



Share your tools! But fear the wombat! Seriously.

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Who is talking?



<http://www.debian.org>

Who is talking?



<http://www.pymvpa.org>

Who is talking?



<http://neuro.debian.net>

There is **no** alternative to
free and open-source software
for scientific research.

- Scratch an itch
- Make it work on \$MACHINE
- Discover limitations
- Plan/Start rewrite
- Graduate
- Abandon

Standard model of scientific software development

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- Make it work on \$MACHINE
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GOALS

Solve a problem

this is the **only** scientific part

Offer help

make it work for friends – for the lab – for the world

Get help

new functionality – bug fixes – maintenance – advertisement

max(outcome|investment)

at best with a constantly **decreasing** investment

Wealth and fame

aka utilities paid and travel cost reimbursed

Fear the wombat!



Fear the wombat!



Fear the wombat!





Be special!

no new project without a good reason – join rather than fork



Don't be special!

don't scare people away – public version control – bug tracker
standard license – be where target audience is
get into established software distributions



Check that it works!

comprehensive tests – deterministic tests – unit tests – regression tests
continuous integration tests – even more tests – easy to run tests



Be nice!

acknowledge and **encourage** contributors – create inclusive atmosphere



Let go!

prepare for the “afterlife” – avoid CLAs – document *everything*
try to make yourself obsolete

Exposure

Freedom

Openness

...and now...

Let's hack!

git(hub)-migration – packaging – testing – “what’s needed” discussion

Visit <http://neuro.debian.net>

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