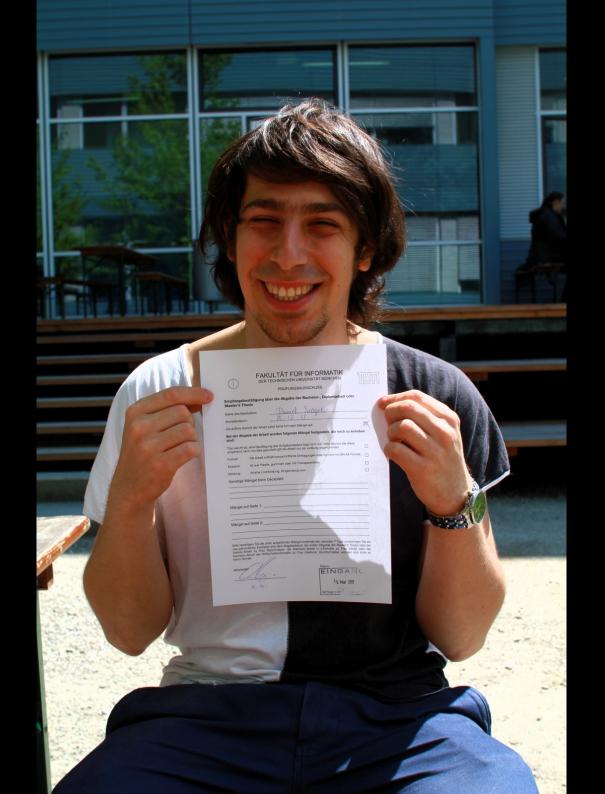
## the gnome bazaar how gnome gets built and

how we can improve

daniel g. siegel





some serious stuff about my thesis
 awesome gnome stuff

how do foss projects work, which structures do they have and which workflows have they established. to accomplish this, several foss will be analyzed in order to identify concertedly models. in addition they will be compared to traditional software engineering models in order to see whether they are similar or oppose differences. good selection of projects with which the analysis is able to produce reliable and reasonable results

- popularity
- age
- category
- activity
  - releases
  - downloads
  - commits

- community
  - communication
  - number of developers
  - conferences
  - foundations
  - ongoing projects

project	origin	category
Debian	1993	operating system
Drupal	2001	content management system
Fedora	2002	operating system
GNOME	1997	desktop environment
KDE	1996	desktop environment
MySQL/MariaDB	1997	database management system
PHP	1994	interpreted programming language
Plone	1999	content management system
PostgreSQL	1986	database management system
Python	1989	interpreted programming language

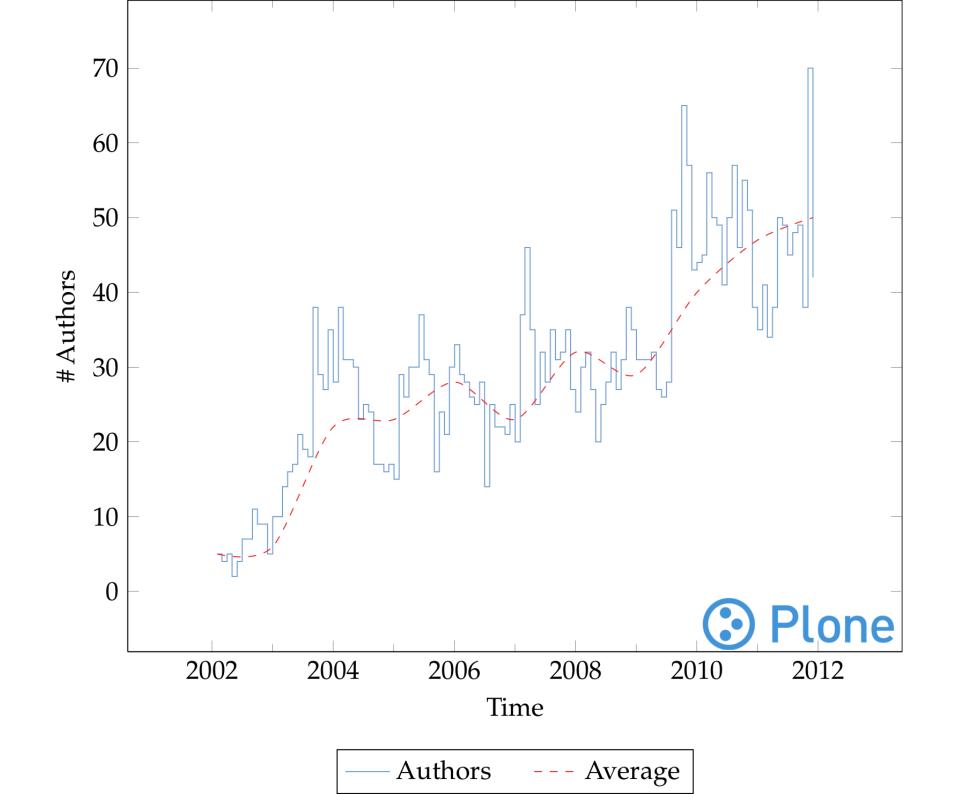
results 1 • history & origin 2 • community structure 3 • release process 4 • development model

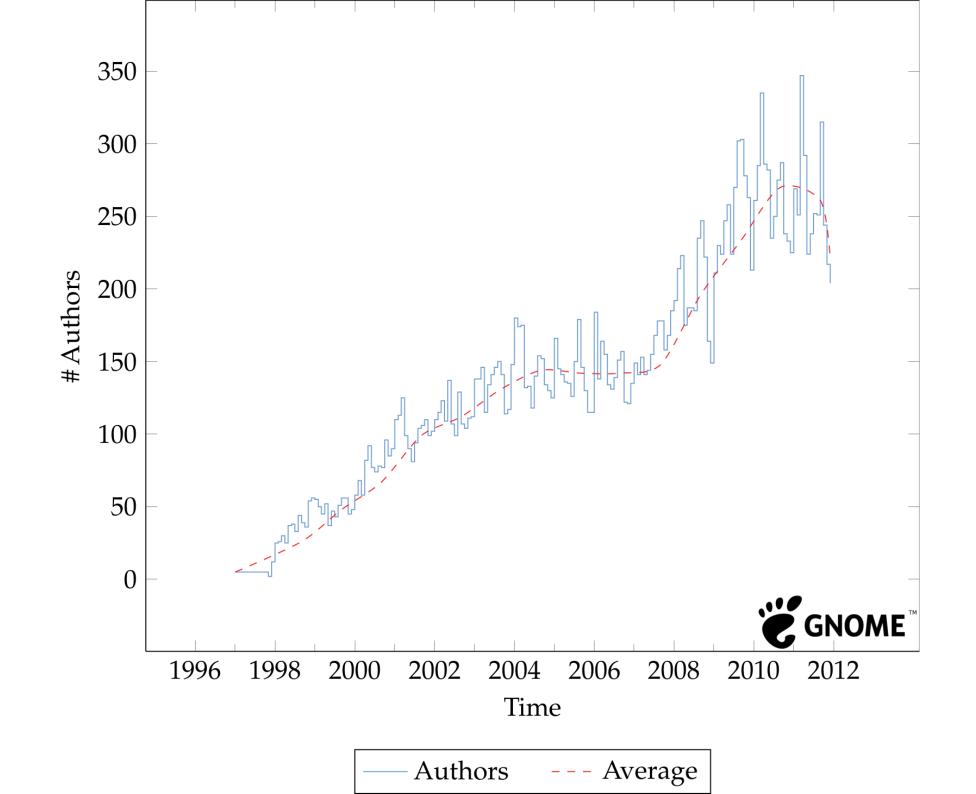
"[...] rather, the community seemed to resemble a great babbling bazaar of differing agendas and approaches" *eric s. raymond*  what?

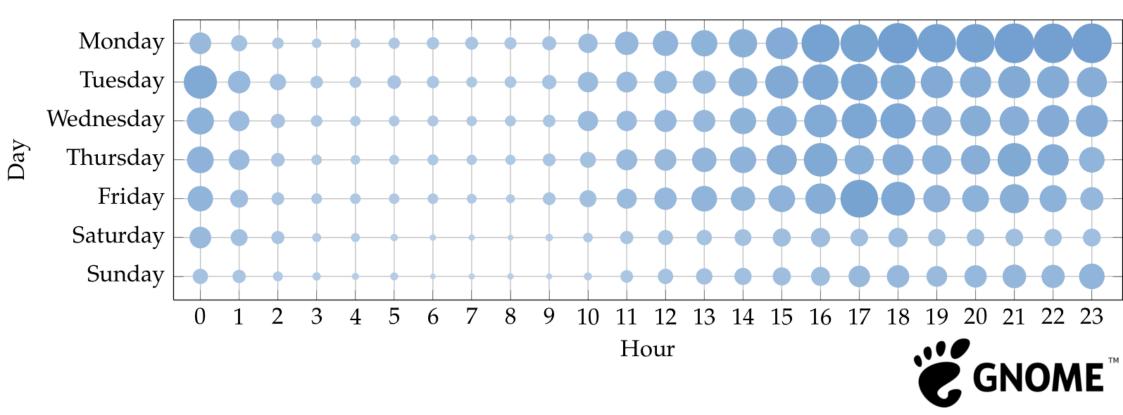
comparison 1 • history & origin 2 • community structure 3 • release process 4 • development model

### history & origin

- diverse origin
- small group of founders
- big burst of growth after first release
- more big bursts before big releases

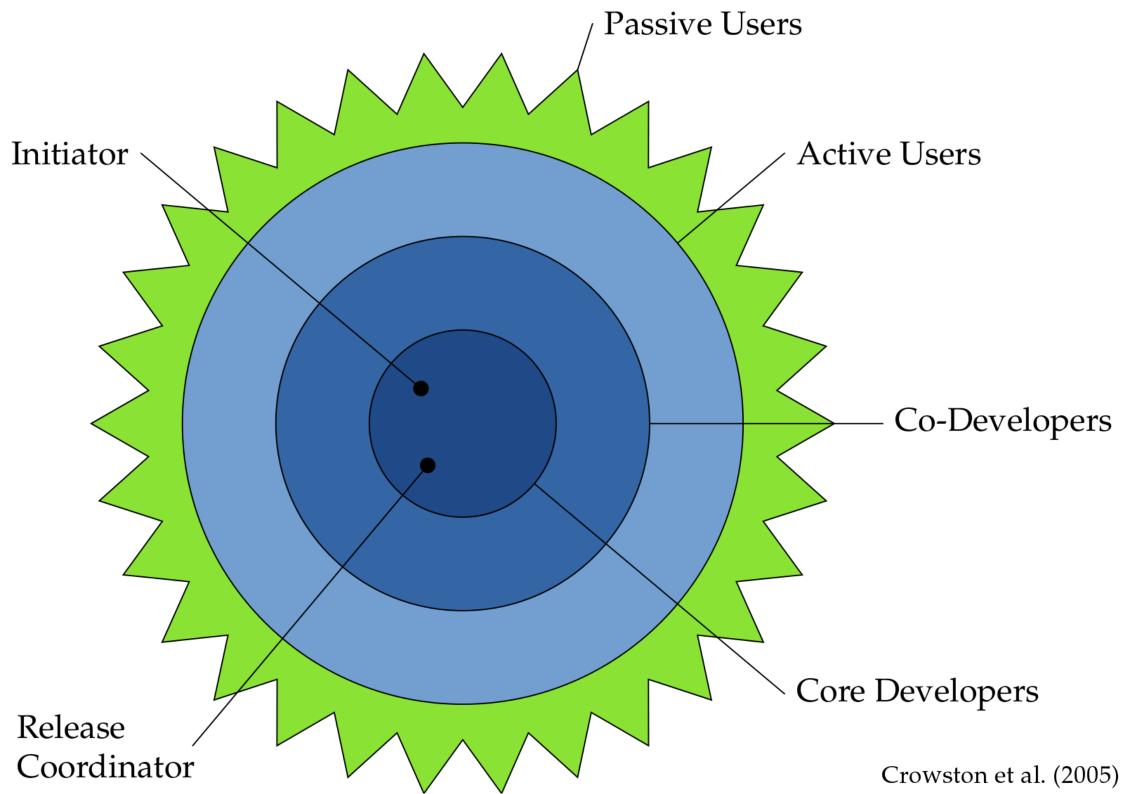


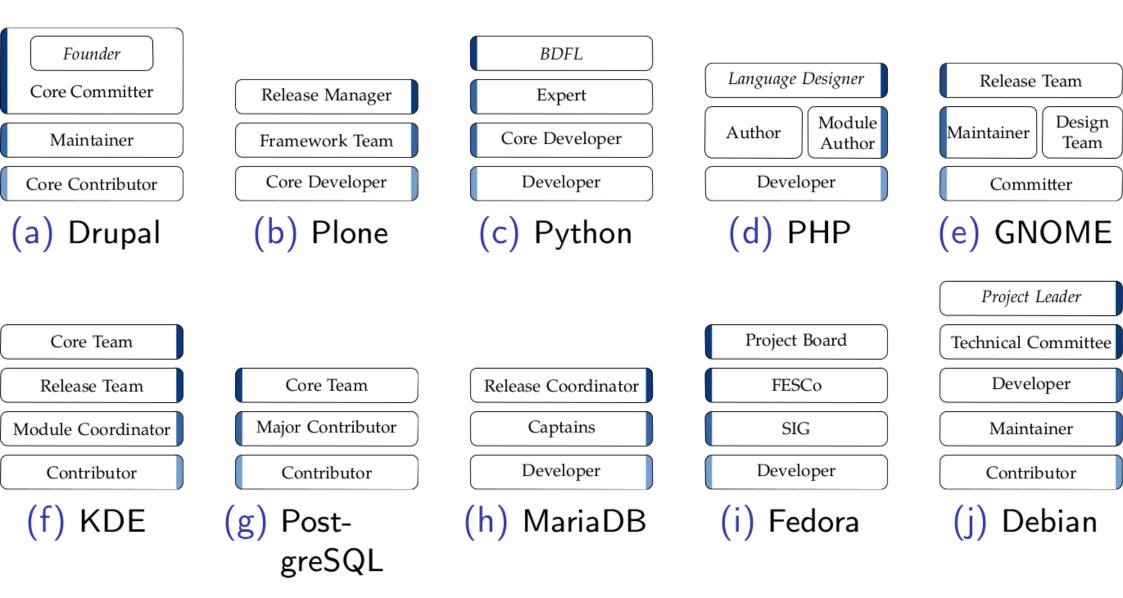




## community structure

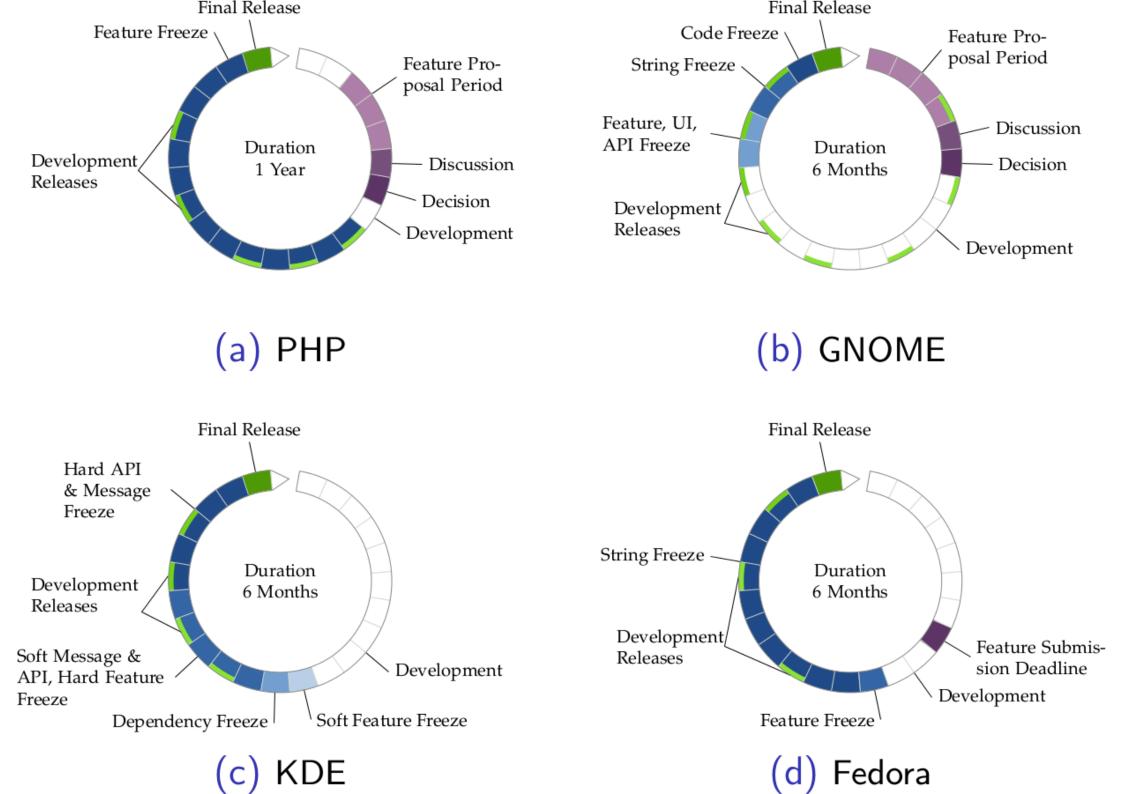
- very hierarchical
- lead by leader or team
- differences in hierachical structure
- though easy to step up the ladder





community structure: remarks
missing visionary
role of rt
unfruitful discussions

release process
mostly fixed release cycles
lead by release manager/team
similar phases in all projects



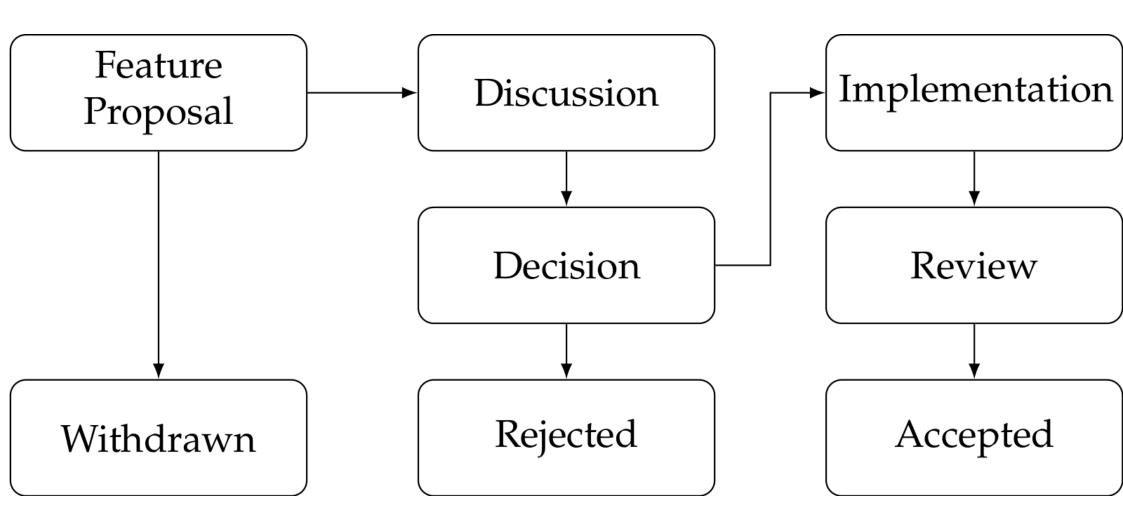
#### release process: remarks

- cycle often too long for small projects
- api/abi compatibility
- jhbuild etc. needed

[missing: some boring slides about software engineering and development models]

#### features development

- similar feature inclusion processes
- range from dynamic to very structured
- established in all projects



#### features development: remarks

- a bit more structure would be great
- somewhat intransparent decision making
- short and adverse placed period

# that's all folks!

