Current state of CTAN

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CTAN Team

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Content of the slides

- What's CTAN?
- The CTAN team
- Some numbers...

What's CTAN?

- CTAN stands for **Comprehensive TeX Archive Network**
- it contains all sorts of TeX related stuff, i.e. mostly packages and software
- most packages are free
- packages are sources for the distributions
- which are basically MiKTeX, TeX Live, or MacTeX(which is based on TeX Live)
- it is strongly recommended to use packages via one of the distributions

The CTAN Team

The CTAN team consists of…

- upload managers: Petra Rübe-Pugliese, Manfred Lotz, Erik Braun
  - Ina left the team by end of September 2024
  - when we got a new team member, Vincent Goulet from Canada, who is still in the process to getting started
  - Ina had joined the CTAN team by end of 2014

- Webmaster and programming: Gerd Neugebauer. Recently, Oliver Kopp has joined

- System administration: Erik Braun, Manfred Lotz

- Mirror management: Erik Braun, Petra Rübe-Pugliese

Some numbers about our data

- The TEX archive contains the packages, distributions aso.
- The TEX catalog contains the meta information and
  - is stored in XML files
  - which are subversion managed
- On the web we have https://www.ctan.org/

T_EX archive numbers

Date	Size	Number of files	Number of directories
2014-12-31	11G	251544	14999
2015-12-31	12G	259761	15436
2016-12-31	13G	271406	15971
2017-12-31	14G	285205	16353
2018-12-31	16G	301705	16887
2019-12-31	17G	329041	17261
2020-12-31	18G	337077	17336
2021-12-31	19G	357642	17628
2022-12-31	22G	363846	18171
2023-12-31	23G	374833	18447
2024-12-31	24G	387994	18910

- Here MiKT_EX, T_EX Live, and MacT_EX are not included.
- Currently their size is approx. 32 GB

Authors

Year	Authors	Female	Institutions	Died
2014	2236	–	31	–
2015	2318	–	35	–
2016	2403	–	45	–
2017	2479	–	49	12
2018	2568	–	50	13
2019	2651	–	53	14
2020	2753	65	59	16
2021	2829	65	59	21
2022	2905	66	65	24
2023	2960	66	69	24
2024	3030	66	73	27

The TEX catalog has a lot of packages

- approx. 98% are hosted on CTAN
- 1%–2% are unmaintained and were copied to the `obsolete/` tree.
- Around 1% are not hosted on CTAN.
  Examples: JabRef, AUCTeX

Packages on CTAN – Numbers

	Total	On CTAN	Unmaintained	Not on CTAN
2014-12-31	4814	4757	82	57
2015-12-31	5024	4960	95	64
2016-12-31	5248	5185	105	63
2017-12-31	5433	5371	110	62
2018-12-31	5615	5555	114	60
2019-12-31	5778	5707	118	71
2020-12-31	5963	5882	134	81
2021-12-31	6161	6078	134	83
2022-12-31	6359	6275	138	84
2023-12-31	6528	6445	179	83
2024-12-31	6681	6597	197	84

Subversion commits

Year	Commits	Updates	New pkgs	Lazy days
2014	2277	≈1051	217	16
2015	2476	≈1335	203	8
2016	2831	≈1609	225	6
2017	2703	≈1648	186	5
2018	2783	≈1591	184	5
2019	3047	≈1863	152	0
2020	3376	≈2010	175	2
2021	3579	≈2271	196	1
2022	3272	≈2129	197	2
2023	3151	≈2036	170	2
2024	3162	≈2155	152	3

- *Lazy days* are days without any commit

Questions?