Developing Web Apps with Ruby on Rails

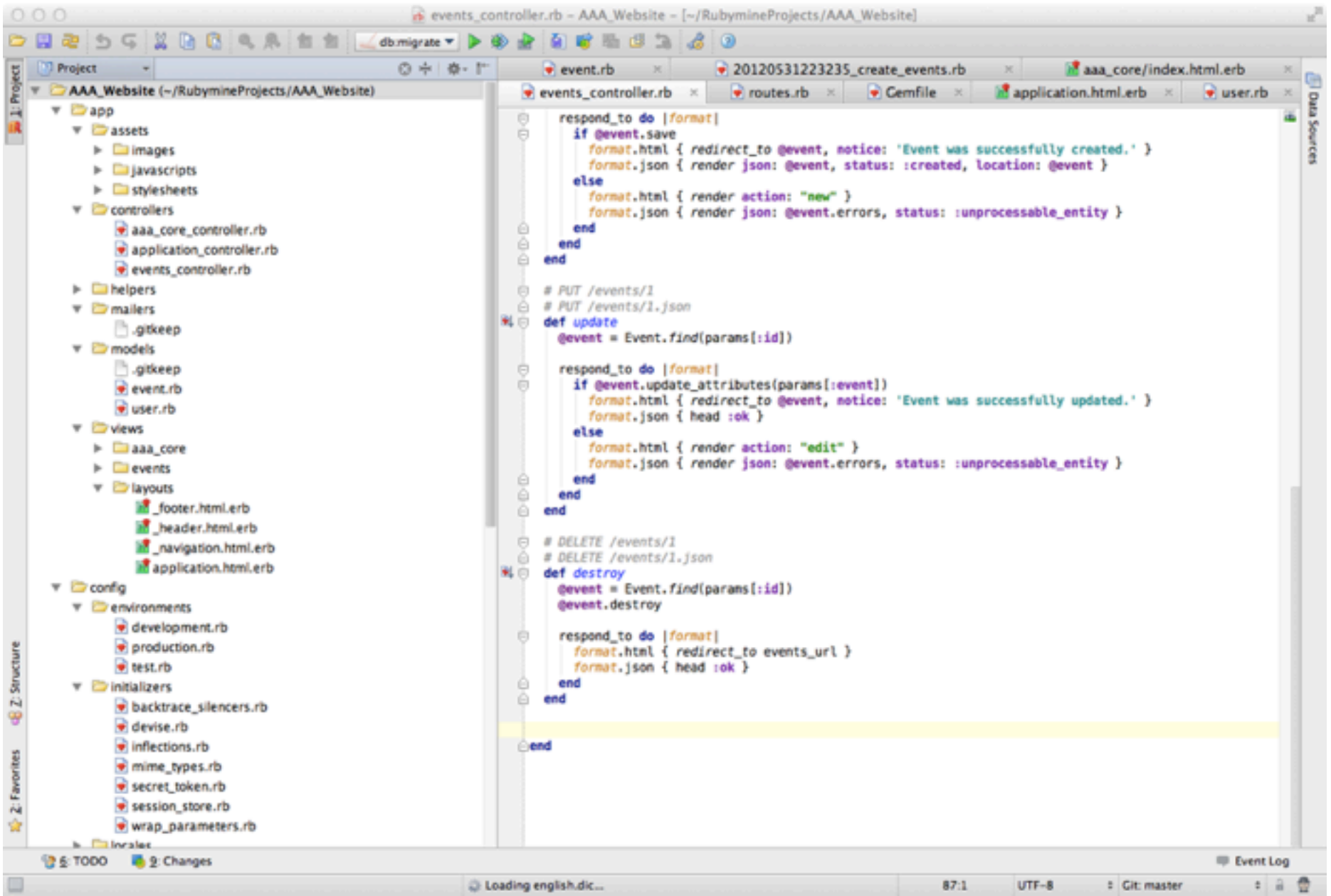
Prof. Paul Krause, University of Surrey
Chapter 3, Lecture 1
The Importance of Process

Objectives for today

- Introduce the Importance of:
  - Stable Development
  - Behaviour Driven Development and Testing
  - Version Control
  - Early Deployment

Stable Development Environment

Command Line vs. RubyMine



Behaviour Driven Development and Testing

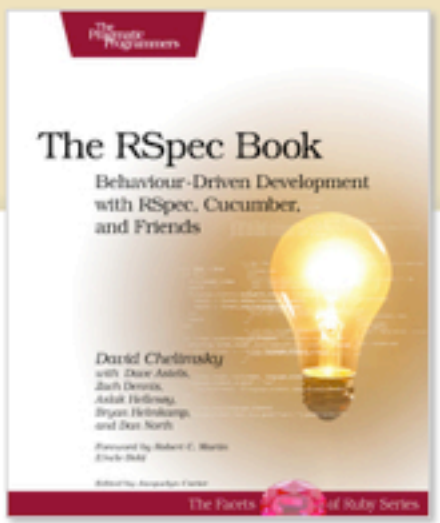
RSpec & Cucumber

The Pragmatic Bookshelf

Books | Video |

The RSpec Book: Behaviour-Driven Development with RSpec, Cucumber, and Friends

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



Behaviour-Driven Development (BDD) gives you the best of Test Driven Development, Domain Driven Design, and Acceptance Test Driven Planning techniques, so you can create better software with self-documenting, executable tests that bring users and developers together with a common language.

Get the most out of BDD in Ruby with *The RSpec Book*, written by the lead developer of RSpec, David Chelimsky.

Code • Errata • Discussions

448 pages, 2010-12-02
ISBN: 978-1-93435-637-1
Releases

Version Control

git-scm.com

git --distributed-is-the-new-centralized

Search entire site...

Git is a free and open source distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

Git is easy to learn and has a tiny footprint with lightning fast performance. It outclasses SCM tools like Subversion, CVS, Perforce, and ClearCase with features like cheap local branching, convenient staging areas, and multiple workflows.

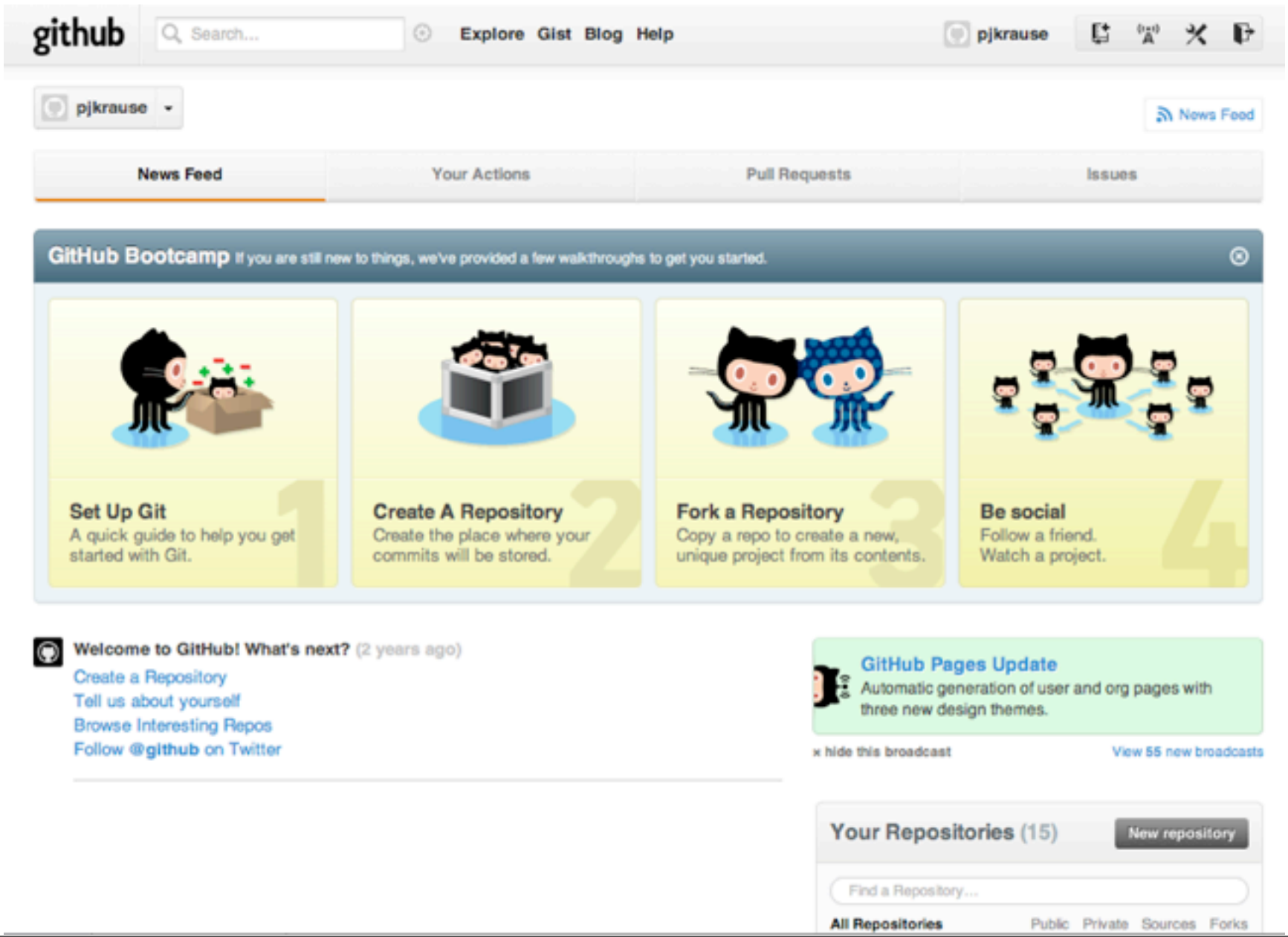
About
The advantages of Git compared to other source control systems.

Documentation
Command reference pages, Pro Git book content, videos and other material.

Downloads
GUI clients and binary releases for all major platforms.

Community
Get involved! Mailing list, chat, development and more.

github.com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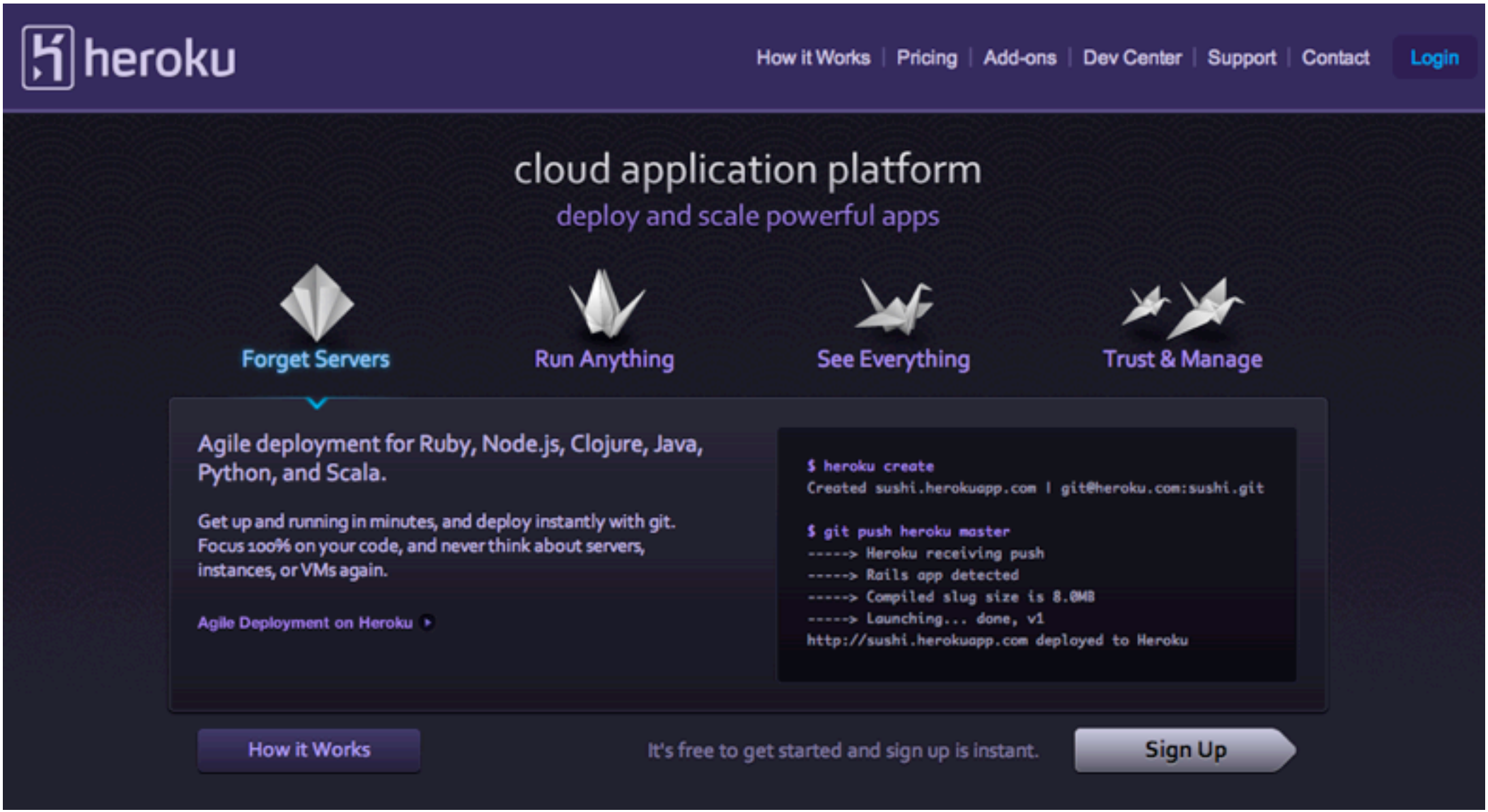
GitHub Bootcamp If you are still new to things, we've provided a few walkthroughs to get you started.
Set Up Git
A quick guide to help you get started with Git.
Create A Repository
Create the place where your commits will be stored.
Fork a Repository
Copy a repo to create a new, unique project from its contents.
Be social
Follow a friend.
Watch a project.
Welcome to GitHub! What's next? (2 years ago)
Create a Repository
Tell us about yourself
Browse Interesting Repos
Follow @github on Twitter
GitHub Pages Update
Automatic generation of user and org pages with three new design themes.
× hide this broadcast
View 55 new broadcasts
Your Repositories (15)
New repository
Find a Repository...
All Repositories
Public
Private
Sources
Forks

Early Deployment

www.heroku.com



What you are going to learn!

- Cool Agile Developers (CADs):
    - Develop, Test, Commit, Deploy