

Bad Ruby

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Lessons learned from Matz, Pippi Longstocking, Humpty Dumpty, and playing-with-legos.



Matz has eloquently criticized Ruby (see <http://www.rubyist.net/~matz/slides/rc2003/>), and the community has a history of openness to criticism and improvement.
Photo credit: <http://www.flickr.com/photos/rrrodrigo/2394148398/sizes/o/>



Finding things should be fun!

Photo credit: <http://www.flickr.com/photos/omegaman/285326884>



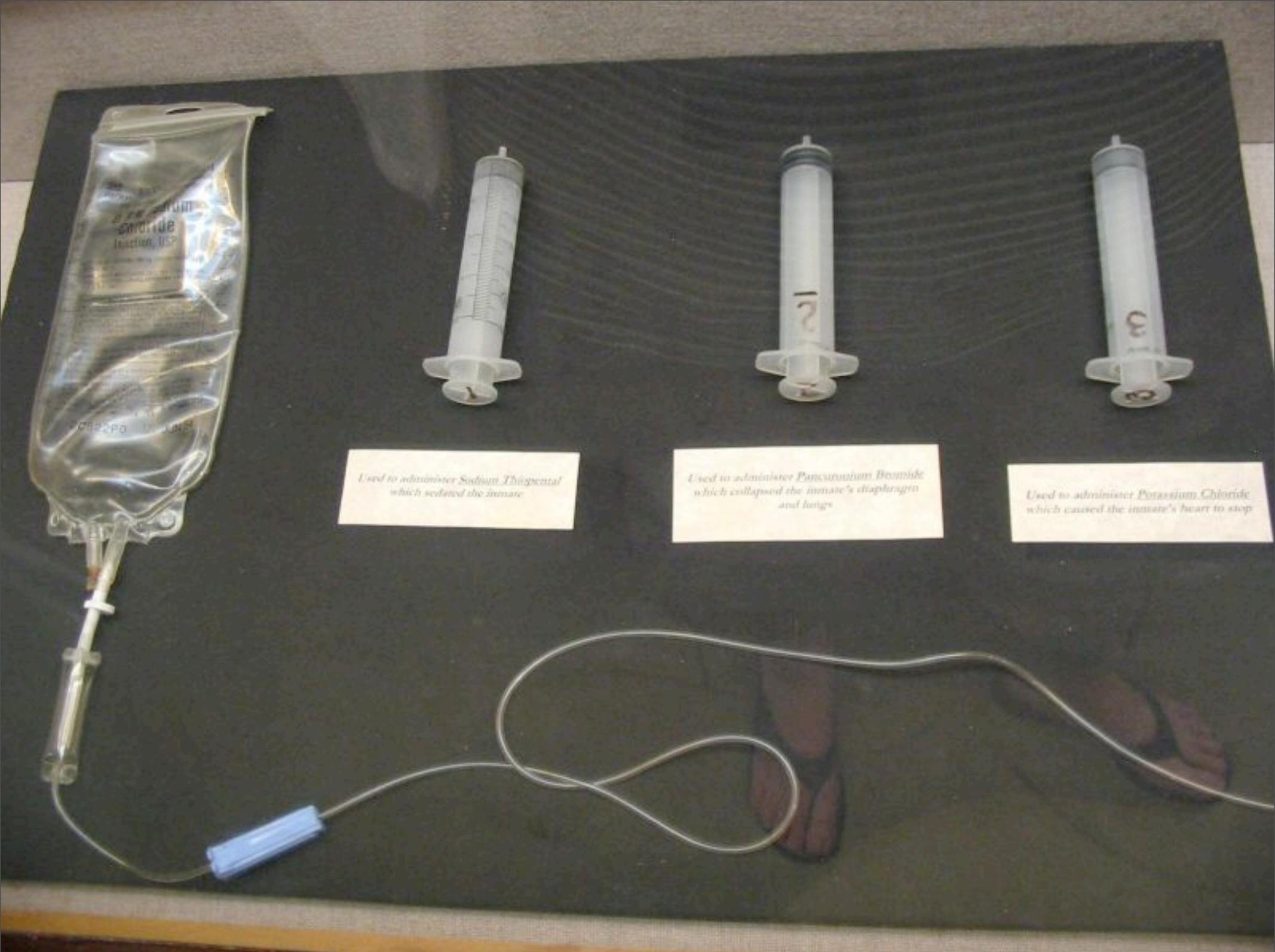
Thing-finding: making new things

Photo credit: <http://www.flickr.com/photos/ennor/175515075>



Thing-finding: factories

Photo credit: http://www.flickr.com/photos/abulic_monkey/130899453



*Used to administer Sodium Thiopental
which sedated the inmate*

*Used to administer Pancuronium Bromide
which collapsed the inmate's diaphragm
and lungs*

*Used to administer Potassium Chloride
which caused the inmate's heart to stop*

Thing finding: injection

Photo credit: <http://www.flickr.com/photos/dorsia/317433807/sizes/o/>



Words mean what I say they mean. See the various *_geek.rb classes in the sample code.
Photo credit: <http://www.flickr.com/photos/uhduh/92437037/sizes/l/>



Ceremony. See <http://blog.thinkrelevance.com/2008/4/1/ending-legacy-code-in-our-lifetime> and
<http://blog.thinkrelevance.com/2008/4/23/refactoring-from-ceremony-to-essence>
Photo credit: <http://www.flickr.com/photos/rowmuse/87768039>



Ceremony is: checked exceptions.

Photo credit: <http://www.flickr.com/photos/marinegirl/2036373729>



Legos are a composable abstraction (concretion?)

Photo credit: [http://www.flickr.com/photos/sklar/488582712/sizes/o/in/
set-72157600117558440/](http://www.flickr.com/photos/sklar/488582712/sizes/o/in/set-72157600117558440/)

Avoid the Bad Ruby!

class attributes

constants

instance variables

proc workarounds

things you cannot hook or reflect against

Some Good Hacks?

Aquarium
Invocation Construction Kit
ParseTree



5 KITTIES NEED HOMES
4 CUTE
1 UGLY

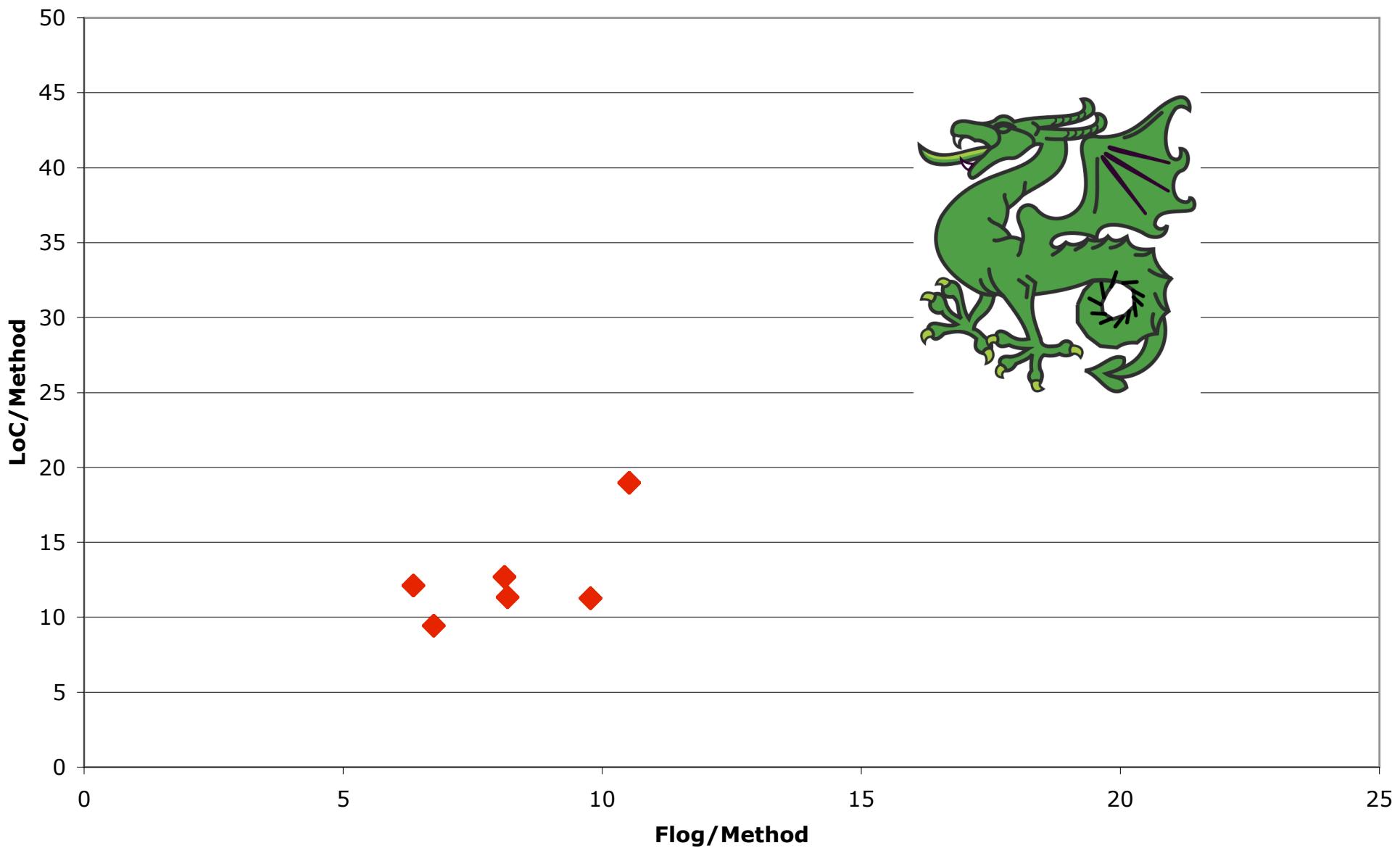
I said we wouldn't talk about other people's ugly Ruby code. I lied.
Photo credit: <http://flickr.com/photos/bethanyking/304692199>



Complexity is long, unorganized, masses of code.

Photo credit: <http://flickr.com/photos/challiyan/1487906404>

Complexity Metrics



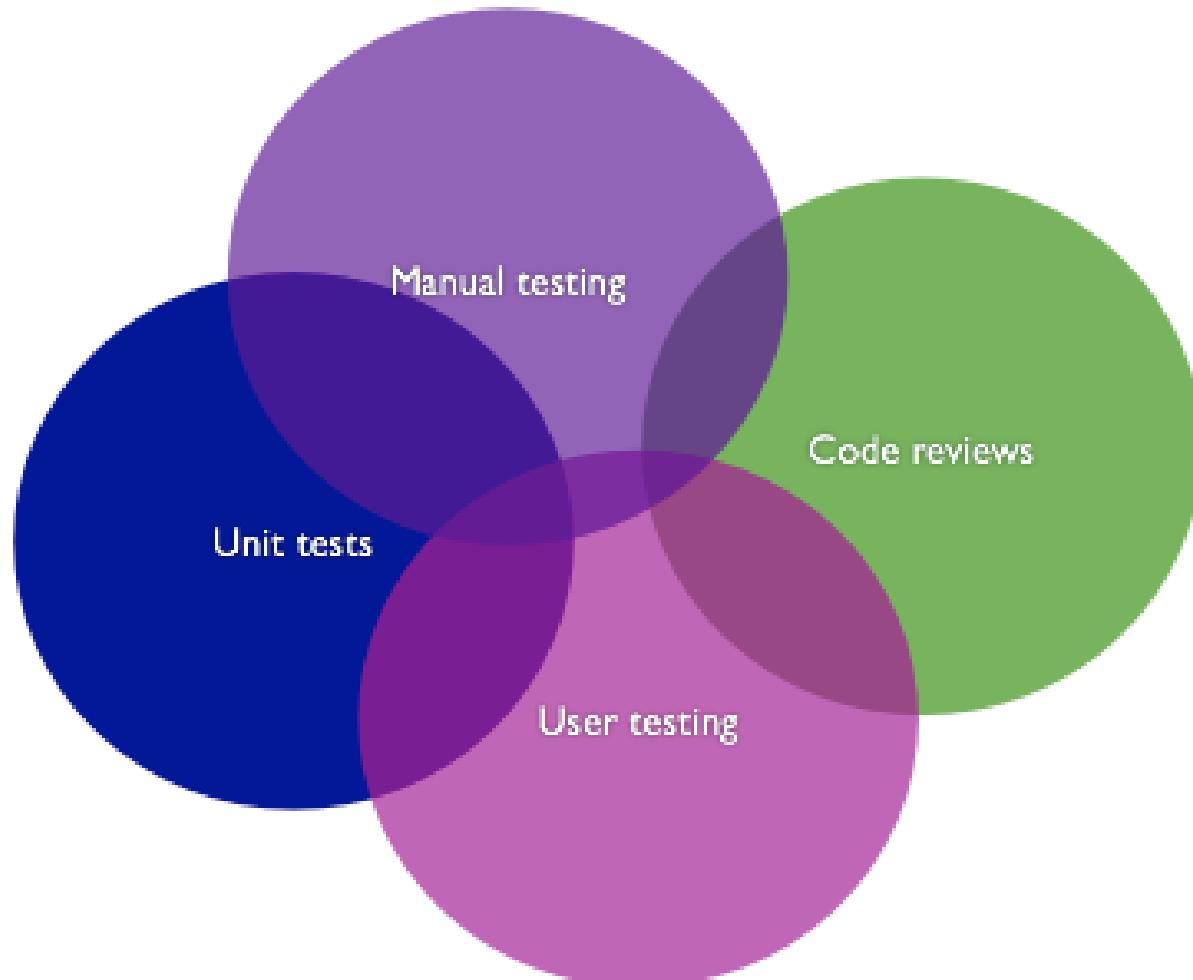
Complexity metrics for some of the Rails projects we are working on today



Testing is Overrated?

[http://railspikes.com/2008/7/11/
testing-is-overrated](http://railspikes.com/2008/7/11/testing-is-overrated)

Testing is Not Enough



<http://railspikes.com/2008/7/11/testing-is-overrated>

Luke's blog post clarifies that "testing is underrated" means "testing is not enough."



Presentation:
<http://github.com/stuarthalloway/bad-ruby>

More Info:
<http://blog.thinkrelevance.com/talks>
<http://thinkrelevance.com/events>
<http://blog.thinkrelevance.com>

Photo credit: Stu's iphone, out a plane window.