

a web app's anatomy

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what is a web app?



how do I make one?



enter the bento box



storage

backend.
how the app
stores data.

logic

backend.
how the app works.

style and structure

frontend.
how the app looks and behaves.

infrastructure

backend.
how the app runs.



We use a number of different programming languages (including Matlab!) but are primarily a PHP shop. We have a number of databases, some of which are MySQL and some of which are PostgreSQL.

etsy

storage

postgresql
mysql

logic

php + matlab

style and structure

infrastructure



“Server code is written in scala running on the lift web framework using jetty for a webserver. We front everything with nginx, and use HAProxy in between. MongoDB handles most of our data storage needs (though a bit hasn't been migrated off PostgreSQL yet).

foursquare

storage

postgresql
mongodb

logic

lift on scala

style and structure

infrastructure

nginx + haproxy



let's practice a bit...



#1 rust

#2 reactjs

#3 spider gazelle

#4 sinatra

#5 nginx

#6 redis

#7 ror

#8 postgresql

#9 paas

#10 css

storage

postgresql
redis

logic

rust

sinatra
ror

style and structure

foundation
reactjs

infrastructure

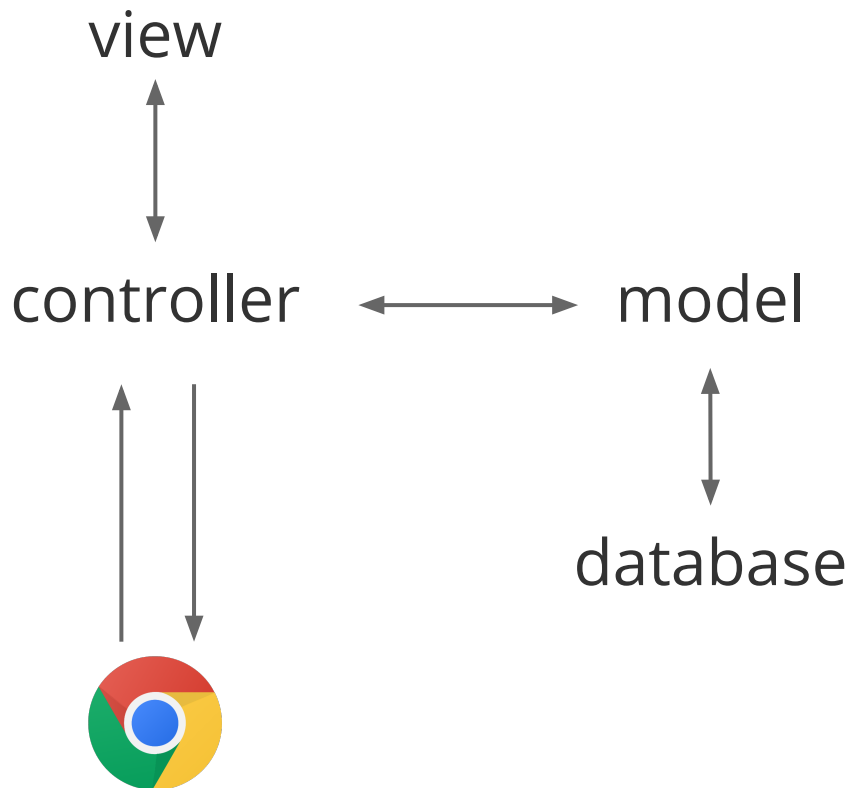
nginx
spider gazelle



diving into the logic

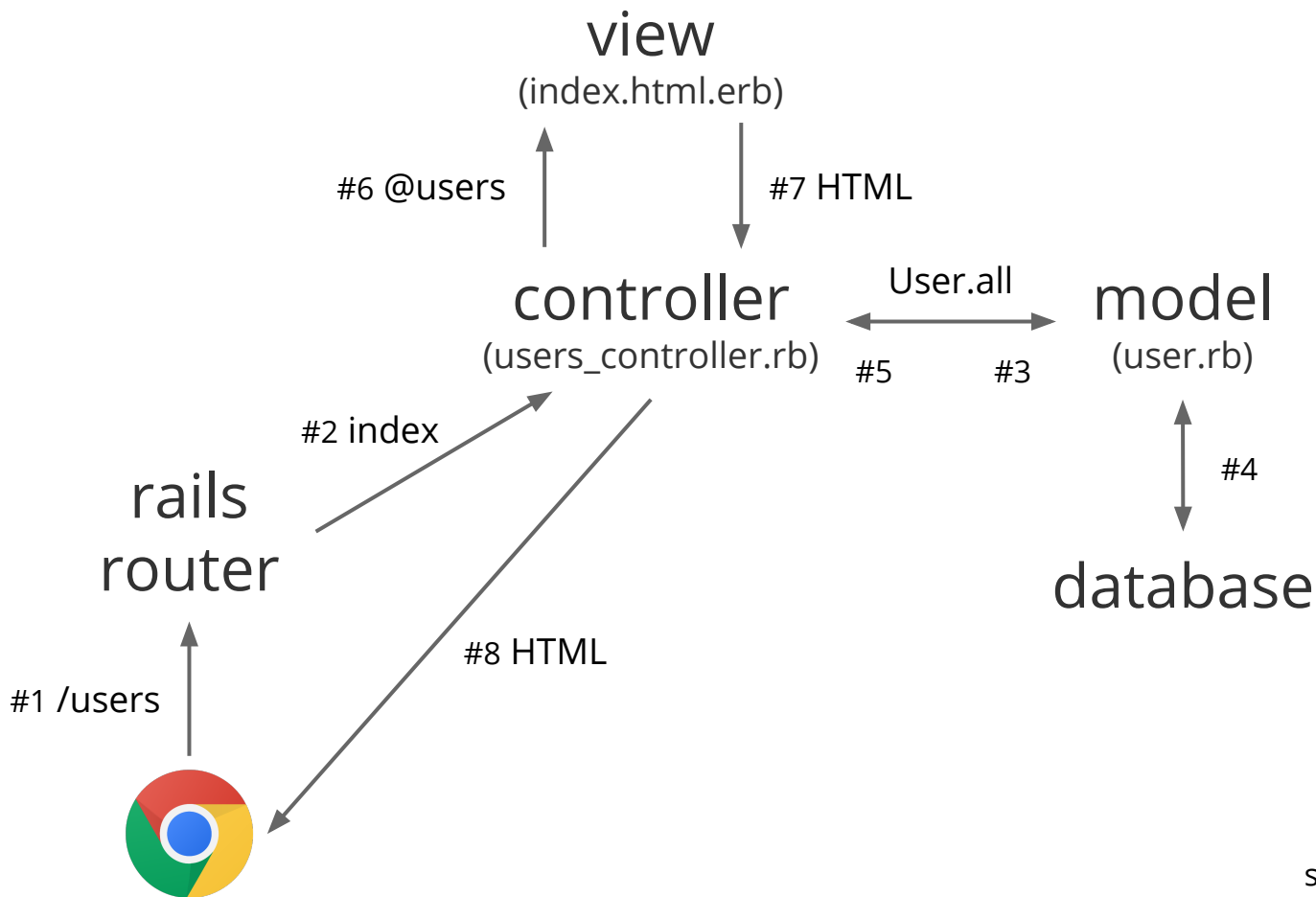


mvc at a glance

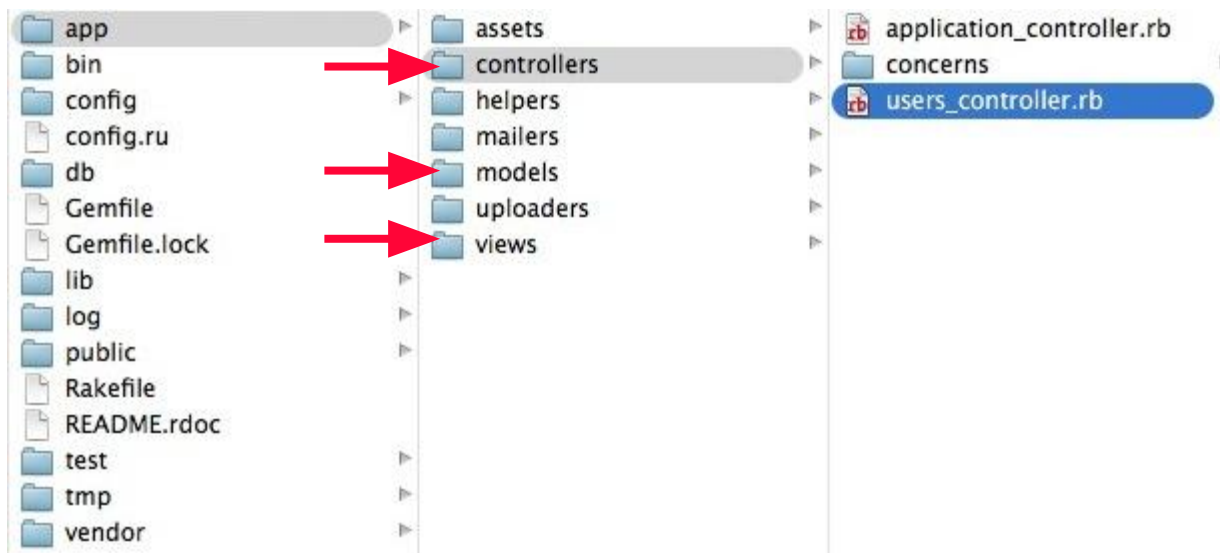




mvc by example



src railstutorial.org





questions?



thanks :)

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