

Bad Ruby

Stuart Halloway
CEO, Relevance



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>



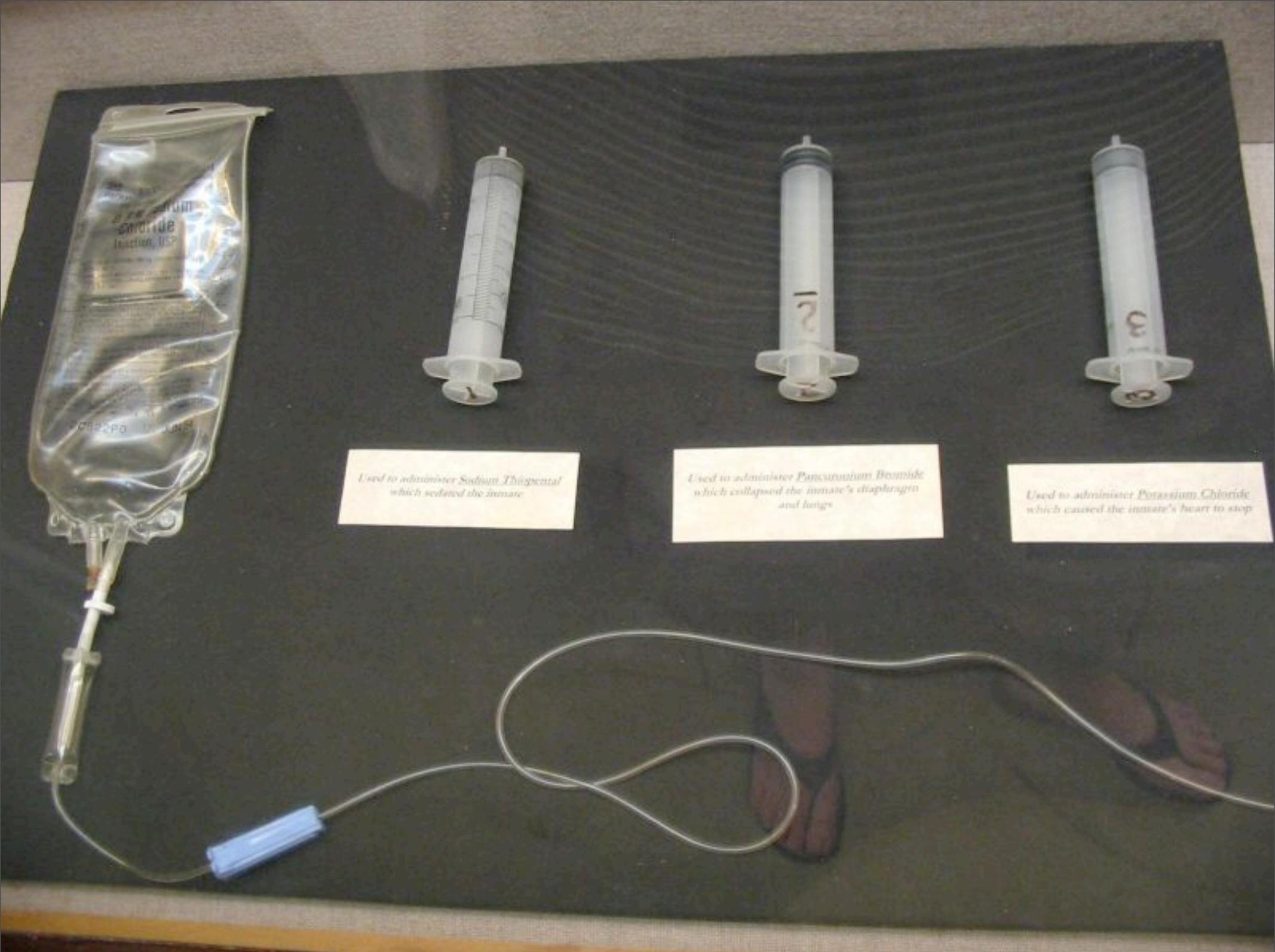
Thing-finding: making new things

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



<http://weblog.rubyonrails.org/2006/4/25/use-params-not-params>

<http://blog.thinkrelevance.com/2006/11/16/use-class-instance-variables-not-class-variables>

Some Good Hacks

Aquarium
Invocation Construction Kit
ParseTree

Git this Presentation (and the code)

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