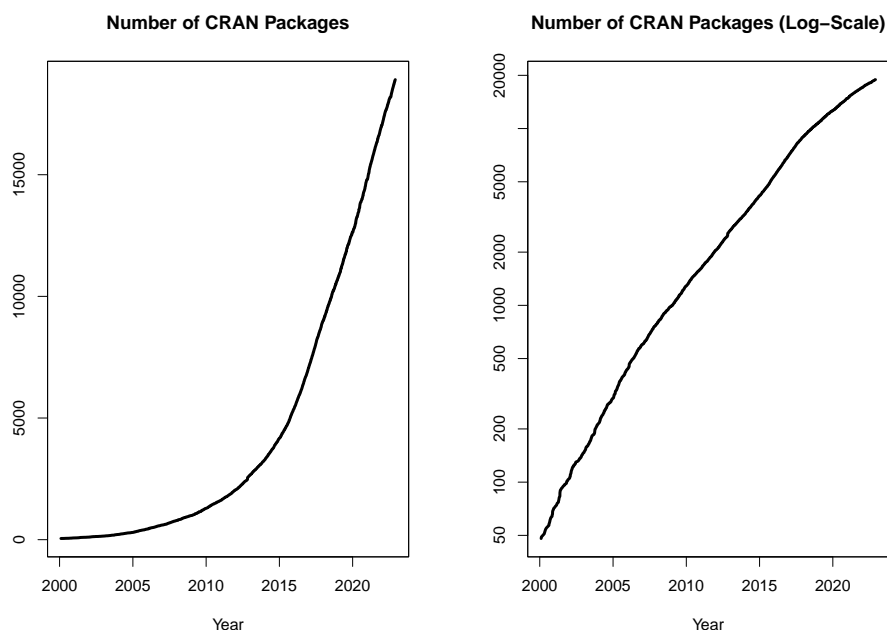


Changes on CRAN

2022-07-01 to 2022-10-31

by Kurt Hornik, Uwe Ligges and Achim Zeileis

In the past 4 months, 664 new packages were added to the CRAN package repository. 154 packages were unarchived, 353 were archived and 6 had to be removed. The following shows the growth of the number of active packages in the CRAN package repository:



On 2022-10-31, the number of active packages was around 18730.

CRAN package submissions

From September 2022 to October 2022 CRAN received 5227 package submissions. For these, 9429 actions took place of which 6070 (64%) were auto processed actions and 3359 (36%) manual actions.

Minus some special cases, a summary of the auto-processed and manually triggered actions follows:

	archive	inspect	newbies	pending	pretest	publish	recheck	waiting
auto	1335	1211	926	0	0	1560	513	525
manual	1250	35	325	232	39	1054	353	71

These include the final decisions for the submissions which were

	archive	publish
auto	1283 (25.1%)	1239 (24.3%)
manual	1222 (23.9%)	1361 (26.7%)

where we only count those as *auto* processed whose publication or rejection happened automatically in all steps.

CRAN mirror security

Currently, there are 100 official CRAN mirrors, 81 of which provide both secure downloads via 'https' and use secure mirroring from the CRAN master (via rsync through ssh tunnels).

Since the R 3.4.0 release, `chooseCRANmirror()` offers these mirrors in preference to the others which are not fully secured (yet).

CRAN Task View Initiative

There are three new task views:

Agricultural Science Maintained by Julia Piaskowski, Adam Sparks, and Janet Williams.

Mixed, Multilevel, and Hierarchical Models in R Maintained by Ben Bolker, Julia Piaskowski, Emi Tanaka, Phillip Alday, and Wolfgang Viechtbauer.

Phylogenetics Maintained by William Gearty, Brian O’Meara, Jacob Berv, Gustavo A. Ballen, Diniz Ferreira, Hilmar Lapp, Lars Schmitz, Martin R. Smith, Nathan S. Upham, and Jonathan A. Nations.

Currently there are 42 task views (see <https://cran.r-project.org/web/views/>), with median and mean numbers of CRAN packages covered 102 and 115, respectively. Overall, these task views cover 4015 CRAN packages, which is about 21% of all active CRAN packages.

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