BDD in 3

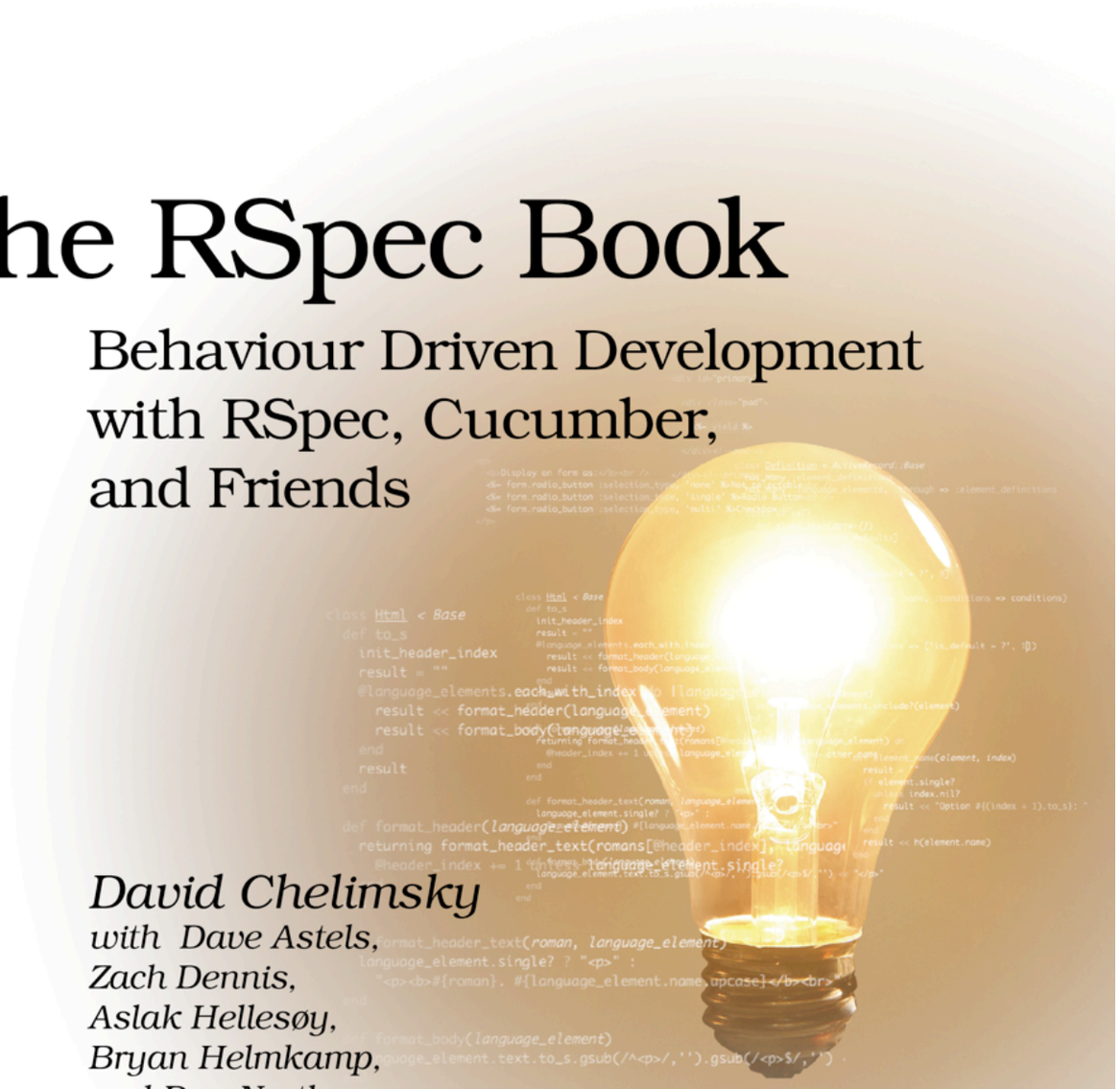
David Chelimsky
Articulated Man, Inc

Corey Haines
Will pair for food

The Pragmatic Programmers

The RSpec Book

Behaviour Driven Development with RSpec, Cucumber, and Friends



David Chelimsky
with Dave Astels, Zach Dennis, Aslak Hellesøy, Bryan Helmkamp, and Dan North

Edited by Jacquelyn Carter

The Facets of Ruby Series

agenda-ish

- background — 15 mins
- demo — 30 mins
- exercise — 45 mins
- break — 5 mins
- demo — 20 mins
- exercise — 45 mins
- q&a — 20 mins

background

it’s all behaviour

jbehave

a new look
at
test driven development

rspec

2005

```
class BDD < TDD
end
```

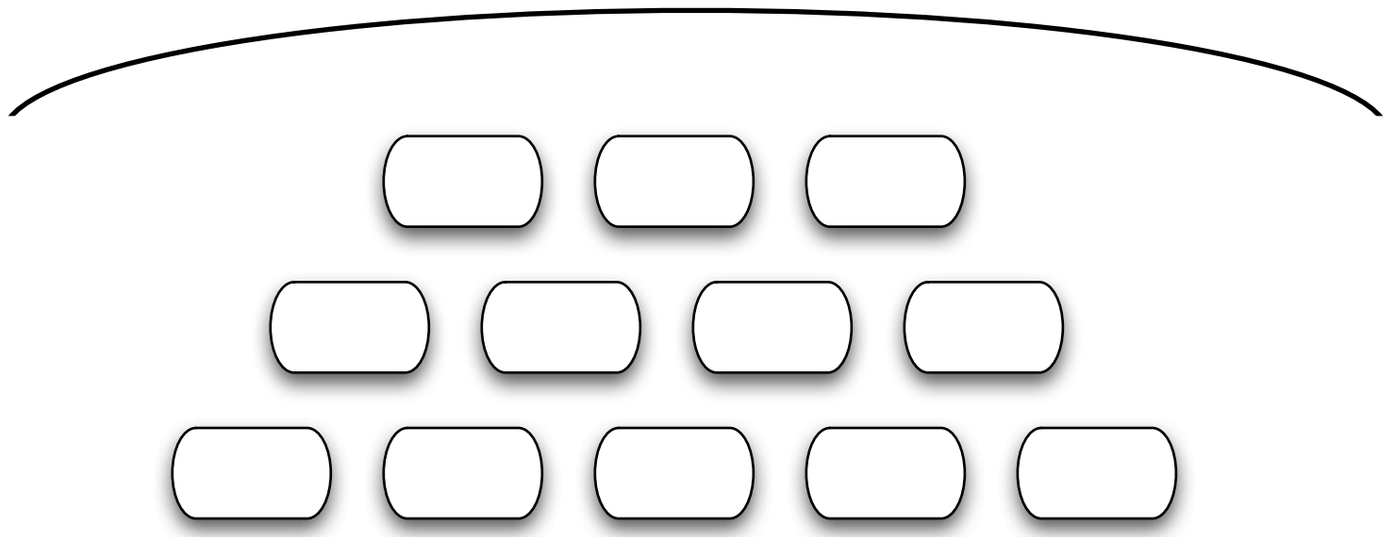
2009

```
class BDD < XP
end
```

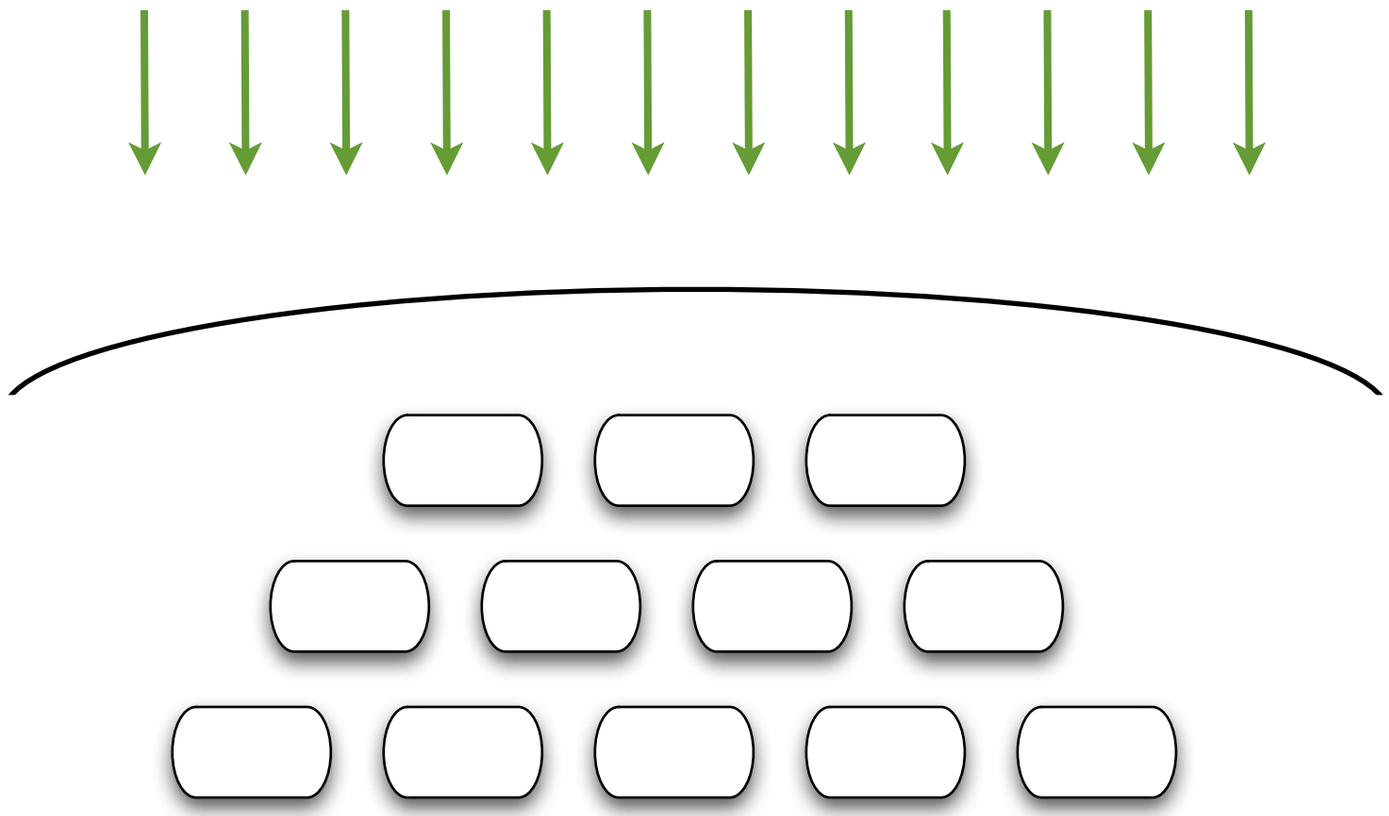
bdd is a mindset, not a toolset

the BDD mindset

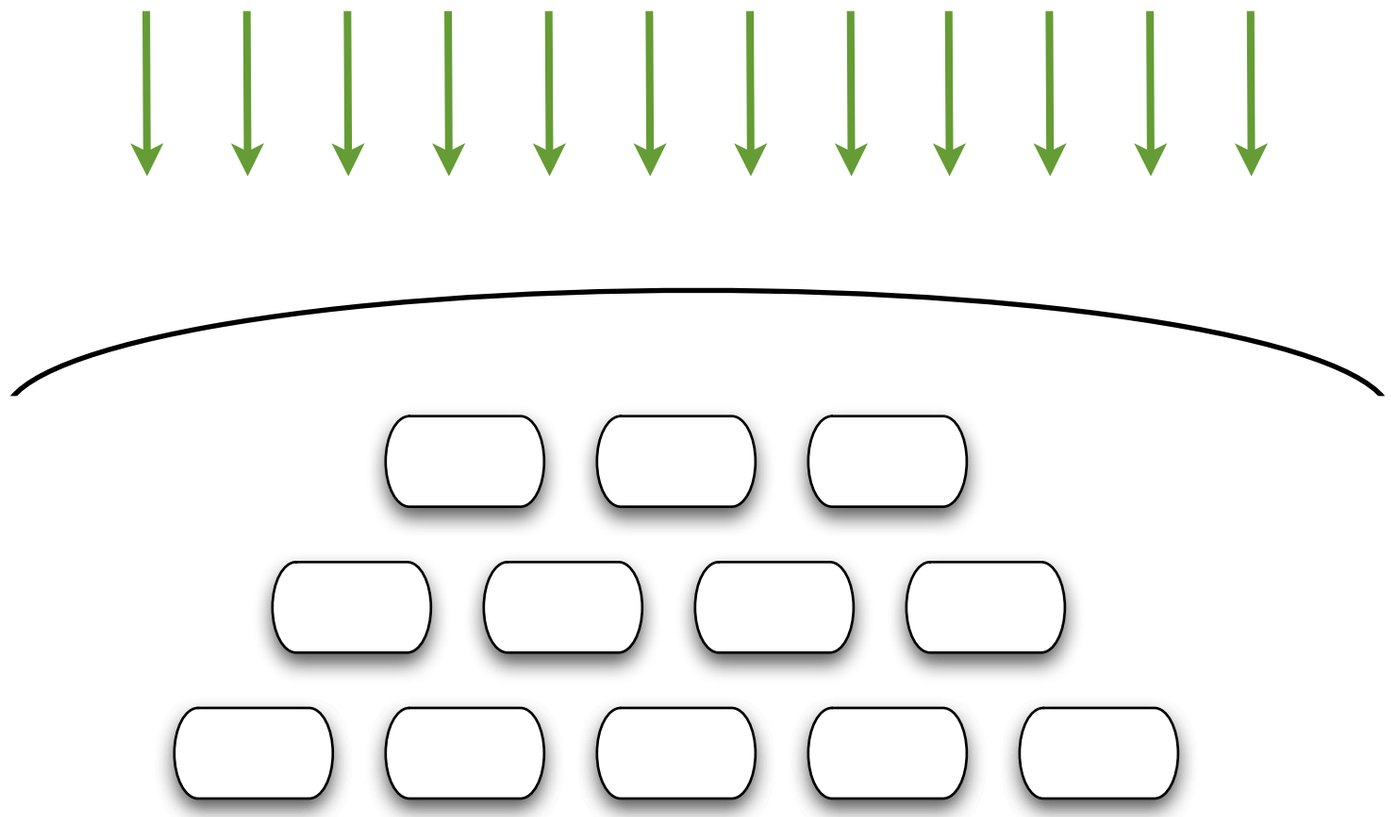
inherited from XP



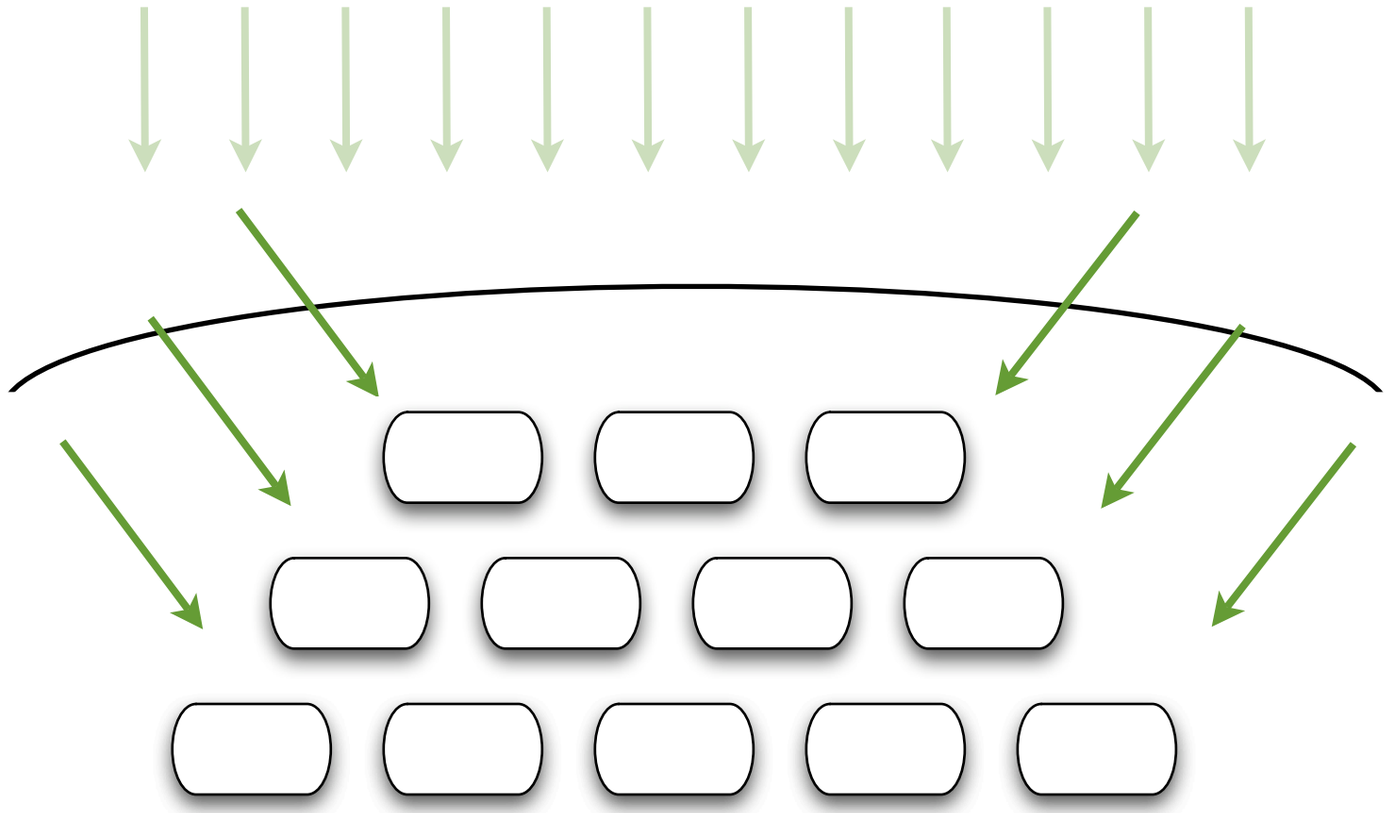
customer specs



outside-in



outside-in

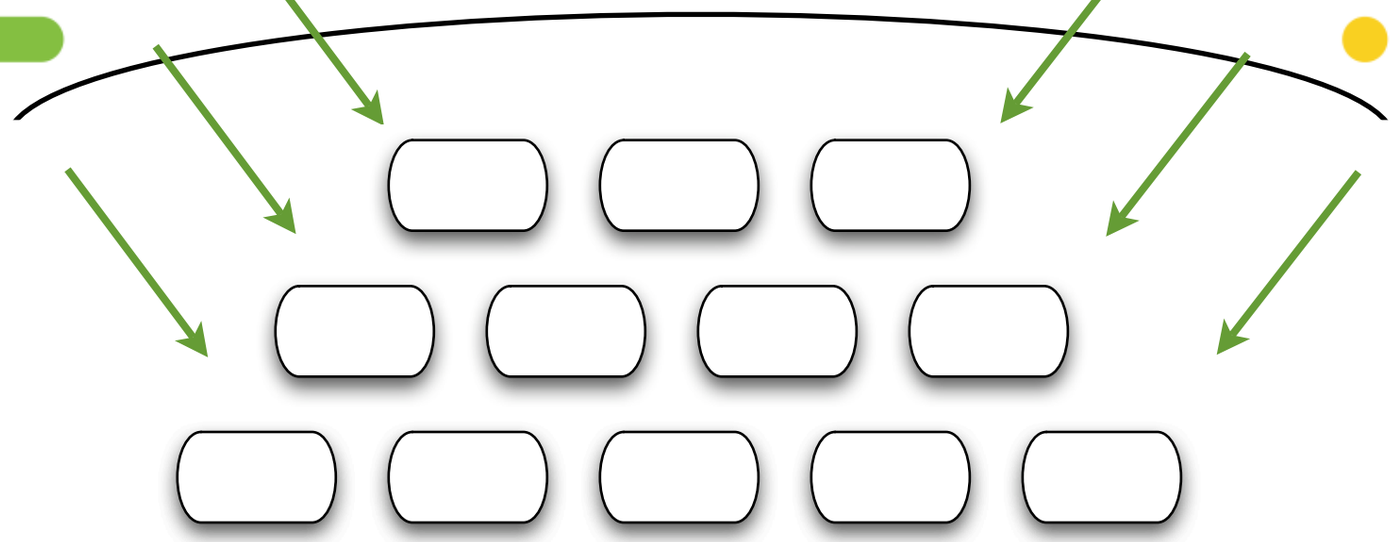


developer specs

Cucumber

rspec

rspec



I thought it wasn't about the tools?

rails integration tests

test/unit

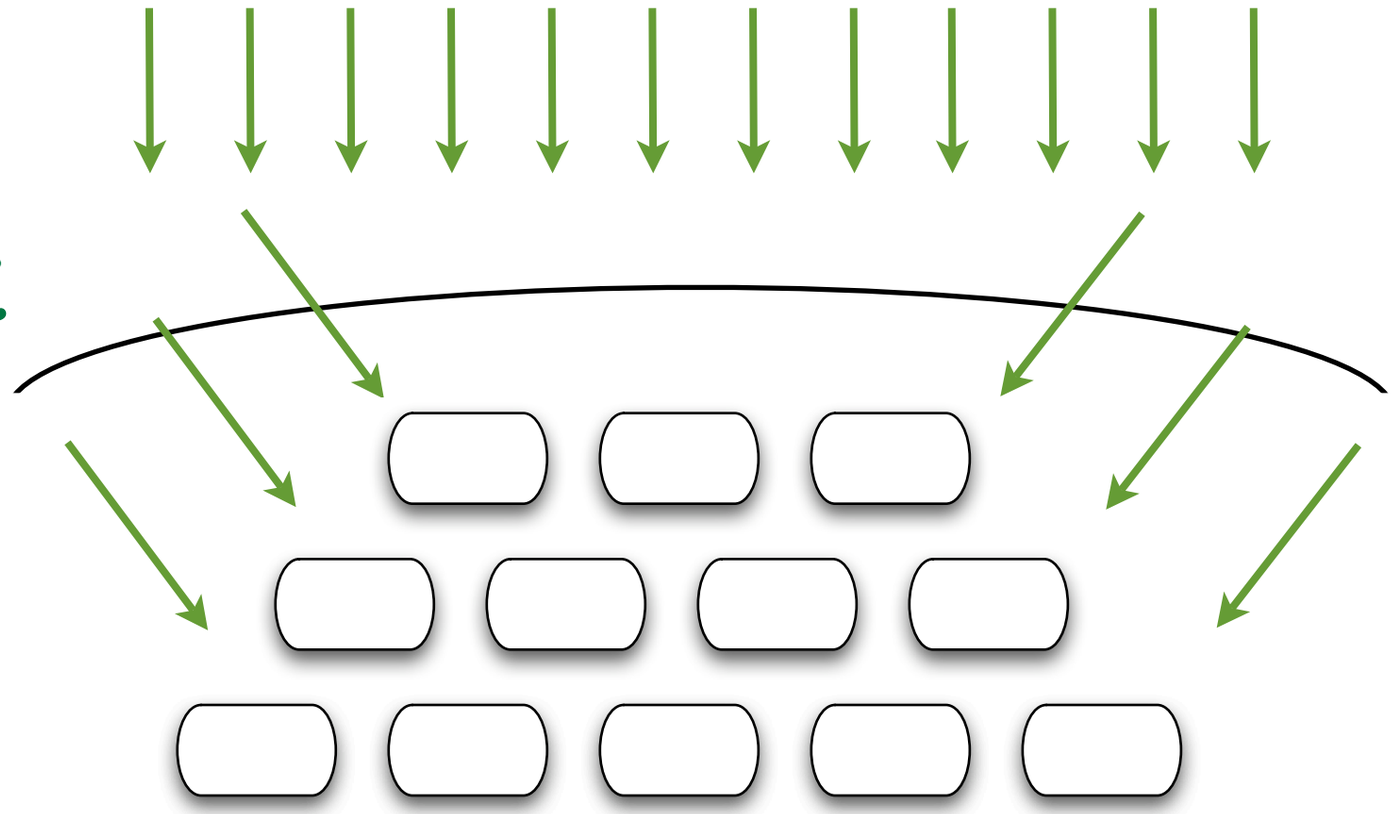
shoulda

bacon

test/spec

context

etc, etc



test/unit

shoulda

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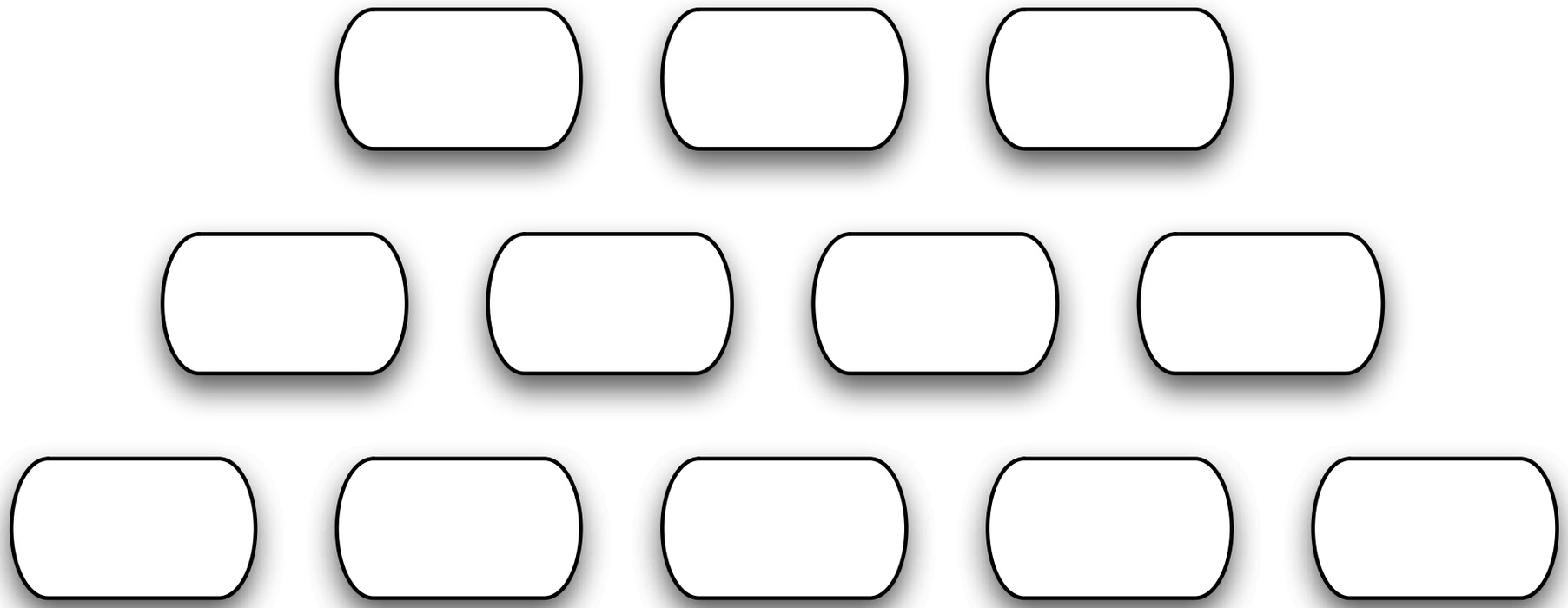
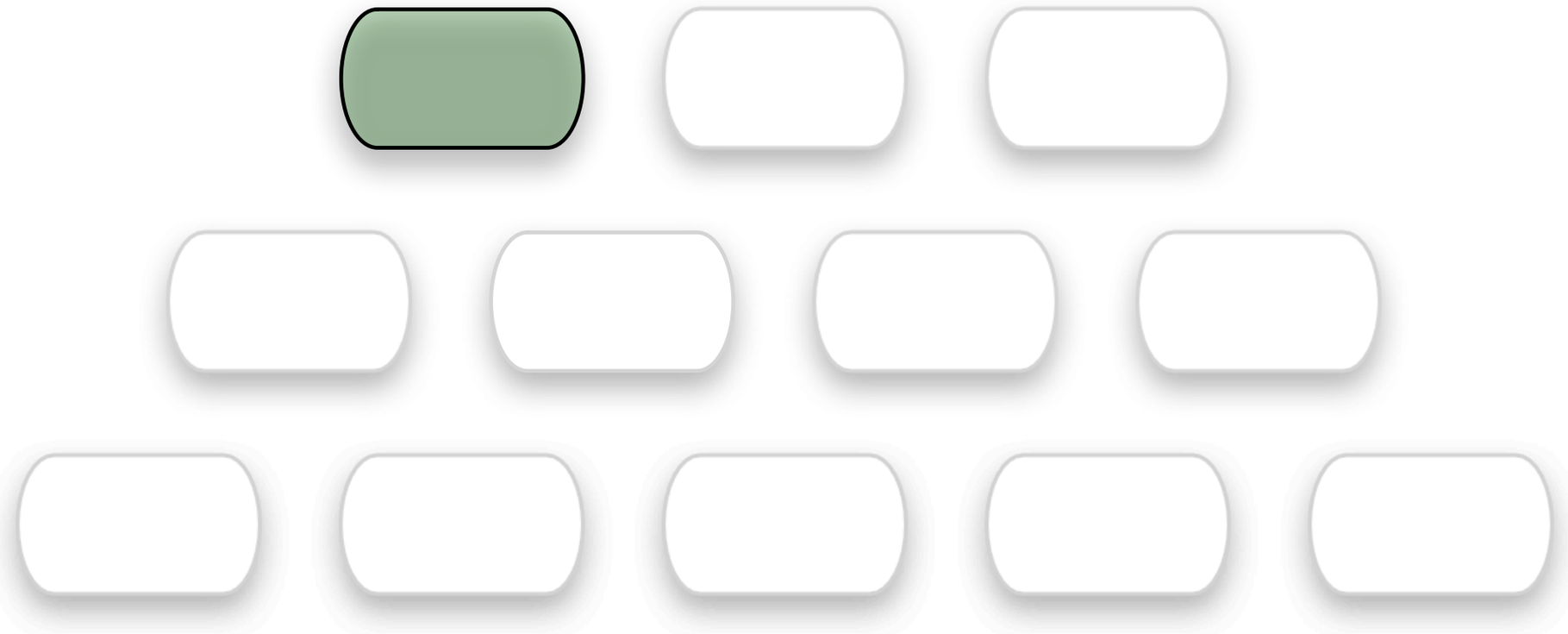
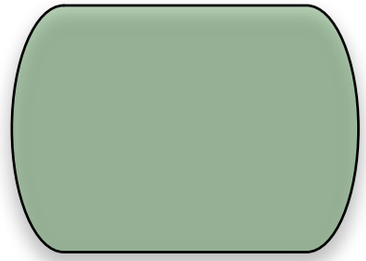
test/spec

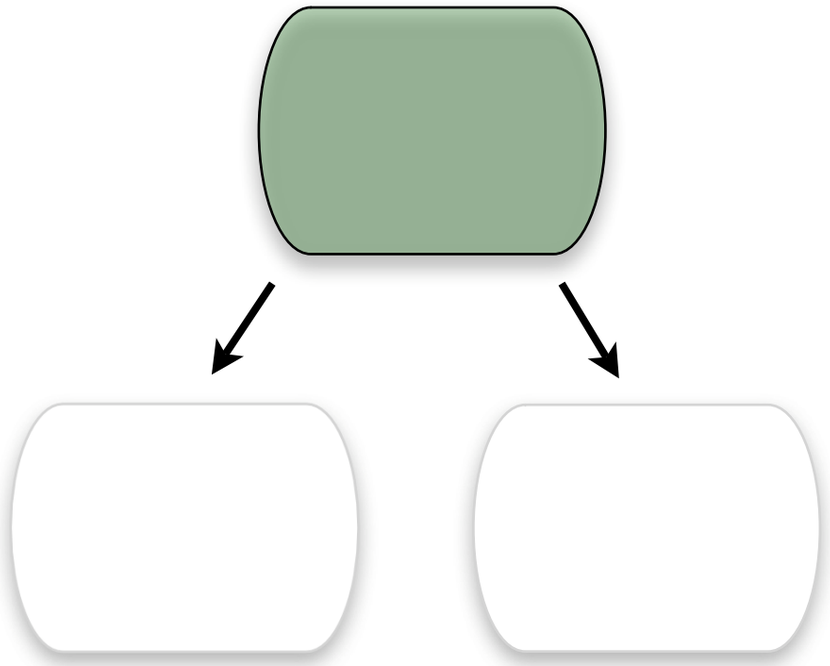
context

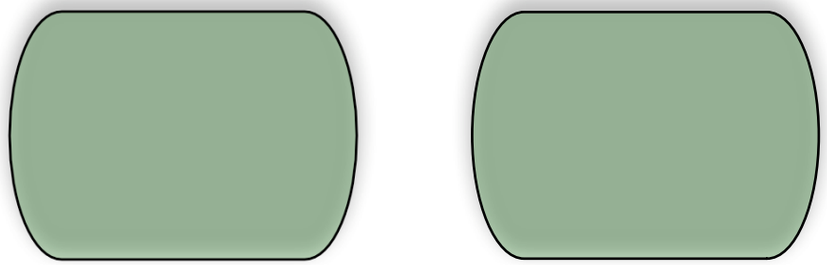
etc, etc

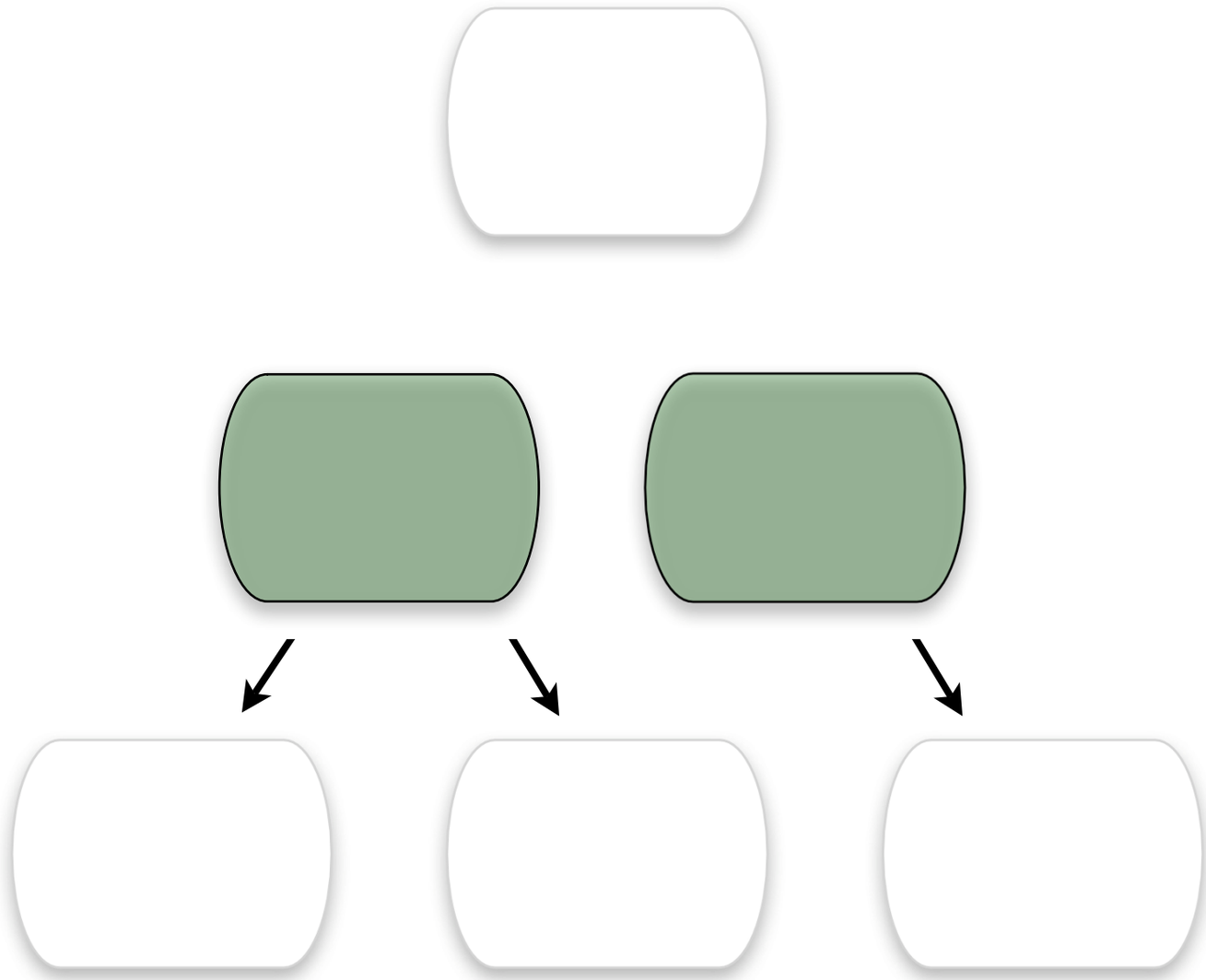




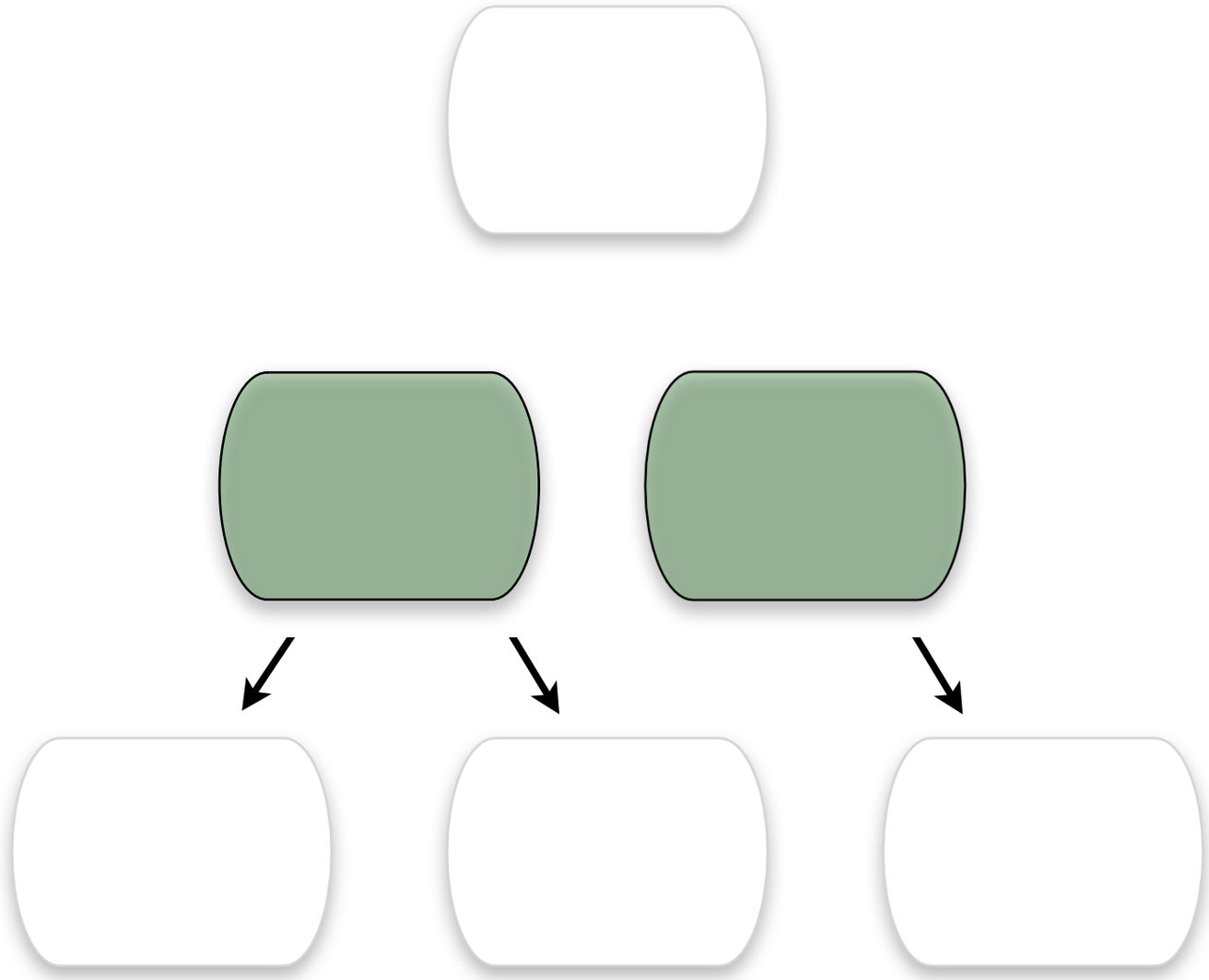








outside-in



story tracker

tools

- rails-2.3.4
- cucumber-0.3.99
- rspec-1.2.8
- rspec-rails-1.2.7.1
- webrat-0.5.3
- ZenTest-4.1.4
- spork-0.5.11

git clone
git://github.com/dchelimsky/wcrc.git

demo

exercise 1

```
$ git branch --track 2-exercise-iterations \
  origin/2-exercise-iterations
$ git checkout 2-exercise-iterations
$ mkdir db
$ rake db:migrate
$ rake db:test:prepare
$ cucumber
$ rake spec
```

```
break_for(5.minutes).
should be_enough
```

demo

exercise 2

```
$ git branch --track \
  4-exercise-refactor-backlog \
  origin/4-exercise-refactor-backlog
$ rake db:migrate
$ rake db:test:prepare
$ rake cucumber
$ rake spec
```

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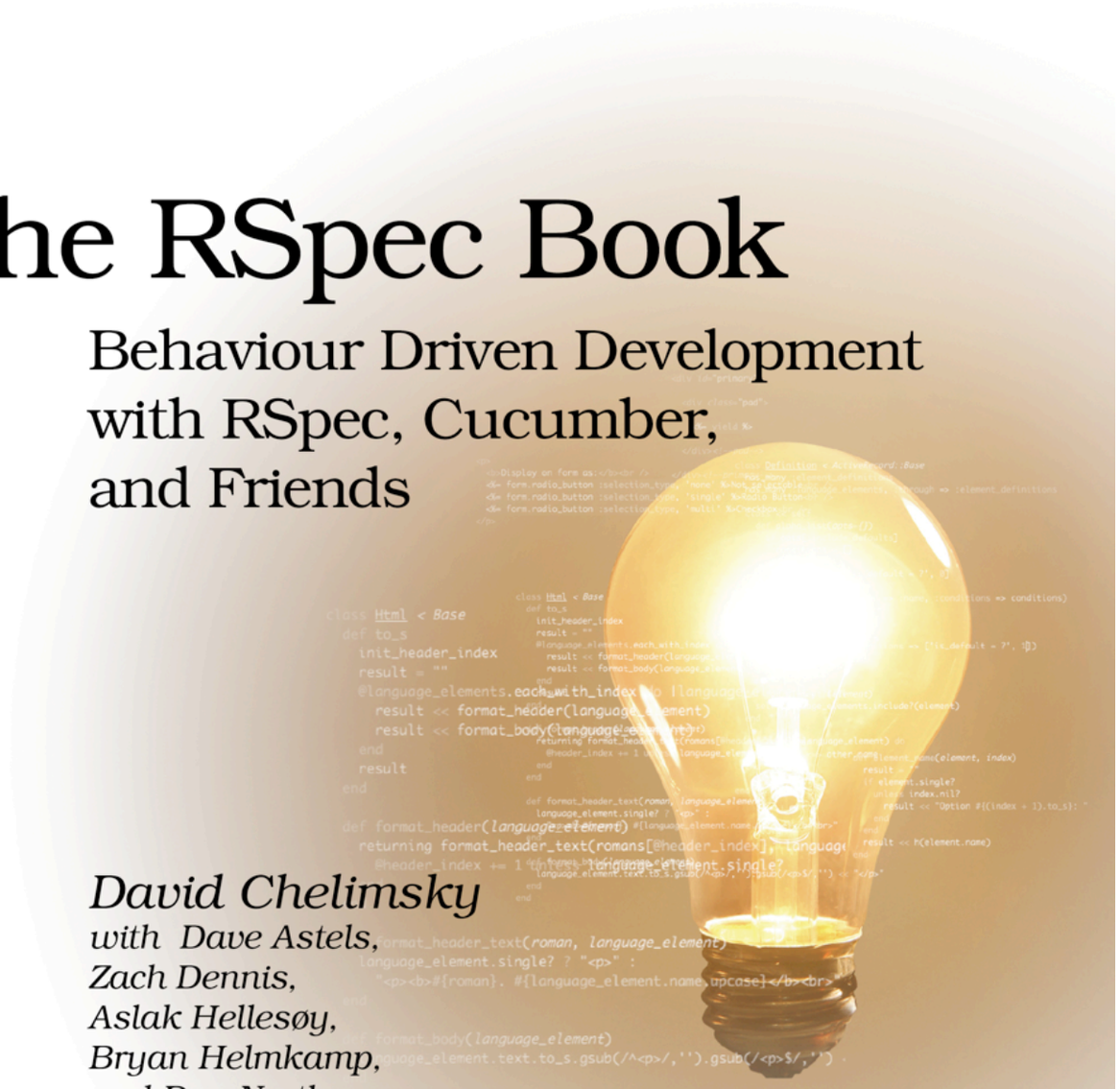

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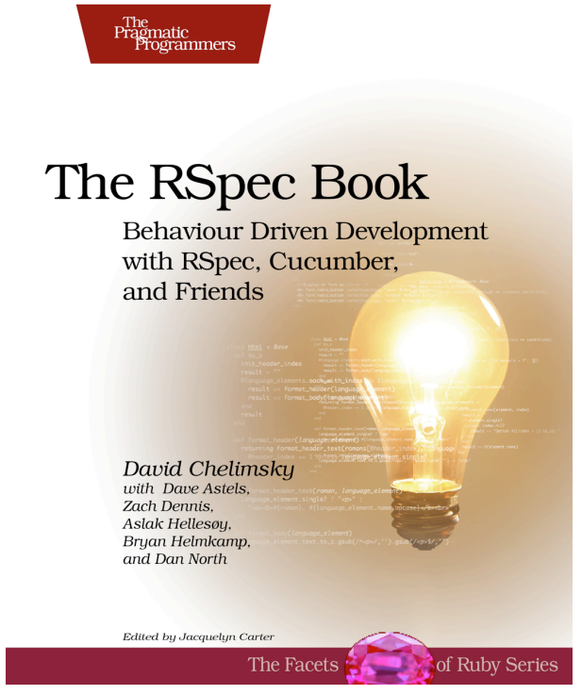
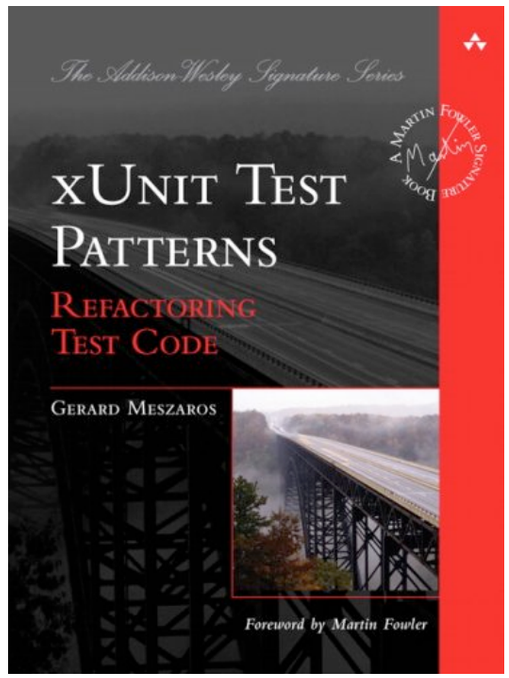
questions?

http://pragprog.com/titles/achbd/the-rspec-book





http://xunitpatterns.com/

Mock Roles, not Objects

http://www.mockobjects.com/files/mockrolesnotobjects.pdf

growing object-oriented software, guided by tests

http://www.mockobjects.com/book/

http://blog.davidchelimsky.net/

http://www.articulatedman.com/

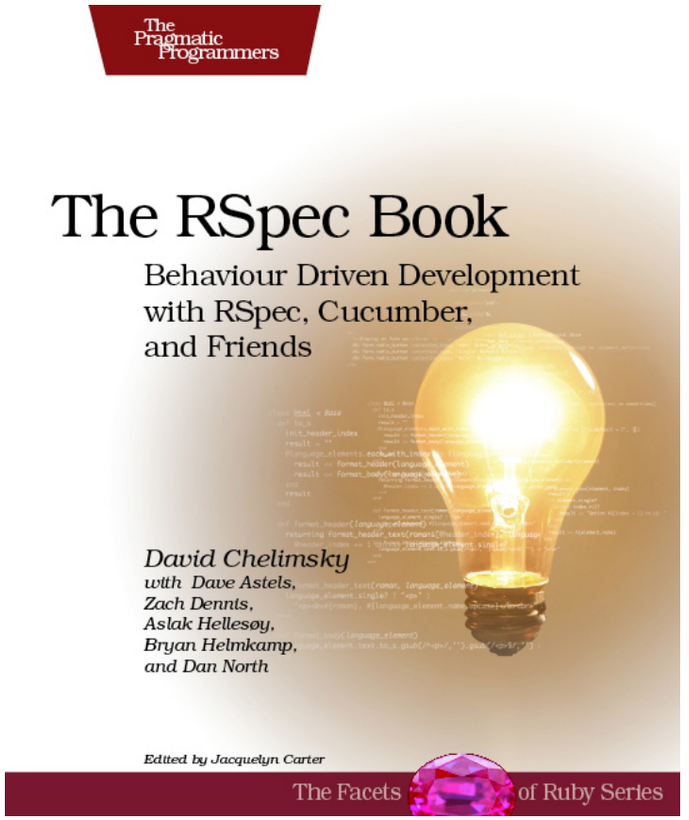
http://rspec.info/

http://cukes.info/

http://www.pragprog.com/titles/achbd/the-rspec-book

describe it with

rspec

Cucumber

Behaviour Driven Development
with elegance and joy