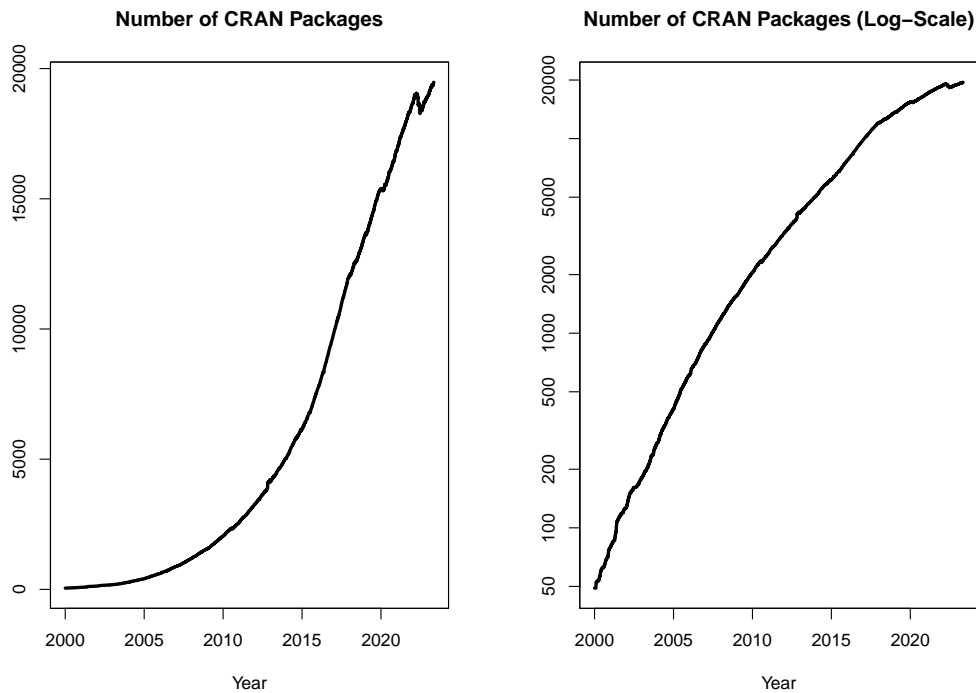


Changes on CRAN

by Kurt Hornik, Uwe Ligges, and Achim Zeileis

Abstract Updates from CRAN for 2023-02-01 to 2023-04-30

In the past 3 months, 516 new packages were added to the CRAN package repository. 206 packages were unarchived, 416 were archived and 4 had to be removed. The following shows the growth of the number of active packages in the CRAN package repository:



On 2023-04-30, the number of active packages was around 19439.

0.1 CRAN package submissions

From February 2023 to April 2023 CRAN received 7905 package submissions. For these, 13597 actions took place of which 9071 (67%) were auto processed actions and 4526 (33%) 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	2276	1725	1370	0	0	2300	787	613
manual	1809	94	361	175	73	1497	406	111

These include the final decisions for the submissions which were

	archive	publish
auto	2126 (27.6%)	1977 (25.7%)
manual	1788 (23.2%)	1808 (23.5%)

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

0.2 CRAN mirror security

Currently, there are 100 official CRAN mirrors, 80 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).

0.3 CRAN Task View Initiative

There is one new task view:

- [Genomics, Proteomics, Metabolomics, Transcriptomics, and Other Omics](#): Maintained by Julie Aubert, Toby Dylan Hocking, Nathalie Vialaneix.

Currently there are 43 task views (see <https://cran.r-project.org/web/views/>), with median and mean numbers of CRAN packages covered 106 and 120, respectively. Overall, these task views cover 4344 CRAN packages, which is about 22% of all active CRAN packages.

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