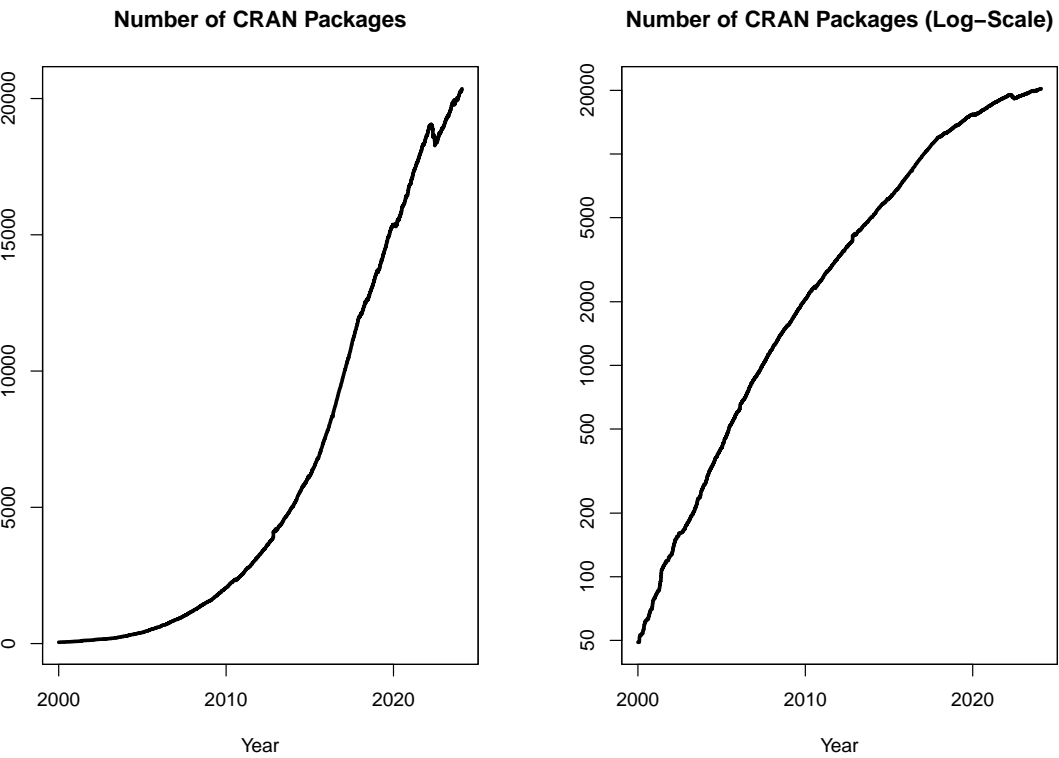# Changes on CRAN

2023-10-01 to 2023-12-31

by Kurt Hornik, Uwe Ligges, and Achim Zeileis

1 CRAN growth

In the past 3 months, 455 new packages were added to the CRAN package repository. 217 packages were unarchived, 362 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 2023-12-31, the number of active packages was around 20249.

2 CRAN package submissions

From October 2023 to December 2023 CRAN received 7408 package submissions. For these, 12015 actions took place of which 8598 (72%) were auto processed actions and 3417 (28%) 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	2489	749	1627	18	0	2352	842	521
manual	1178	73	58	206	75	1380	379	68

These include the final decisions for the submissions which were

	archive	publish
auto	2394 (32.9%)	2045 (28.1%)
manual	1162 (16.0%)	1681 (23.1%)

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

3   CRAN mirror security

Currently, there are 94 official CRAN mirrors, 77 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).

4   CRAN Task View Initiative

Currently there are 44 task views (see https://CRAN.R-project.org/web/views/), with median and mean numbers of CRAN packages covered 104 and 123, respectively. Overall, these task views cover 4516 CRAN packages, which is about 22% of all active CRAN packages.

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