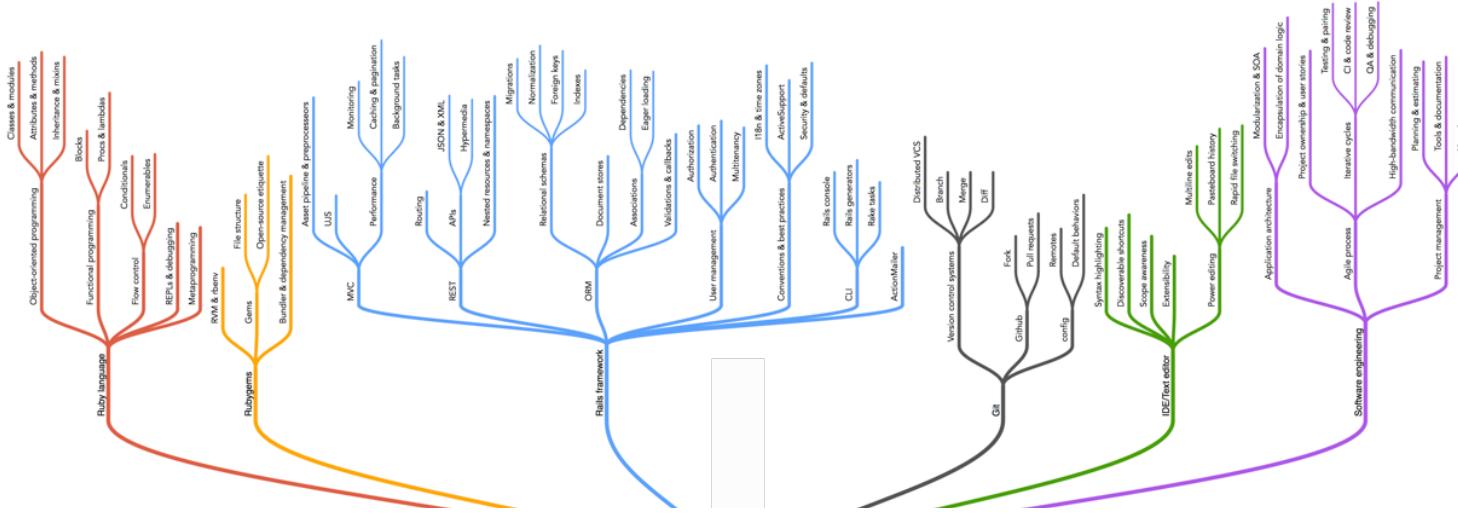


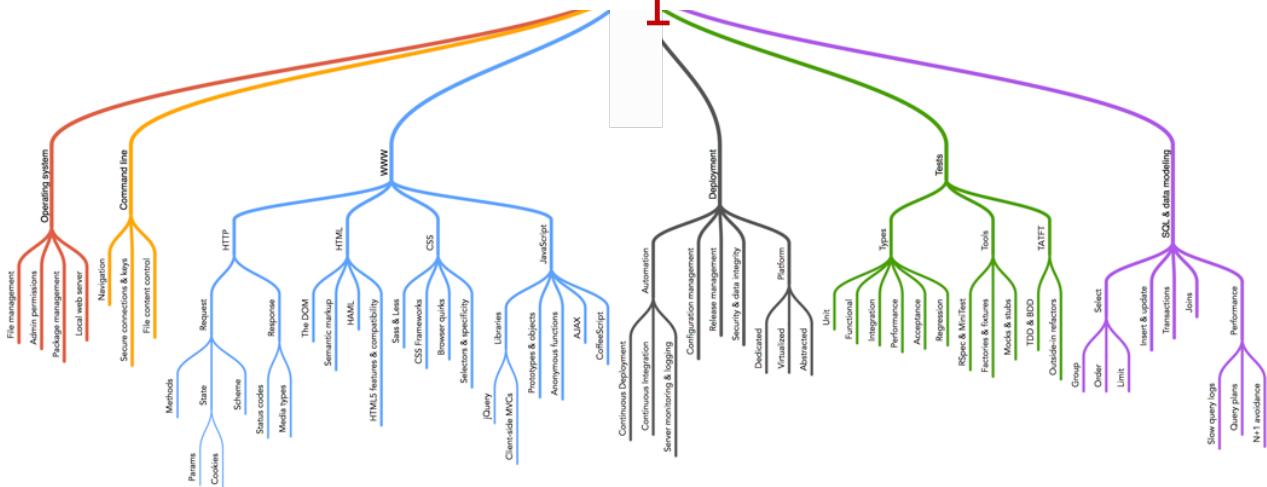


Your first 100 hours of Rails

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May - 2015

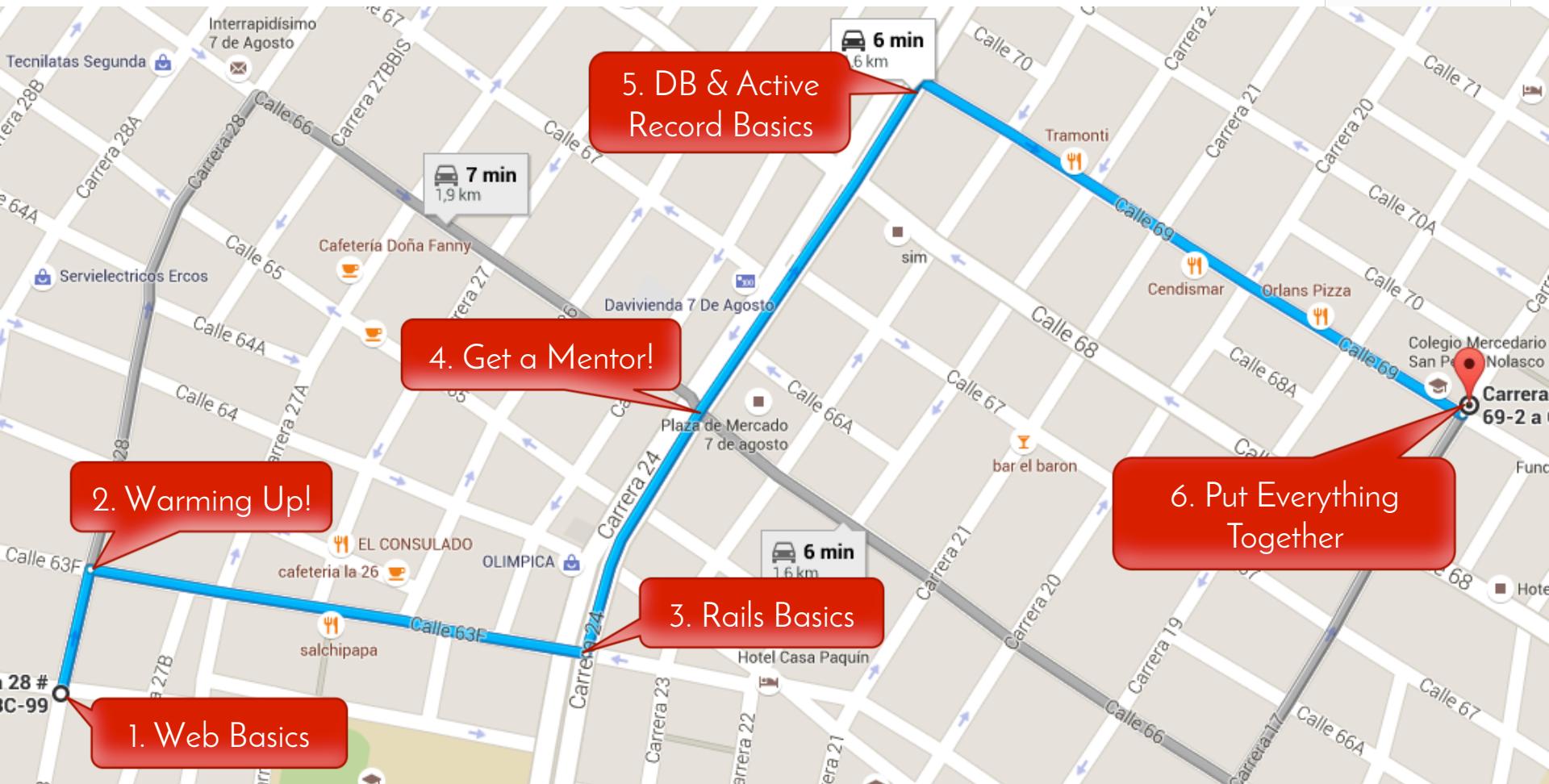


RoR Competencies



From: This is why learning Ruby on Rails is Hard, Brook Riggio

The Beginner's Roadmap



1. The Web Basics

Topic	Why learn this?	Where to learn
HTML	Foundational language of the web	<ul style="list-style-type: none">✓ Treehouse - How to make a website✓ Treehouse - HTML forms✓ Treehouse - HTML Tables
CSS	Give style to your web pages	<ul style="list-style-type: none">✓ Treehouse - CSS Foundations or CSS Basics
Sass	Write DRYer, cleaner and more maintainable code for styling	<ul style="list-style-type: none">✓ Treehouse - Sass Basics

1. The Web Basics



My recommended place of reference for this topic

Topic	Why learn this?	Where to learn
Foundation	Front-end framework. Makes your life a ton easier	<ul style="list-style-type: none">✓ Treehouse - Framework Basics✓ foundation.zurb.com/docs/ 
JS	Create dynamic web-pages	<ul style="list-style-type: none">✓ Treehouse - JavaScript Basics✓ Eloquent Javascript by Marijn Haverbeke (Ch1-5), available at: eloquentjavascript.net 
jQuery	JS Library. Makes your life a ton easier	<ul style="list-style-type: none">✓ Treehouse - jQuery Basics✓ api.jquery.com 

1. The Web Basics - Challenge

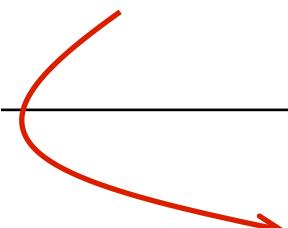
Build 2 static and interactive web pages using all you've learned so far

2. Warming Up (getting ready for Rails)

Topic	Why learn this?	Where to learn
Console	A lot of work during Rails development is done through the console. You need to get comfortable with it.	✓ Treehouse - Console Foundations 
Ruby	It's Rails' foundational language	✓ Treehouse - Learn Ruby Track
Git	It's the most popular Version Control System (VCS). VCSs makes it easy to develop with your team (among other things).	✓ Treehouse - Git Basics ✓ Getting Started - GitHub ✓ Dash.app - Git 

3. Rails Basics

Topic	Why learn this?	Where to learn
Installing Rails + Xcode, Homebrew, RVM	As a beginner, installing Rails can be one of the most frustrating experiences during your learning path. Learn this and you will avoid a lot of frustration in the future.	✓ RailsApps - railsapps.github.io/installrubyonrails-mac.html 
Rails Level 1	Rails isn't easy to understand. Get a jumpstart by following an extremely friendly and comprehensive book	✓ Learn Rails by Daniel Kehoe - learn-rails.com 
	<ul style="list-style-type: none">✓ Rails' folder structure✓ Using Gems✓ Rails' Convention over configuration✓ Routing✓ Request and response	<ul style="list-style-type: none">✓ MVC✓ Layouts and views✓ Forms✓ GoogleDocs + Rails✓ ActionMailer



3. Rails Basics - Challenge

Build your own app using Google Sheets as the “Data Base”

4. Get a Mentor

From this point forward, everything starts getting more complicated. A mentor will save you tons of frustration and time.



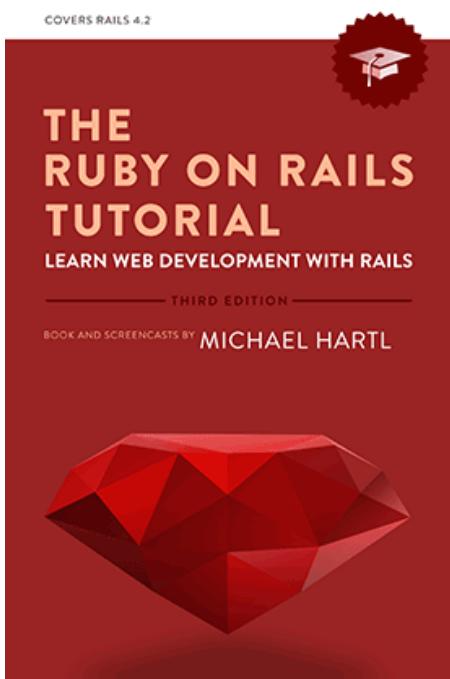
www.railsmentors.org

5. Databases & Active Record Basics

Topic	Why learn this?	Where to learn
DB & SQL	Databases are the memory of your applications. Learn how to manipulate data in them using the Structured Query Language (SQL)	✓ Treehouse - Database Foundations
Install MySQL	Some databases are not installed by default on most computers. Installing a DB can be a bit cumbersome, so here is some help to avoid frustration!	✓ MySQL official documentation - dev.mysql.com/doc/refman/5.6/en/osx-installation.html 
Migrations and Active Record	Active Record handles the querying of the database for any Rails app. In most cases it will free you from writing SQL.	✓ Easy Active Record for Rails Developers by Jason Gilmore - easyactiverecord.com 

6. Put Everything Together

Let all your knowledge settle down by following the best Ruby on Rails tutorial available.

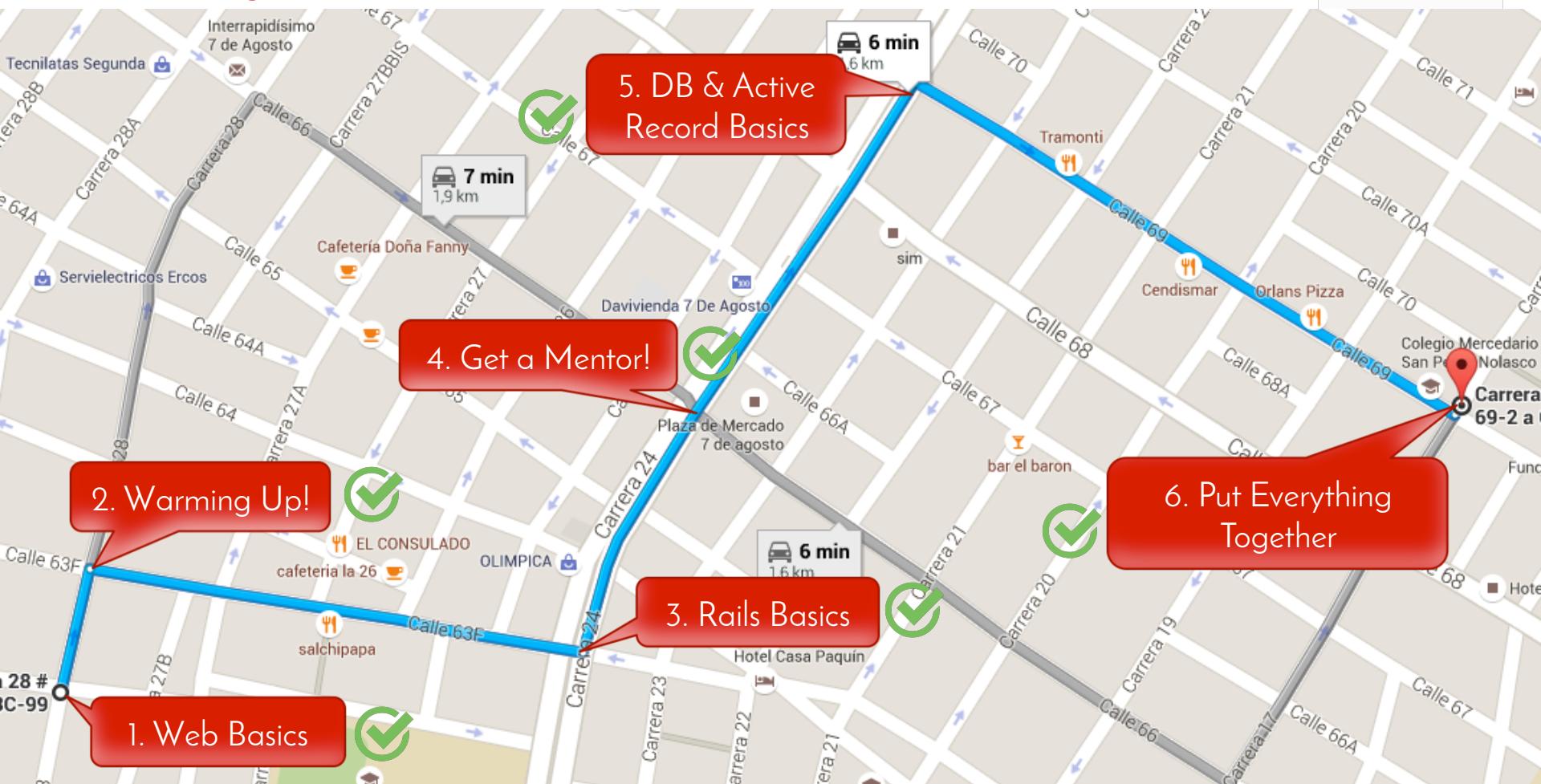


Besides testing everything you know, you will learn about:

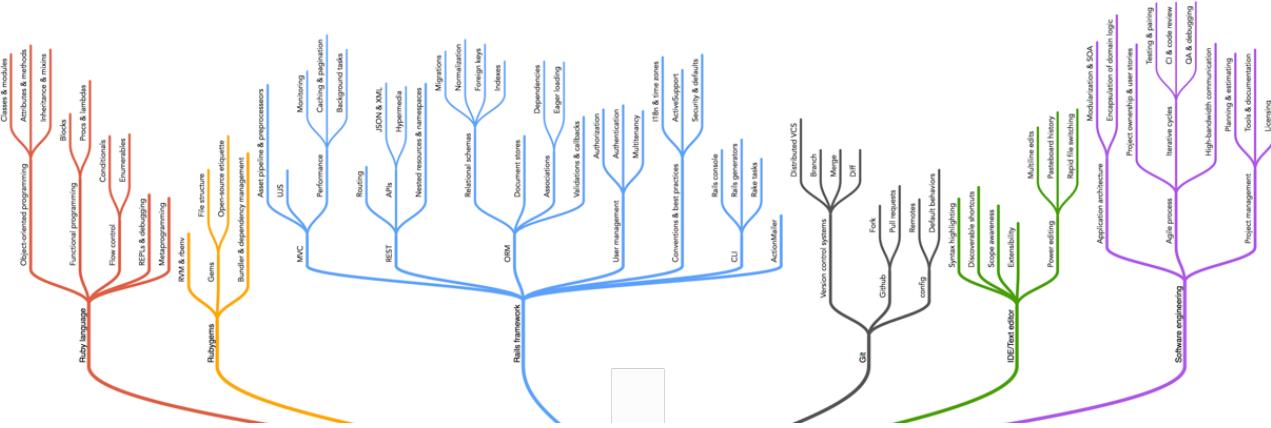
- ✓ User Authentication (no gems used)
- ✓ Test Driven Development (TDD)

Available for free at: railstutorial.org/

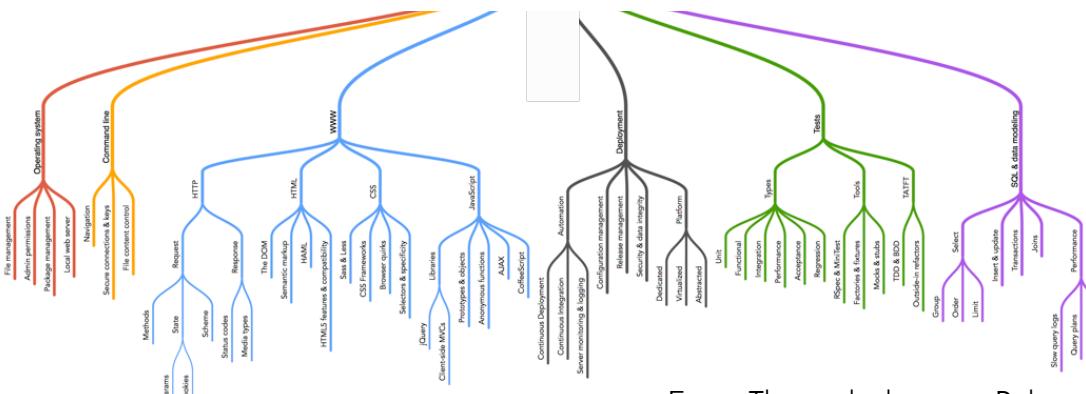
Congratulations!



What's Next?



RoR Competencies



From: This is why learning Ruby on Rails is Hard, Brook Riggio

My Toolbox

(random useful stuff I would like to share)

1. RailsApps

<http://railsapps.github.io/>



- ✓ Bootstrap Quickstart Guide
- ✓ Foundation Quickstart Guide
- ✓ Rspec Quickstart Guide
- ✓ Devise Quickstart Guide
- ✓ Pundit Quickstart Guide
- ✓ Mailing List with Active Job Tutorial
- ✓ Learn Ruby on Rails Book

- ✓ OmniAuth Tutorial
- ✓ Role-Based Authorization Tutorial (Devise)
- ✓ Rails Signup Download Tutorial (Devise)
- ✓ Stripe Checkout Tutorial
- ✓ Stripe JS with coupons
- ✓ Membership site with Stripe and Payola Tutorial

2. Rails Composer

github.com/RailsApps/rails-composer



- ✓ Command line application template that builds starter applications for Rails 4.2

3. Dash for OSX

kapeli.com/dash

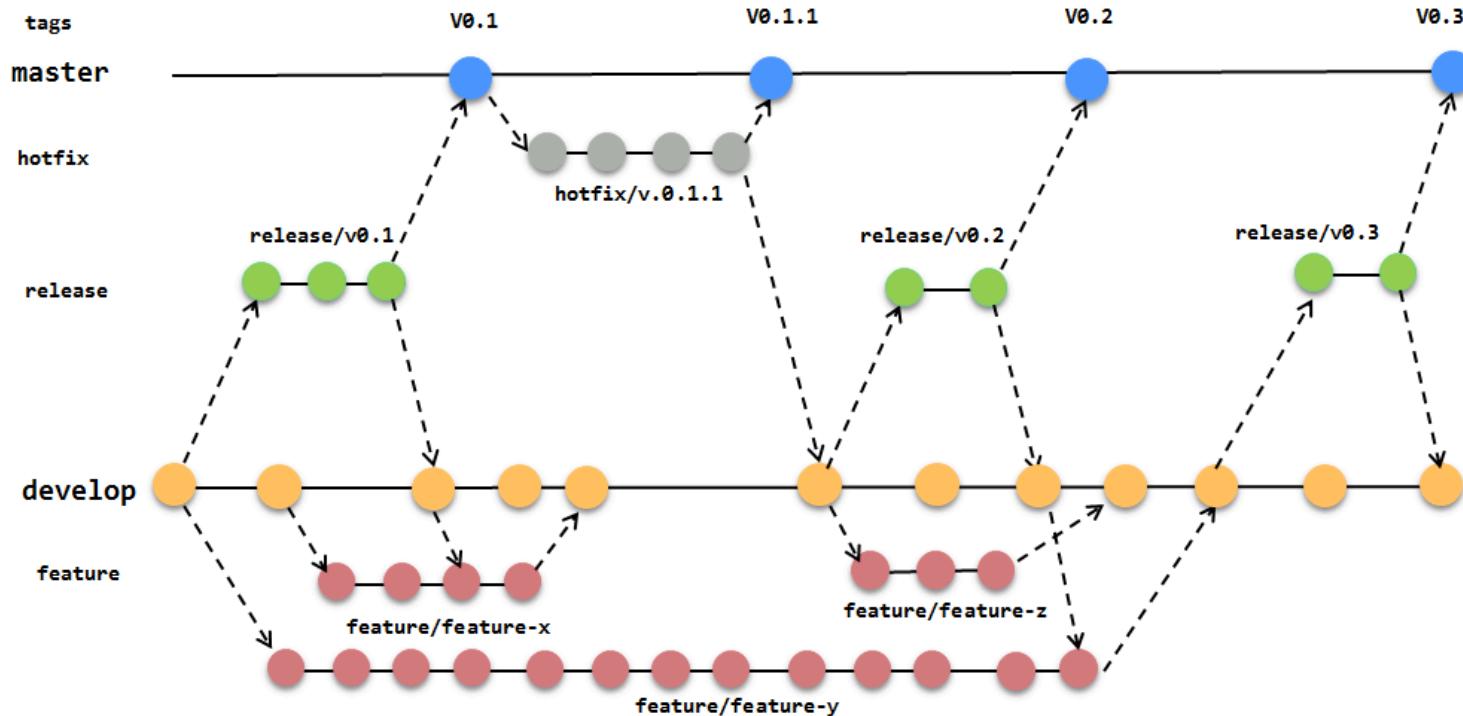


- ✓ 150+ documentation sets for developers in one place and available offline
- ✓ Very useful community built cheat-sheets

4. GitFlow

github.com/nvie/gitflow

- ✓ A Git extension for an extremely efficient and organized way to build software using Git



5. Bash-it



github.com/Bash-it/bash-it

Your bash on steroids:

- ✓ Bash commands
- ✓ Bash scripts
- ✓ Custom bash styles
- ✓ Custom bash prompts
- ✓ Auto-completion
- ✓ Themes
- ✓ Aliases

6. Recordeishon

recodeishon.com



Recodeishon

- ✓ Web-app to help you learn and memorize important development things such as concepts and syntax



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