

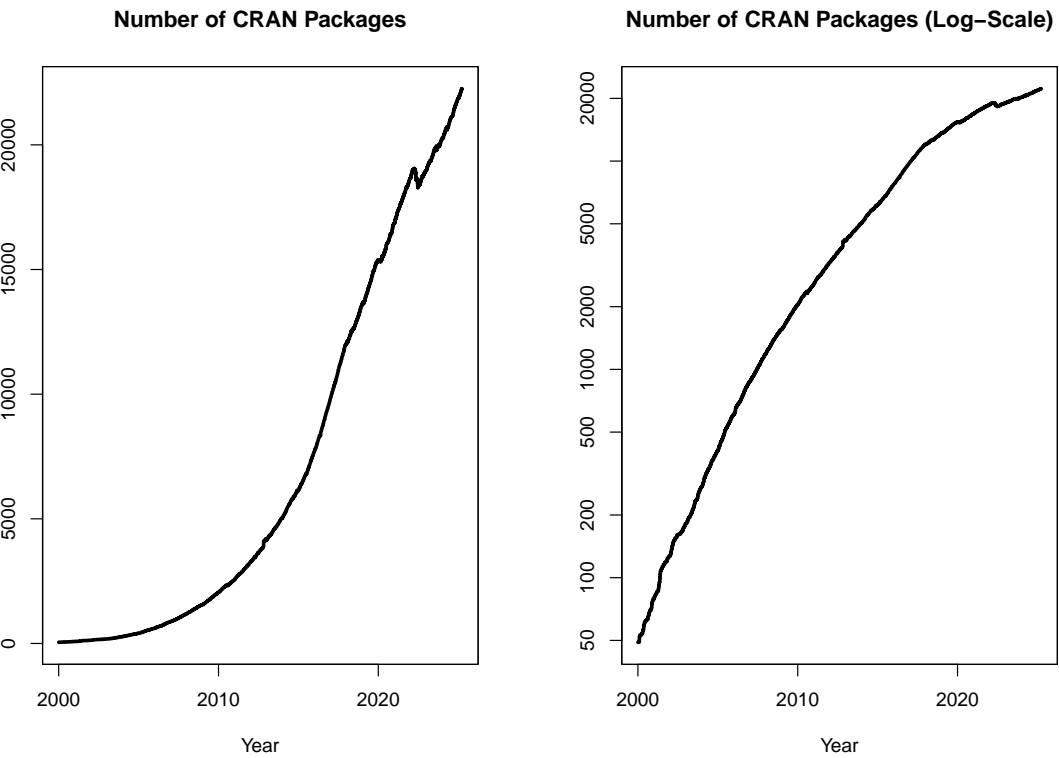
# Changes on CRAN

2024-10-01 to 2024-12-31

by Kurt Hornik, Uwe Ligges, and Achim Zeileis

## 1 CRAN growth

In the past 3 months, 504 new packages were added to the CRAN package repository. 104 packages were unarchived, 173 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 2024-12-31, the number of active packages was around 21860.

## 2 CRAN package submissions

From oktober 2024 to december 2024 CRAN received 6179 package submissions. For these, 9795 actions took place of which 7408 (76%) were auto processed actions and 2387 (24%) 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	2129	490	1403	96	0	1991	668	290
manual	986	0	8	3	27	1072	226	58

These include the final decisions for the submissions which were

	archive	publish
auto	2056 (33.7%)	1805 (29.6%)
manual	982 (16.1%)	1254 (20.6%)

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, 73 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

There is one new task view:

- **Paleontology**: Maintained by William Gearty, Lewis A. Jones, Erin Dillon, Pedro Godoy, Harriet Drage, Christopher Dean, Bruna Farina.

Currently there are 48 task views (see <https://CRAN.R-project.org/web/views/>), with median and mean numbers of CRAN packages covered 110 and 121, respectively. Overall, these task views cover 4885 CRAN packages, which is about 22% of all active CRAN packages.

*Kurt Hornik*  
WU Wirtschaftsuniversität Wien  
Austria  
ORCID: [0000-0003-4198-9911](https://orcid.org/0000-0003-4198-9911)  
[Kurt.Hornik@R-project.org](mailto:Kurt.Hornik@R-project.org)

*Uwe Ligges*  
TU Dortmund  
Germany  
ORCID: [0000-0001-5875-6167](https://orcid.org/0000-0001-5875-6167)  
[Uwe.Ligges@R-project.org](mailto:Uwe.Ligges@R-project.org)

*Achim Zeileis*  
Universität Innsbruck  
Austria  
ORCID: [0000-0003-0918-3766](https://orcid.org/0000-0003-0918-3766)  
[Achim.Zeileis@R-project.org](mailto:Achim.Zeileis@R-project.org)