Emily Castles
@emcastles

Ruby on Rails Developer at
Red Hills Software

Developing/learning for 2 years
Working for 10 months

How to speak the language of the web

A Bento
Box

My Bentobox

Storage

Backend.
How the application stores data.

Logic

Backend.
How the application works.

Style and structure

Frontend.
How the application looks.
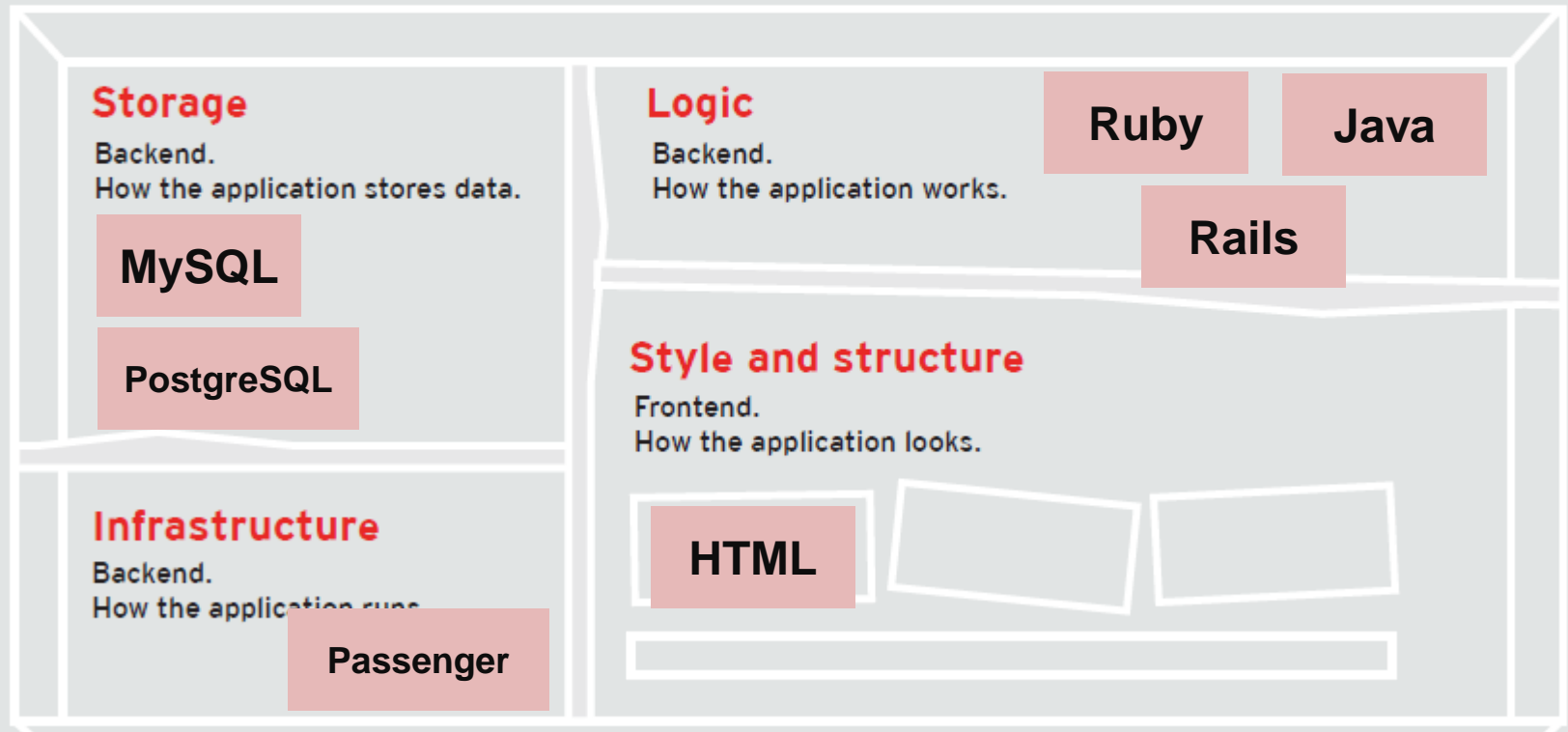
Infrastructure

Backend.
How the application runs.

My Bentobox

Application:

Designed by:

Storage
Backend.
How the application stores data.

MySQL

PostgreSQL

Logic
Backend.
How the application works.

Ruby

Java

Rails

Style and structure
Frontend.
How the application looks.

HTML

Infrastructure
Backend.
How the application runs.

Passenger

Backend == Server
Frontend == Client == Browser

My Bentobox

Application:

Designed by:

Storage
Backend.
How the application stores data.

Logic
Backend.
How the application works.

Style and structure
Frontend.
How the application looks.

Infrastructure
Backend.
How the application runs.

ETSY
"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**"

My Bentobox

Application: Designed by:

Storage
Backend.
How the application stores data.

MySQL

PostgreSQL

Infrastructure
Backend.
How the application runs.

Logic
Backend.
How the application works.

Matlab   **PHP**

Style and structure
Frontend.
How the application looks.

ETSY
"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**"

1. PHP
2. SaaS
3. RoR
4. HTML
5. MongoDB

6. Apache
7. CSS
8. Django
9. MySQL
10. nginx

5 minutes to figure out where these fit…
(Googling and team work encouraged)

My Bentobox

Application:

Designed by:

Storage
Backend.
How the application stores data.

Logic
Backend.
How the application works.

Style and structure
Frontend.
How the application looks.

Infrastructure
Backend.
How the application runs.

Answers

My Bentobox

Storage

Backend.
How the application stores data.

MongoDB

MySQL

Logic

Backend.
How the application works.

Infrastructure

Backend.
How the application runs.

Style and structure

Frontend.
How the application looks.

Answers

My Bentobox

Application:

Designed by:

Storage
Backend.
How the application stores data.

MongoDB

MySQL

Infrastructure
Backend.
H~~ow the application~~ runs.

Apache

nginx

Logic
Backend.
How the application works.

Style and structure
Frontend.
How the application looks.

Answers

My Bentobox

Application: _____ Designed by: _____

Storage
Backend.
How the application stores data.

MongoDB

MySQL

Logic
Backend.
How the application works.

PHP   **ROR**

Django

Style and structure
Frontend.
How the application looks.

Infrastructure
Backend.
H~~ow the application runs.~~

Apache   **nginx**

Answers

My Bentobox

Application:

Designed by:

Storage
Backend.
How the application stores data.

MongoDB

MySQL

Logic
Backend.
How the application works.

PHP

ROR

Django

Style and structure
Frontend.
How the application looks.

HTML

CSS

Infrastructure
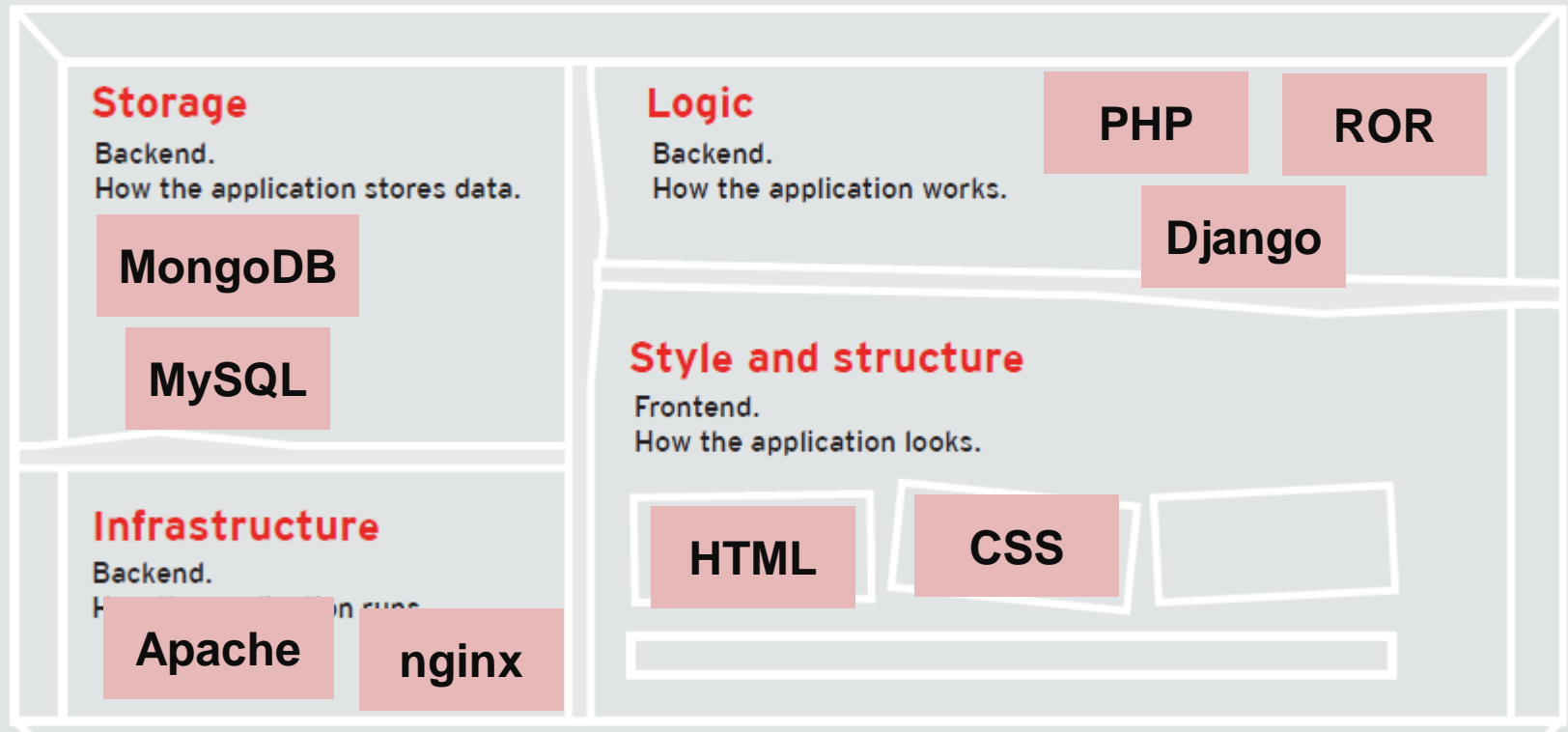Backend.
H~~ow the applicati~~on runs.

Apache

nginx

Answers

My Bentobox

SaaS

Application: Designed by:

Storage
Backend.
How the application stores data.

MongoDB

MySQL

Logic
Backend.
How the application works.

PHP   **ROR**

Django

Infrastructure
Backend.
How the application runs.

Apache   **nginx**

Style and structure
Frontend.
How the application looks.

HTML   **CSS**

Answers

My Bentobox

Application:
Designed by:

Storage
Backend.
How the application stores data.

Logic
Backend.
How the application works.

Style and structure
Frontend.
How the application looks.

Infrastructure
Backend.
How the application runs.

The Ideas App?

My Bentobox

Application: Designed by:

Storage
Backend.
How the application stores data.

SQLite

Logic
Backend.
How the application works.

Ruby   **Rails**

Style and structure
Frontend.
How the application looks.

HTML   **CSS**   **JavaScript**

Infrastructure
Backend.
How the applica...

WEBrick

The Ideas App?