

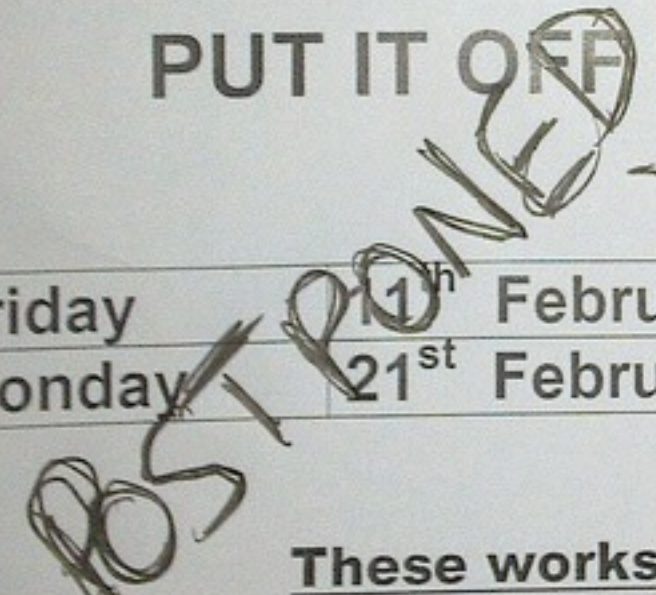
PROCRASTINATION AS A PATTERN FOR POLYGLOT INTERCHANGE

Do you put off learning how to stop putting things off?

A workshop to help you to learn how to

PUT IT OFF NO LONGER!!

I'M TIDYING MY ROOM...



Friday	11 th	February '11	2.30pm - 4.30pm
Monday	21 st	February '11	4.30pm - 6.30pm

These workshops will run at

TriClojure, January 2013

To book a place on this workshop call 0121 414 5130, come to the Counselling and Guidance reception (3 Elms Road, G4 on campus map), or book on line: www.as.bham.ac.uk/counselling.

Toby Crawley

@tcrawley

gh:/tobias



redhat.





The right tool



The talent pool

You're totally gonna blow your
presentation today.

Embed

Ruby in Clojure

(example)

Prose

- everything in one place
- write ruby like clojure (with wrappers)
- `gh:/circleci/cljr`
- works for simple things

(cons)

- grody
- big ball of state
- mixed programming models
- type conversion
- dependency management
- see Rohner (Clojure/West)

Closure in Ruby

(no example)

Prose

- everything in one place
- write closure like ruby (with wrappers)
- `gh:/kyleburton/jrclj`
- works for simple things

(cons)

- mixed programming models
- type conversion
- dependency management

Separation of concerns



Prose

- deployment independence
- facilitates separate teams

(cons)

- deployment complexity
- conversion overhead
- integration testing

Communication



http

(example)

Prose

- you already know it
- you (may) already have it

(cons)

- (may) expose a private interface
- error/retry handling
- incidental complexity
- scaling?
- endpoint discovery

database

(ugh, really? no example)

Prose

- you already know it
- you already have it
- generally good at coordination

(cons)

- using the db for transient data
- already a bottleneck
- polling complexity

messaging

(example)

Prose

- less compensatory logic
- simple scalability
- distinct endpoint

(cons)

- timeouts still an issue
- (possibly) another system to manage
- integration testing

Sync/Async



Prose

- true deployment independence
- simplifies the requester
- scalable
- chainable

(cons)

- up front design
- dealing with async results
- debugging & integration tests

General Pattern



Resources

- immutant.org
- torquebox.org
- [gh:/tobias/procrastination-sample-code](https://github.com/tobias/procrastination-sample-code)

Donkey



Shin



Danke schön!

