Reproducible user-controlled package management with GNU Guix
Reproducibility

Reproducible builds

Keep stack constant

Rebuild environment
Beyond reproducibility

Cheap exploration

Change parts

No black boxes
Functional packaging

headers
sources
build tools
libraries
...

cabba9e-emacs-24.5/
  └── bin
      └── Emacs
  └── lib
      └── ...
GNU Guix

Guix client
(guix packages)
(guix store)

RPCs

Build daemon

Isolated build processes
chroot with declared inputs

Store
Learn more!

#guix on irc.freenode.net
http://gnu.org/s/guix
http://arxiv.org/abs/1506.02822v2

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