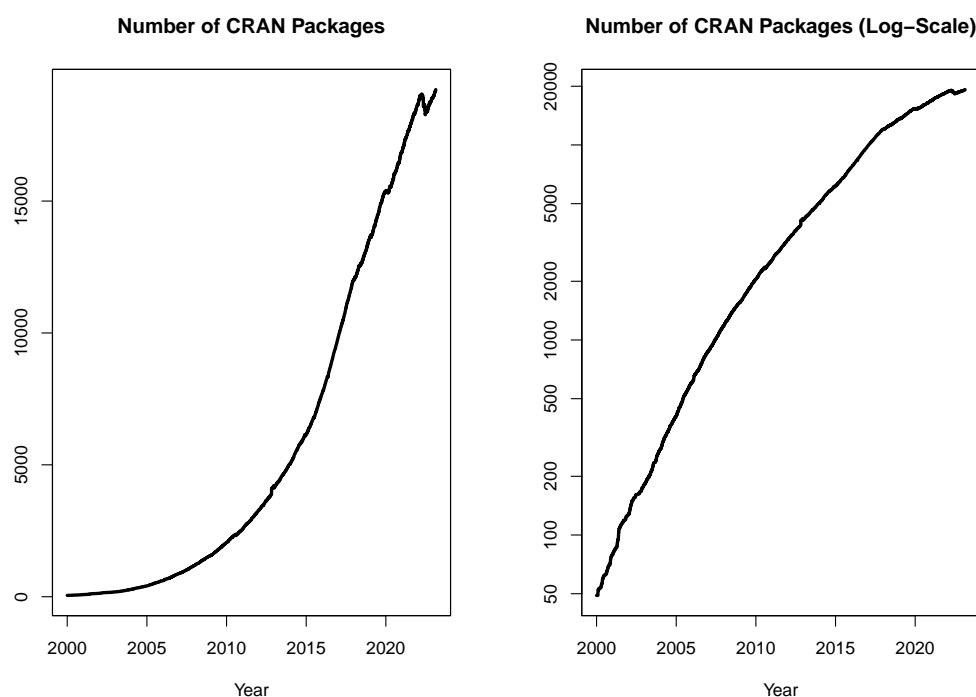# Changes on CRAN

by Kurt Hornik, Uwe Ligges, and Achim Zeileis

In the past 3 months, 462 new packages were added to the CRAN package repository. 219 packages were unarchived, 330 were archived and 1 had to be removed. The following shows the growth of the number of active packages in the CRAN package repository:

On 2023-01-31, the number of active packages was around 19135.

CRAN package submissions

From November 2022 to January 2023 CRAN received 6904 package submissions. For these, 12365 actions took place of which 8114 (66%) were auto processed actions and 4251 (34%) 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	1786	1594	1140	0	0	2164	724	706
manual	1523	81	365	209	54	1422	515	82

These include the final decisions for the submissions which were

	archive	publish
auto	1665 (24.7%)	1733 (25.7%)
manual	1506 (22.3%)	1844 (27.3%)

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

CRAN mirror security

Currently, there are 96 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).

CRAN Task View Initiative

Currently there are 42 task views (see https://cran.r-project.org/web/views/), with median and mean numbers of CRAN packages covered 103 and 116, respectively. Overall, these task views cover 4050 CRAN packages, which is about 21% of all active CRAN packages.

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