

Rails Components @ RMR 2015

Stephan Hagemann, Jeff Taggart

Agenda

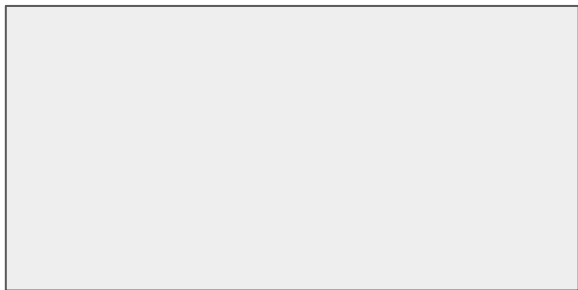
1. Who are you? And why *components*?
2. What are components?
3. The structure of *your* app
4. Real life example: The structure of P2Bi
5. The *first* refactor

Who are you?
Why components?

Jeff... Stephan...

What are components?

<https://github.com/barinek/userservices>



a context

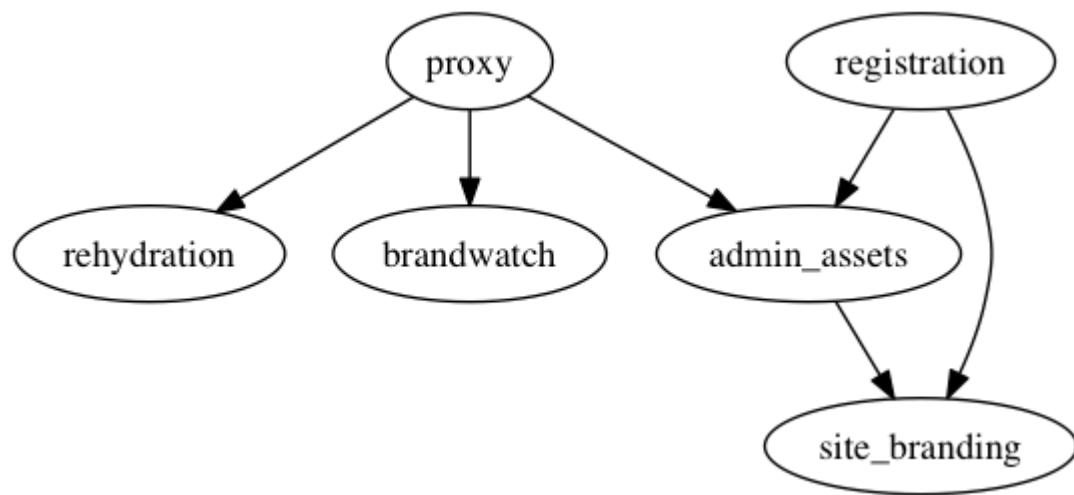
explicit
dependencies

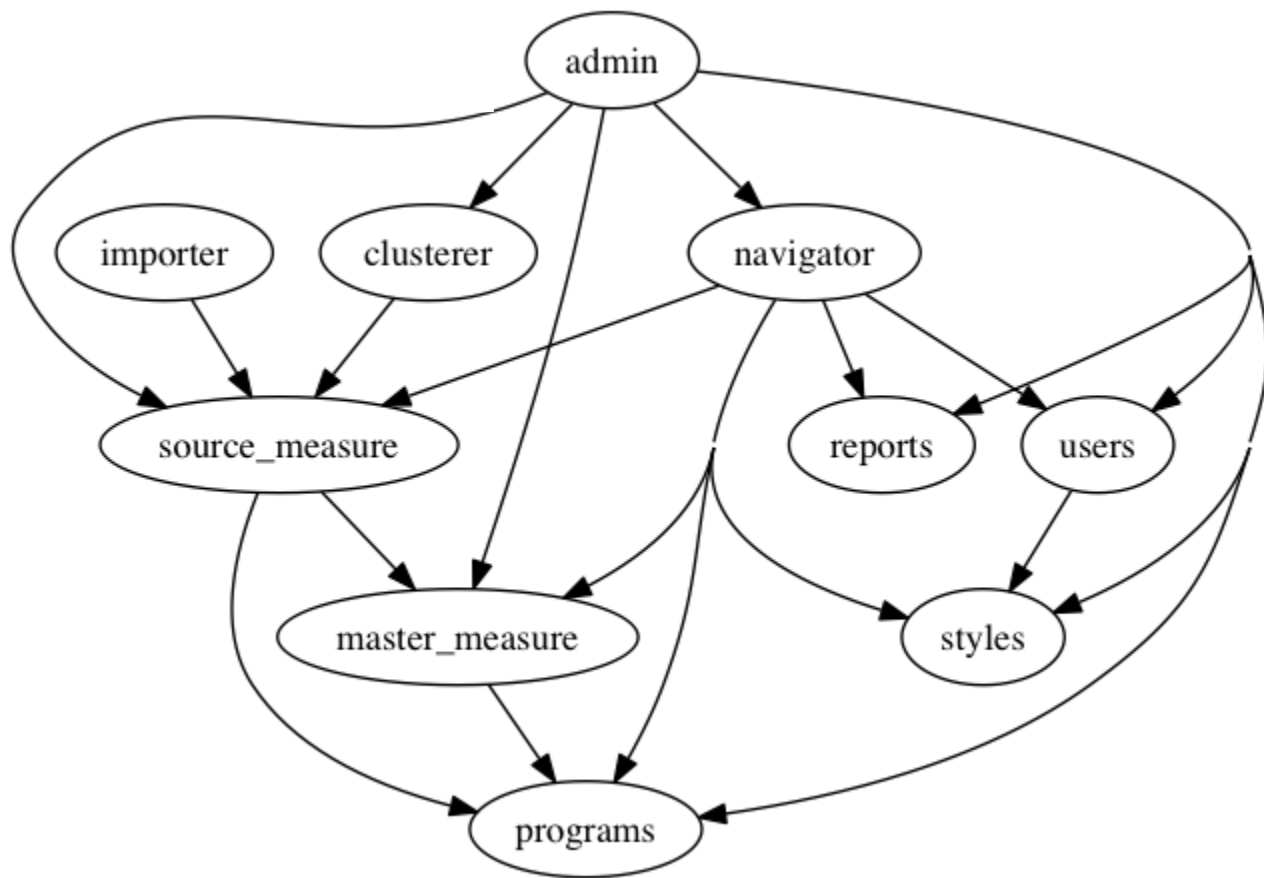


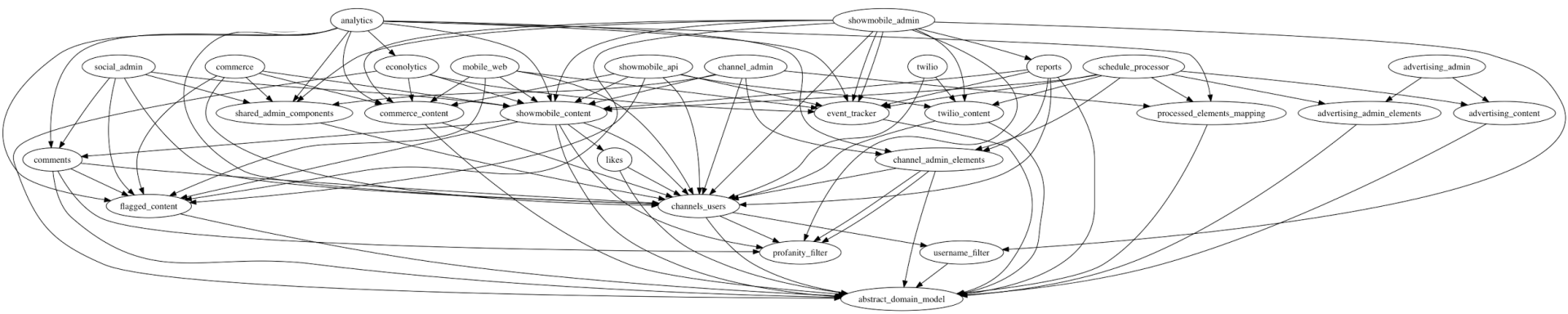
Creating an *application* based on components creates *constraints* that will improve the overall *maintainability* of your app

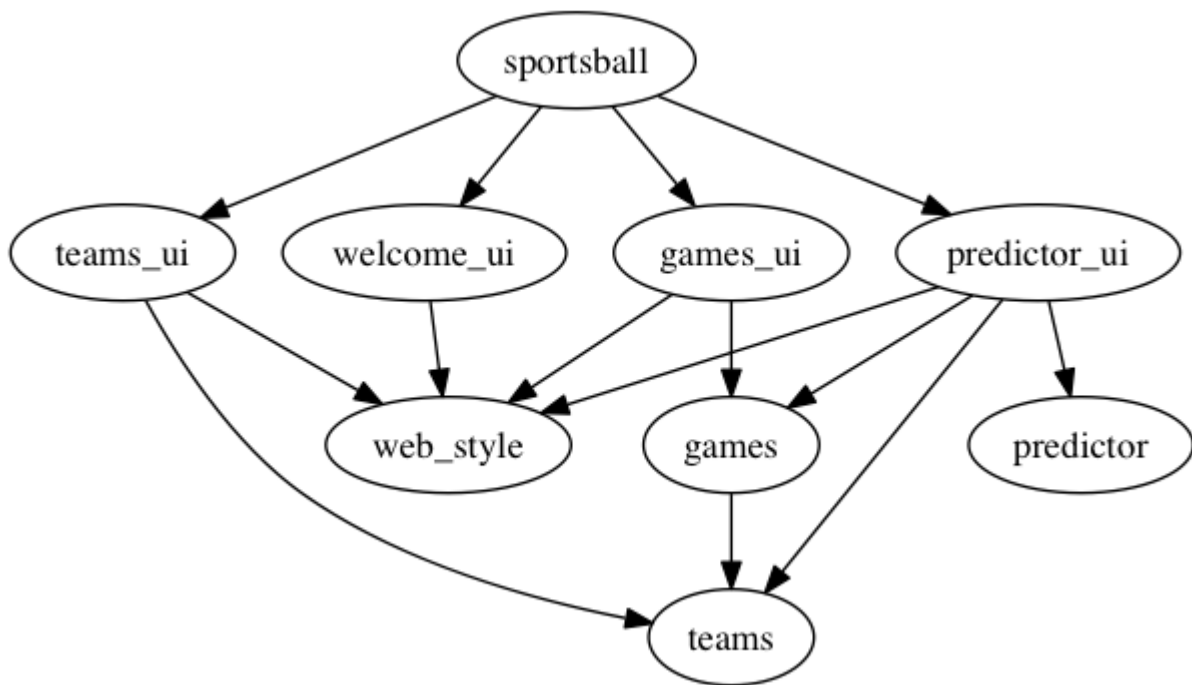
Creating an *application* based on
components creates *conversations* that
will improve the overall *maintainability* of
your app

The structure of *your* app









Architecture Sketching Exercise

Real life example: The structure of P2Bi



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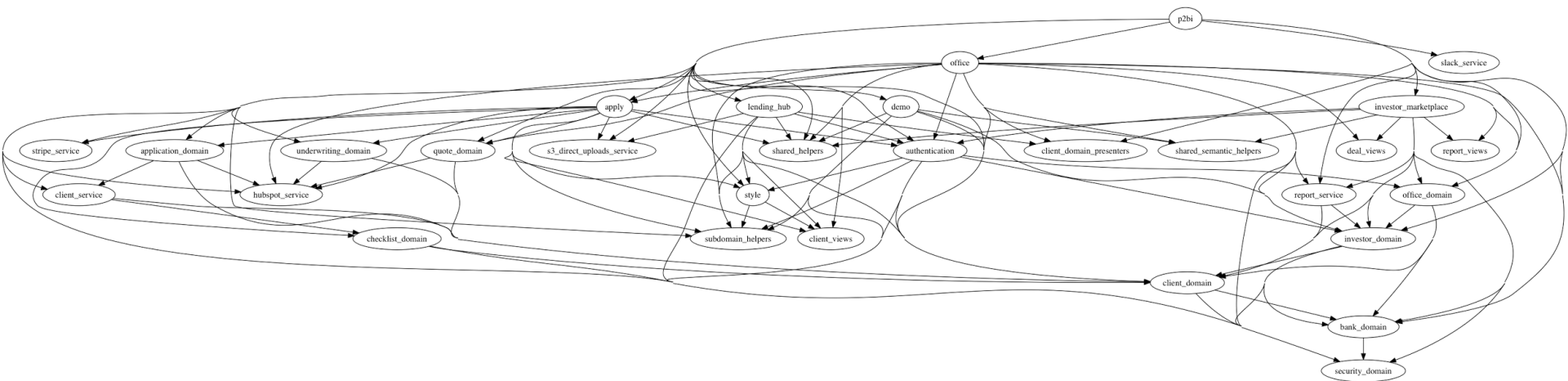
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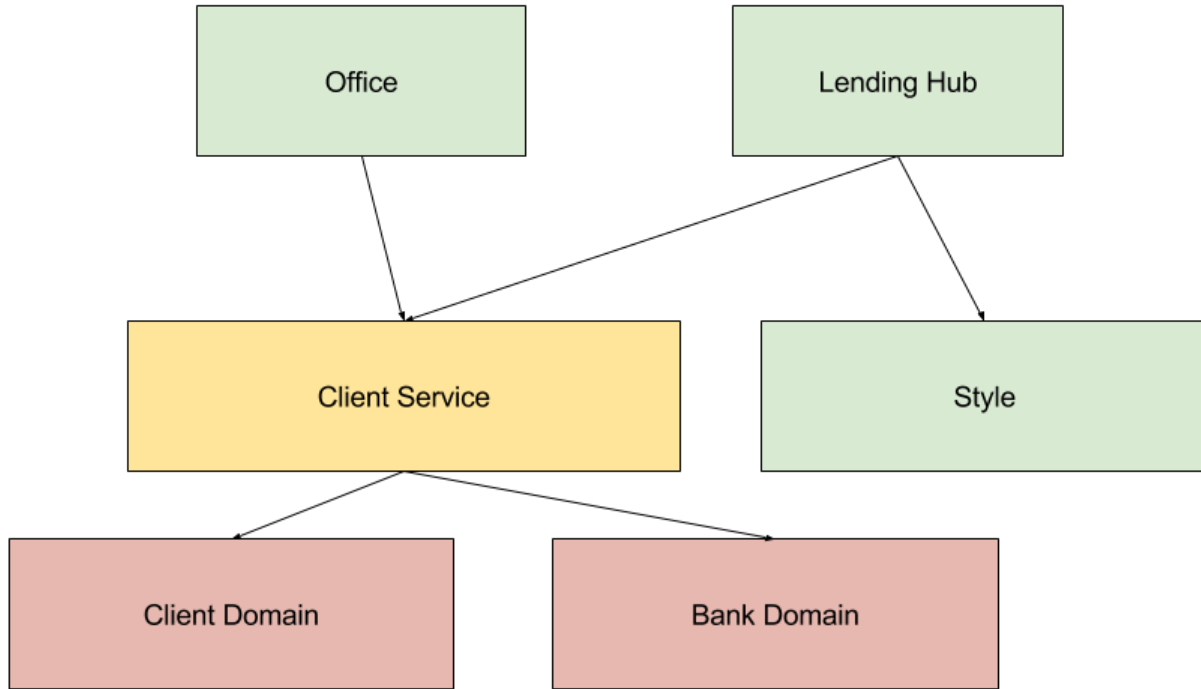
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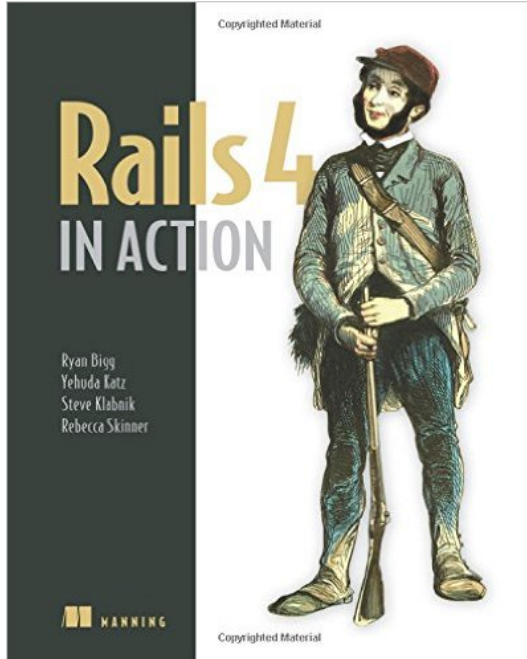




Discussion of P2B Code

The *first* refactor

https://github.com/rubysherpas/r4ia_examples



For this example application, your imaginary client, who has limitless time and budget (unlike clients in the real world), wants you to **develop a ticket-tracking application to track the company's numerous projects.**

@shageman, @jetaggart

github.com/shageman/r4ia_examples

[gist.github.com/shageman/
89d869ef8539f78312b0](https://gist.github.com/shageman/89d869ef8539f78312b0)

Pros and Cons of persistence extraction

- mechanical refactoring (i.e., fast)
- shows entanglement of model layer
- works on every app
- scriptable
- creates a sample and pattern
- It does (not yet) create a meaningful “domain component”

Discussion of extraction script

Extraction exercise for everyone's apps

Wrapping up



Working on it...

50% off:

leanpub.com/cbra/c/rmr15

@shageman, @jetaggart

<http://cbra.info>

Link collection about CBRA

Check out:

<http://lotusrb.org/>

Lotus MVC

Thanks!

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