\TeX Live

- $\sim 140,000$ files, $\sim 4000$ packages, $\sim 4.5$ GB

- highly non-trivial task for downstream packagers; distributions need to reinvent the wheel and re-implement tlmgr to fit their needs

- (build infrastructure for OpenCSW – for Solaris systems – brought to the limits with so many files)
Goals

Create a parallel distribution from the existing $\TeX$ Live infrastructure with:

- A subset of the most popular & high quality packages
- A curated database with a complete dependency tree
- ... which should be reasonably complete to satisfy a large spectrum of users
- A basic test suite
- The ability to make it easier to create packages for Linux distributions
Plan

Make a new \TeX{} Live scheme. It has to be a community effort!

- Ask a small group of experienced users for a list of the packages they consider useful (for example on StackExchange, etc.)

- Assemble the initial list of packages

- Analyse dependencies (recursively)

- Set up a \TeX{} Live repository with these packages

- Ask people to try to install and test, and provide feedback about what is missing or superfluous
- Finally, include the general community to propose further packages

- Create some “rating system” for packages (1–5) according to quality or popularity

- Users of the “main” TeX Live distribution could opt-in for statistics collection (analyse which packages, collections, and schemes are installed)
Discussion!