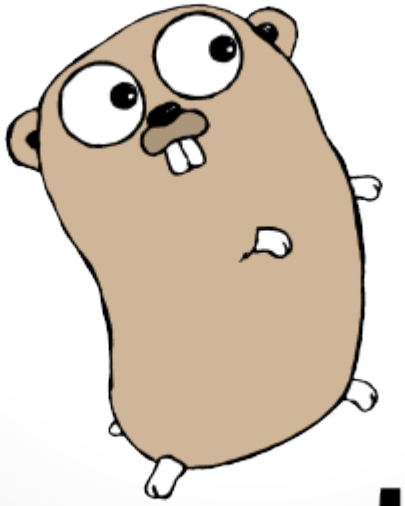
Subjektiivselt programmeerimisest, stereotüüpidest ja kogukondadest

Janika Liiv
@janikaliiv

Kes ma olen?

toggl



Rails Girls

techsisters


PHP?
I DON'T DO DRUGS

Programmeerimine on loovkirjutamine

Millest sinu lugu räägib?

Liigu väikeste sammudega

Selge ja kompaktne

Loo valikuid ja väldi piiranguid

Kõik peab olema intuitiivne

ÕPI!

Loe teiste kirjutatud koodi

Küsi küsimusi

Googelda oma muresid

Kasuta asju, mis on juba olemas (gemid, pluginad, teegid jne)

Keskendu
Väiksed sammud
Väljendu selgelt
Õpi
Ole loov!

Kasuta versioonihaldust!!

Versioonihaldus on nagu pildialbum koodi jaoks.

Iga foto albumis sarnaneb *commitile* versioonihalduses.

CVS
SVN
Mercurial
Git

github
SOCIAL CODING

try.github.com

Bentobox

Content arranged in
the most efficient,
graceful manner.
The bento is presented
in a simple,
beautiful, balanced way.
Nothing lacking.
Nothing superfluous.
Not decorated,
but wonderfully designed.

Storage

Backend.
How the application stores data.

Logic

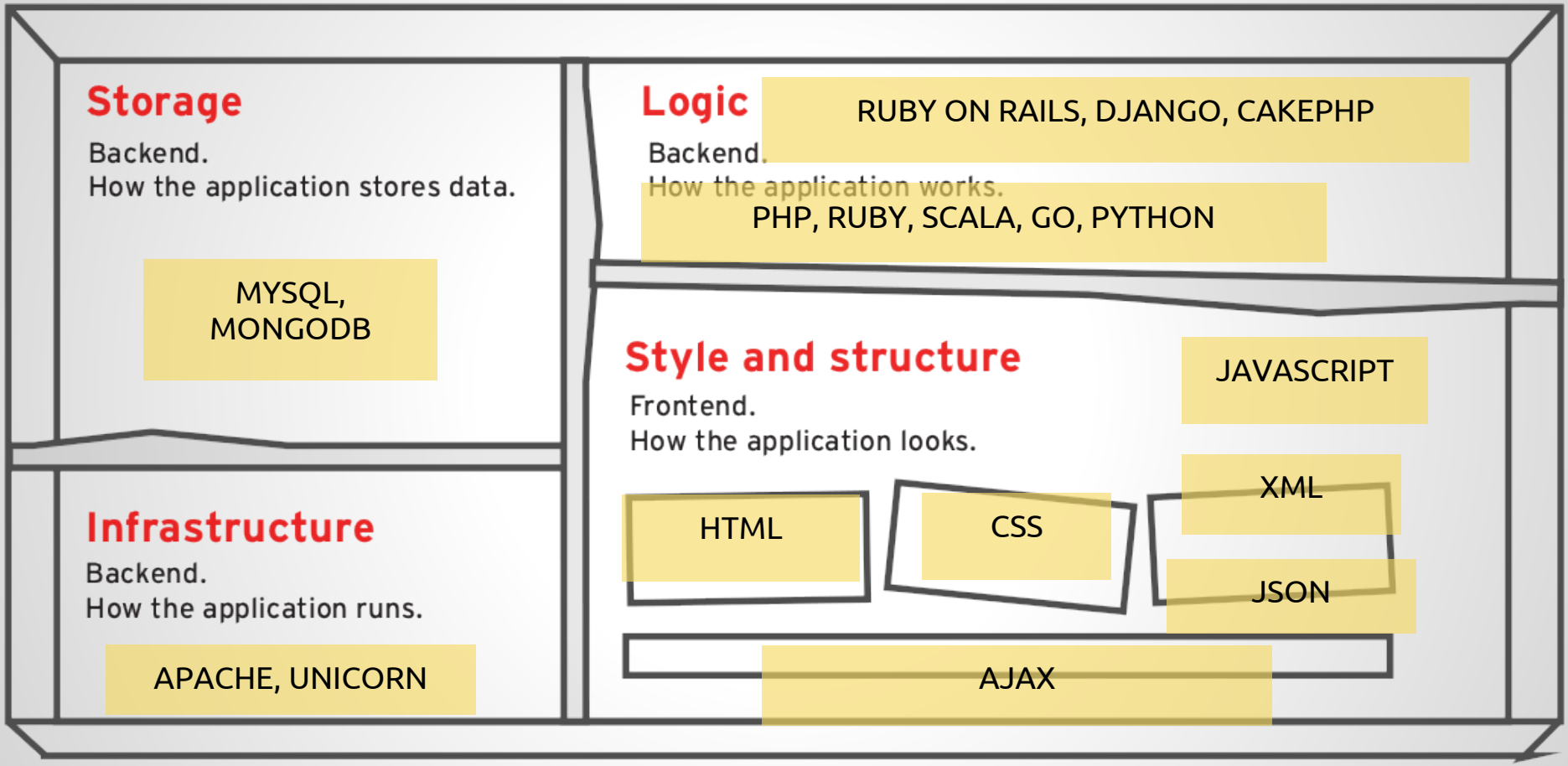
Backend.
How the application works.

Style and structure

Frontend.
How the application looks.

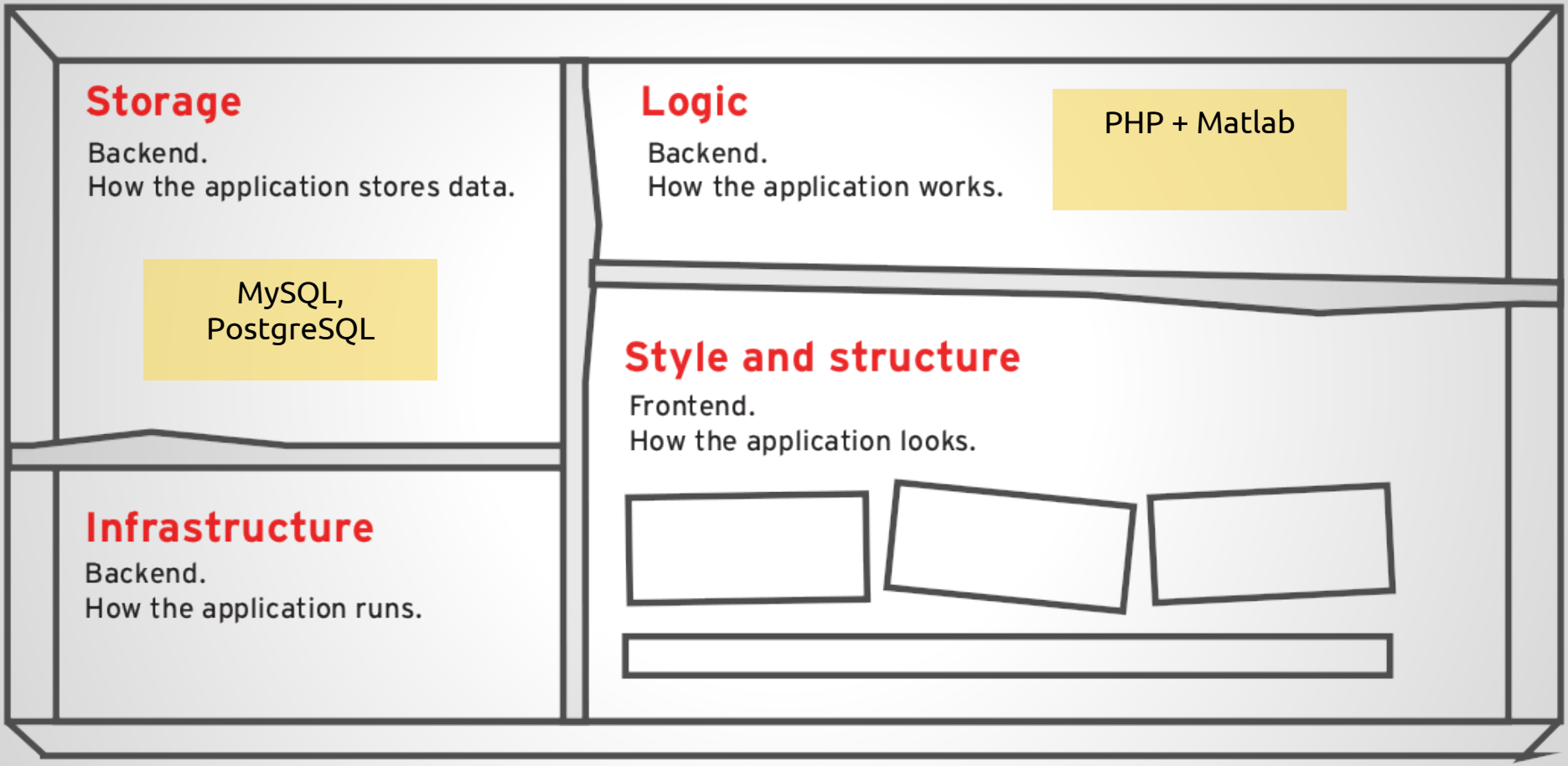
Infrastructure

Backend.
How the application runs.


Storage
Backend.
How the application stores data.
MYSQL,
MONGODB
Logic
Backend.
How the application works.
RUBY ON RAILS, DJANGO, CAKEPHP
PHP, RUBY, SCALA, GO, PYTHON
Style and structure
Frontend.
How the application looks.
JAVASCRIPT
HTML
CSS
XML
JSON
AJAX
Infrastructure
Backend.
How the application runs.
APACHE, UNICORN

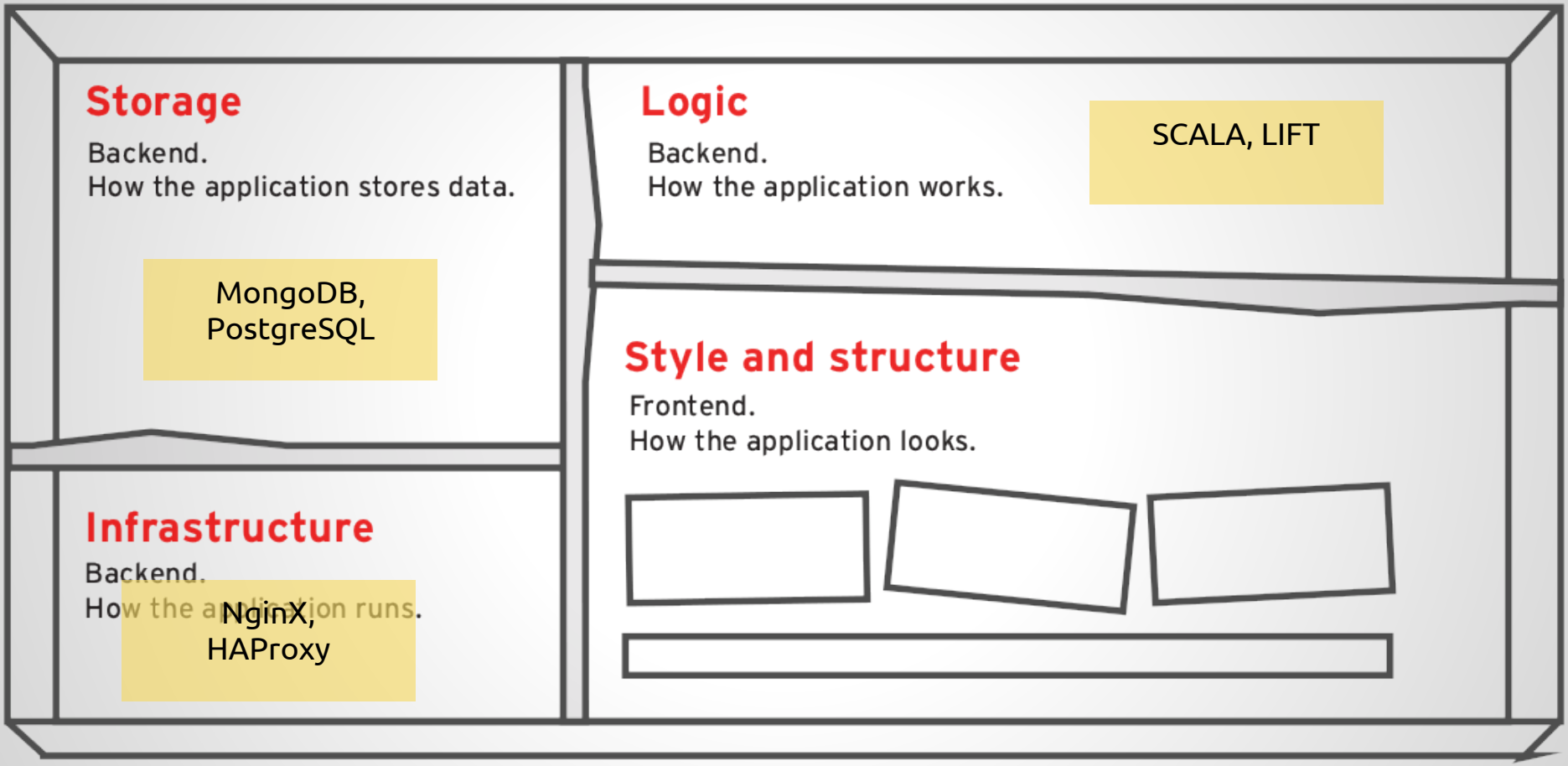
Etsy

"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.“

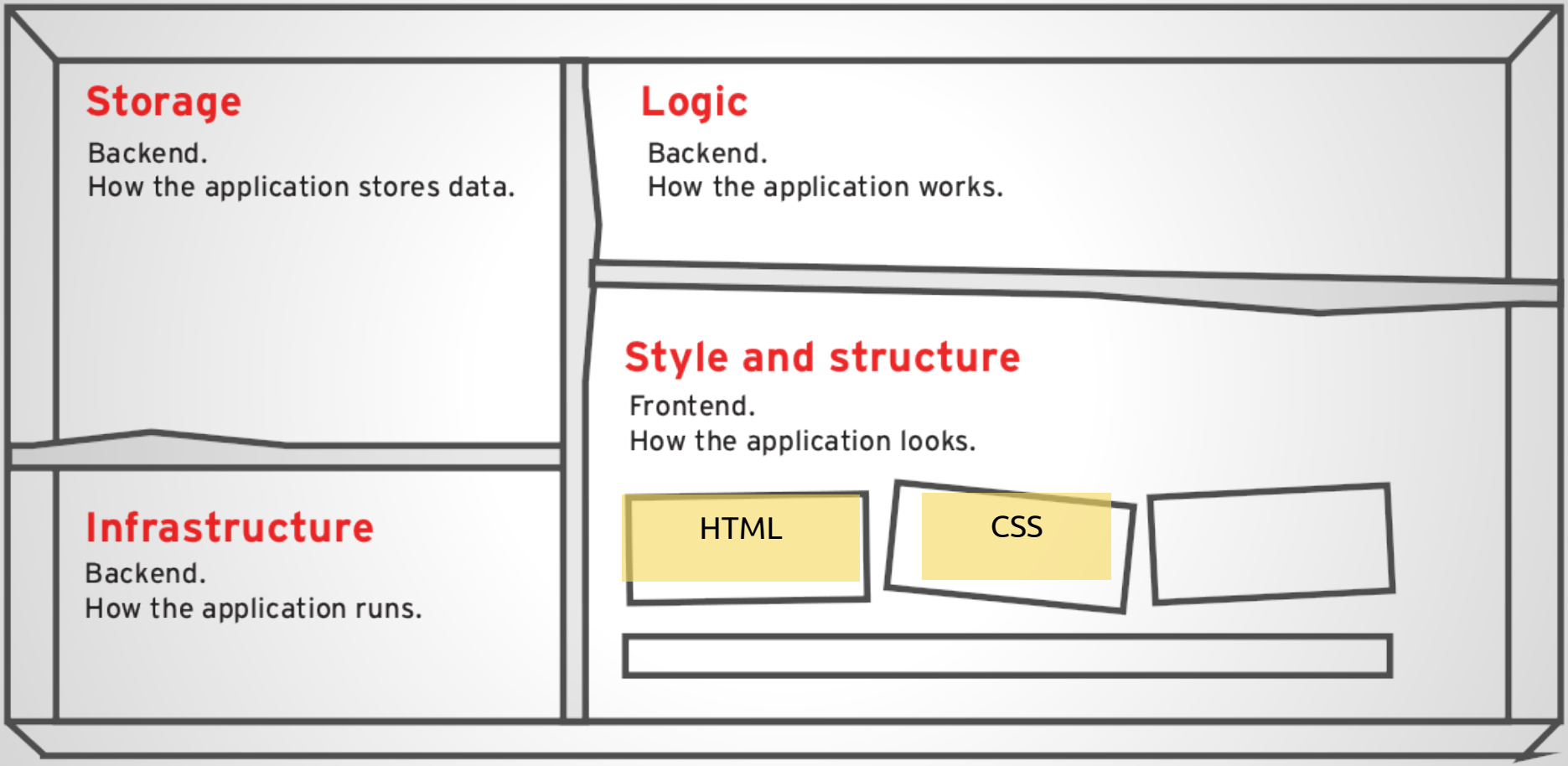

Storage
Backend.
How the application stores data.
MySQL,
PostgreSQL
Logic
Backend.
How the application works.
PHP + Matlab
Style and structure
Frontend.
How the application looks.
Infrastructure
Backend.
How the application runs.

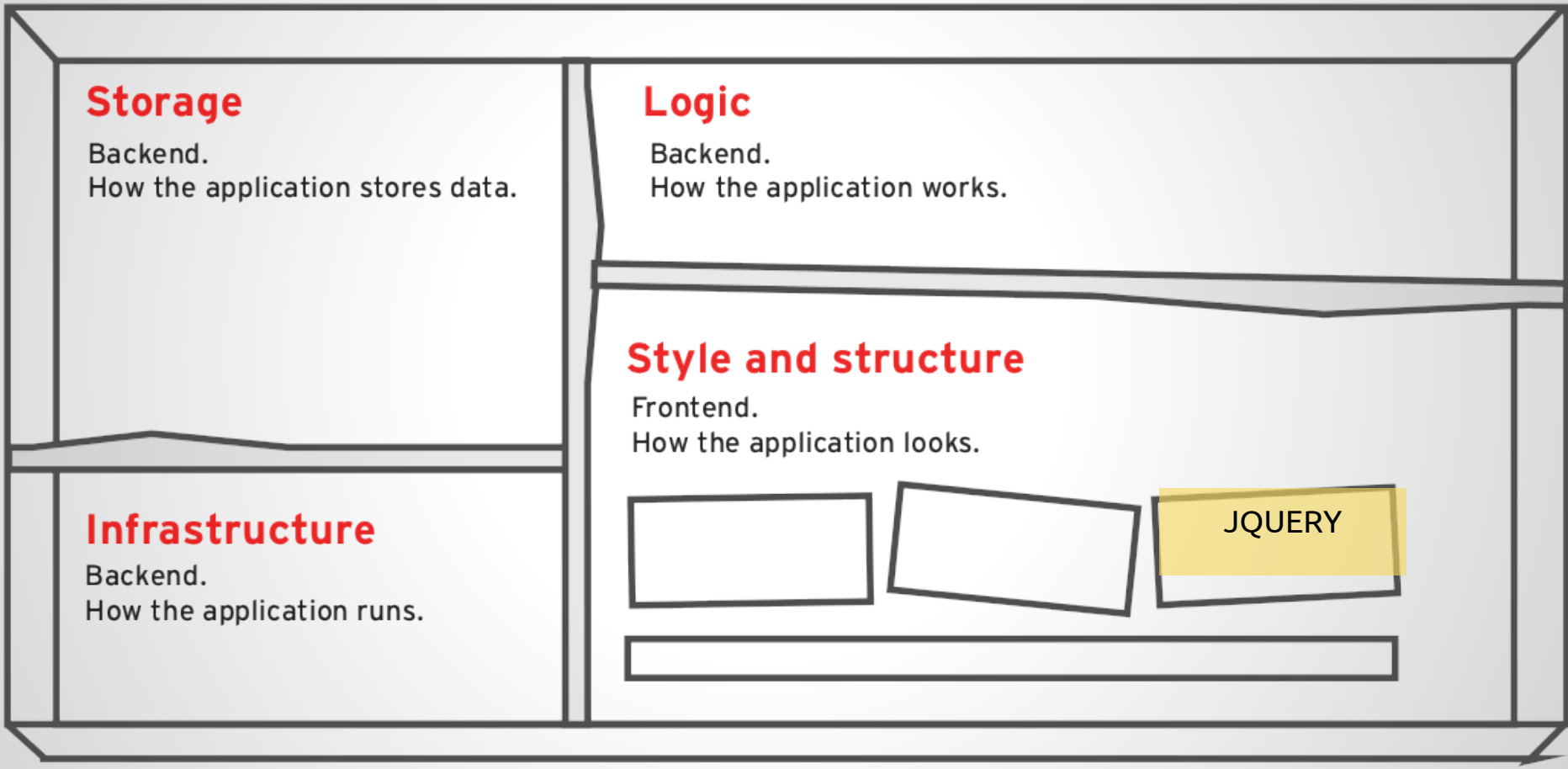
“Server code is written in scala running on the lift web framework using jetty for a webserver. We front everything with nginx, and use HAProxy in between.

MongoDB handles most of our data storage needs (though a bit hasn't been migrated off PostgreSQL yet)."


Storage
Backend.
How the application stores data.
MongoDB,
PostgreSQL
Logic
Backend.
How the application works.
SCALA, LIFT
Style and structure
Frontend.
How the application looks.
Infrastructure
Backend.
How the application runs.
NginX,
HAProxy

#1 HTML/CSS
#2 JQUERY
#3 UNICORN


Storage
Backend.
How the application stores data.
Logic
Backend.
How the application works.
Style and structure
Frontend.
How the application looks.
HTML
CSS
Infrastructure
Backend.
How the application runs.


Storage
Backend.
How the application stores data.
Logic
Backend.
How the application works.
Style and structure
Frontend.
How the application looks.
JQUERY
Infrastructure
Backend.
How the application runs.

Storage

Backend.
How the application stores data.

Logic

Backend.
How the application works.

Style and structure

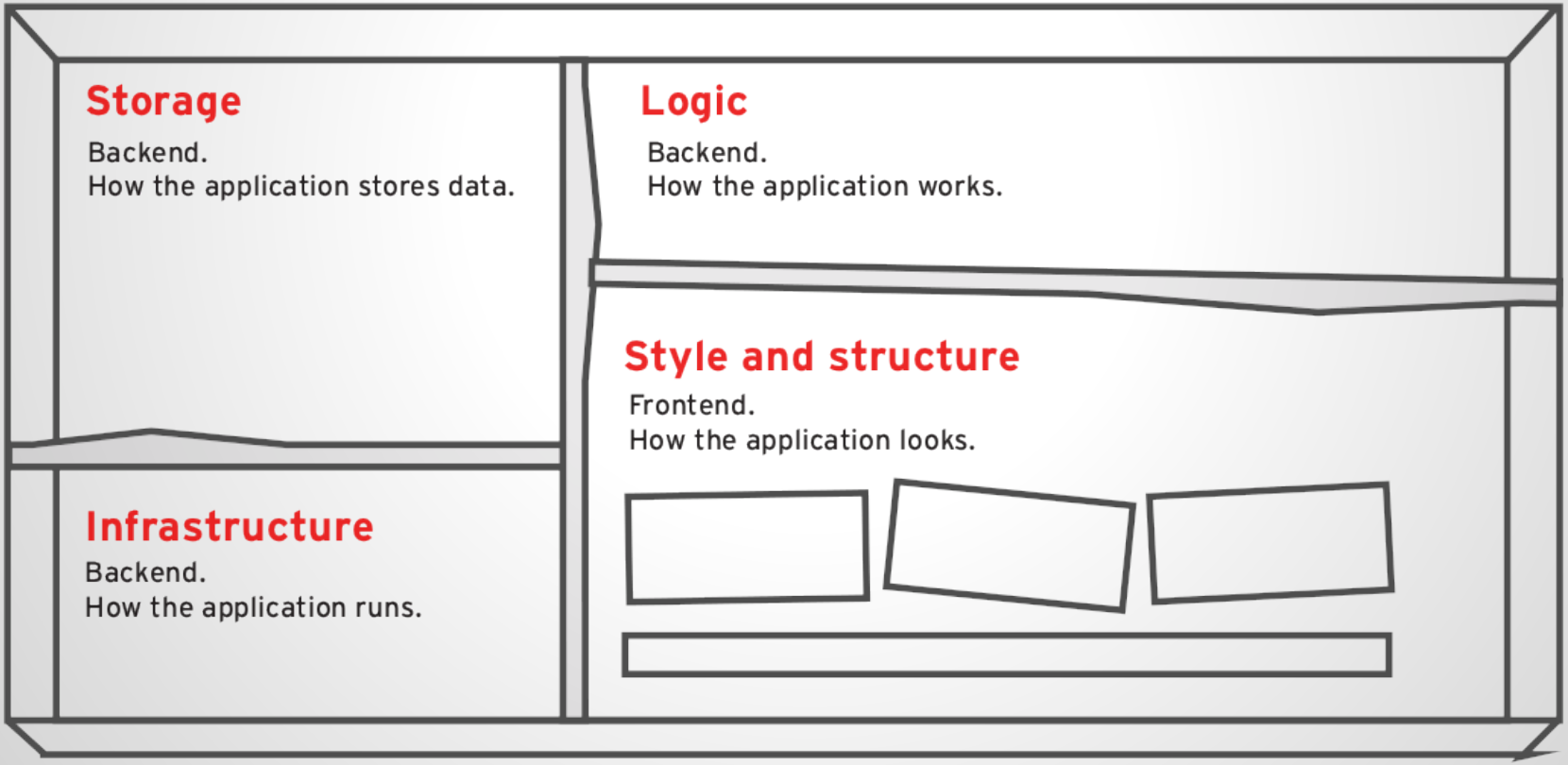
Frontend.
How the application looks.

Infrastructure

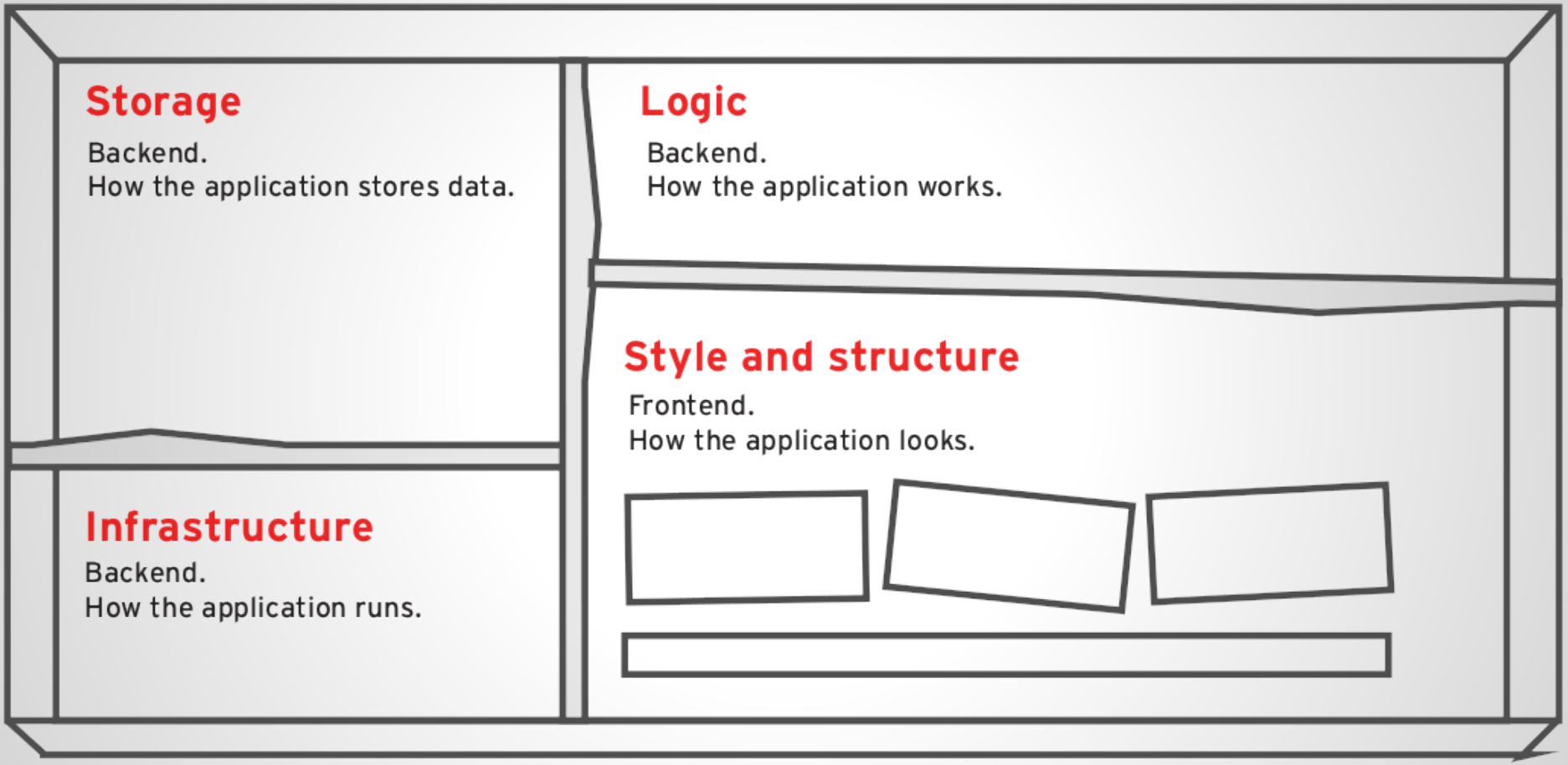
Backend.
How the application runs.

UNICORN

#1 PHP
#2 SaaS
#3 RoR
#4 HTML
#5 MongoDB
#6 Apache
#7 CSS
#8 Django
#9 MySQL
#10 nginx



PHP?


Storage
Backend.
How the application stores data.
Logic
Backend.
How the application works.
Style and structure
Frontend.
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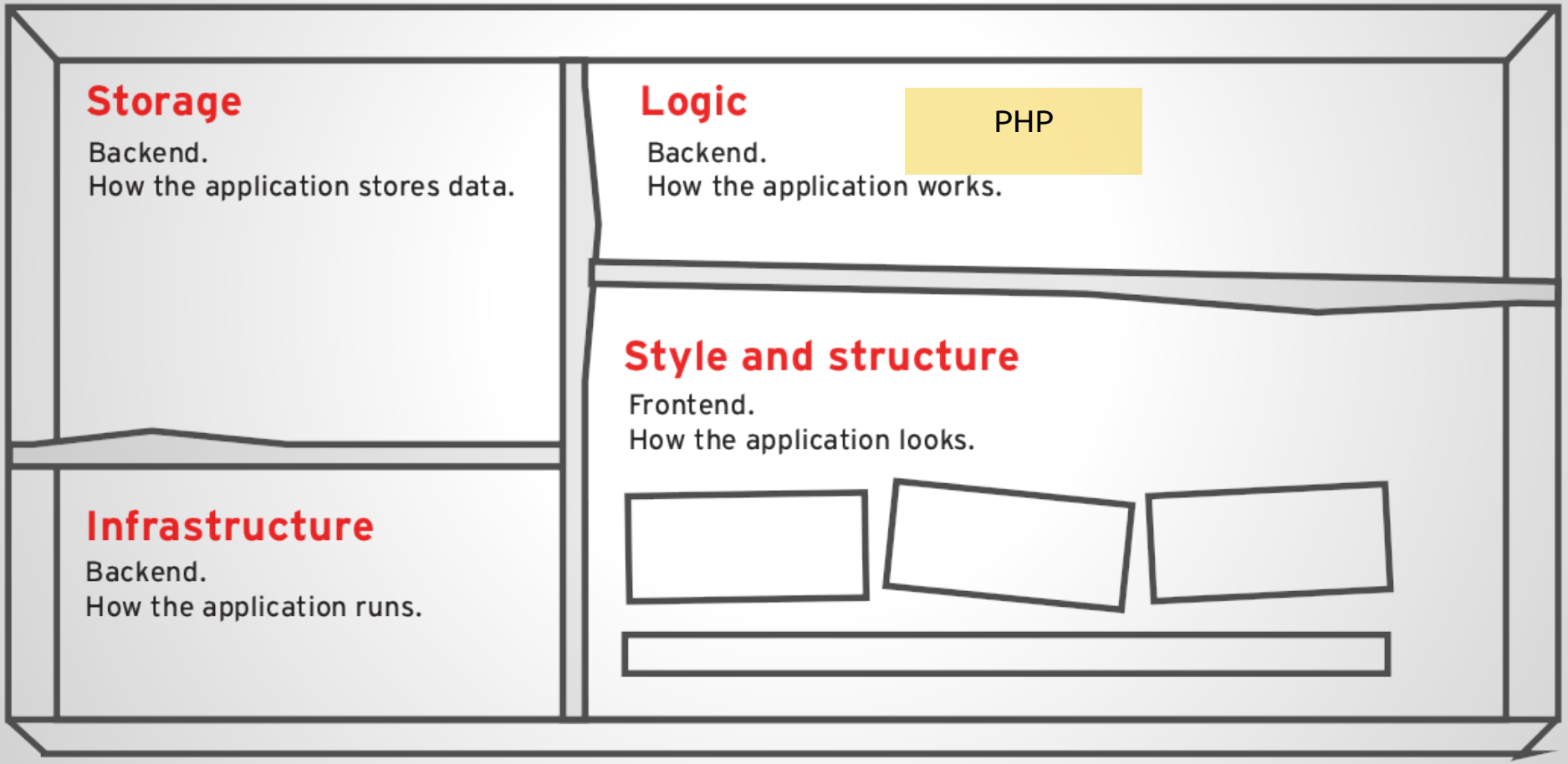
Infrastructure
Backend.
How the application runs.

PHP

Logic. PHP is a very popular language designed to produce dynamic Web pages. It goes well with HTML

SaaS?


Storage
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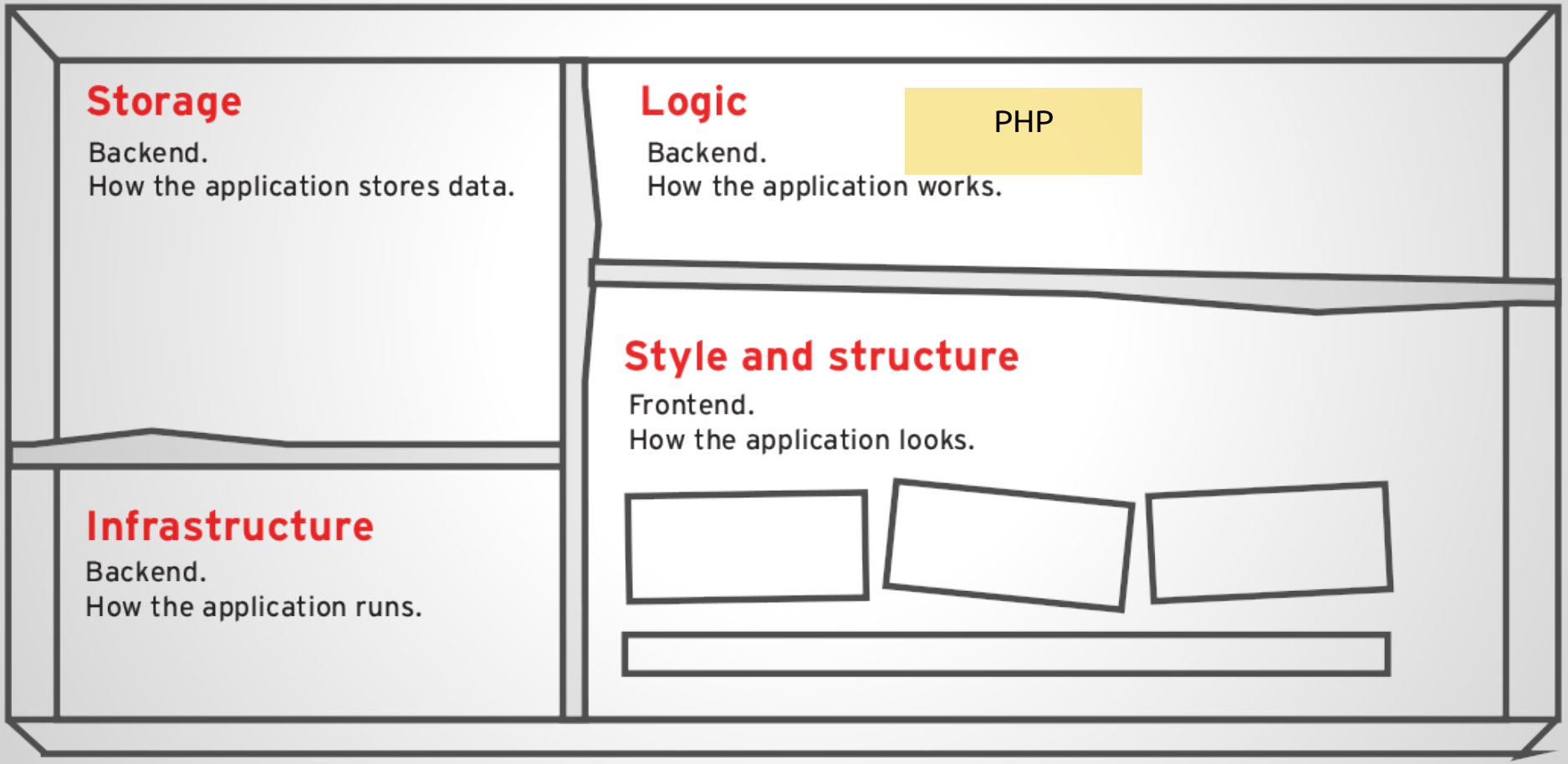
How the application stores data.
Logic
Backend.
How the application works.
PHP
Style and structure
Frontend.
How the application looks.
Infrastructure
Backend.
How the application runs.

SaaS

Nowhere. Software as a service. Not a technical term - more a business/delivery model, in which software is hosted centrally, not by the user themselves and they often pay a subscription fee. Examples range from Salesforce, Spotify, Google Docs.

RoR?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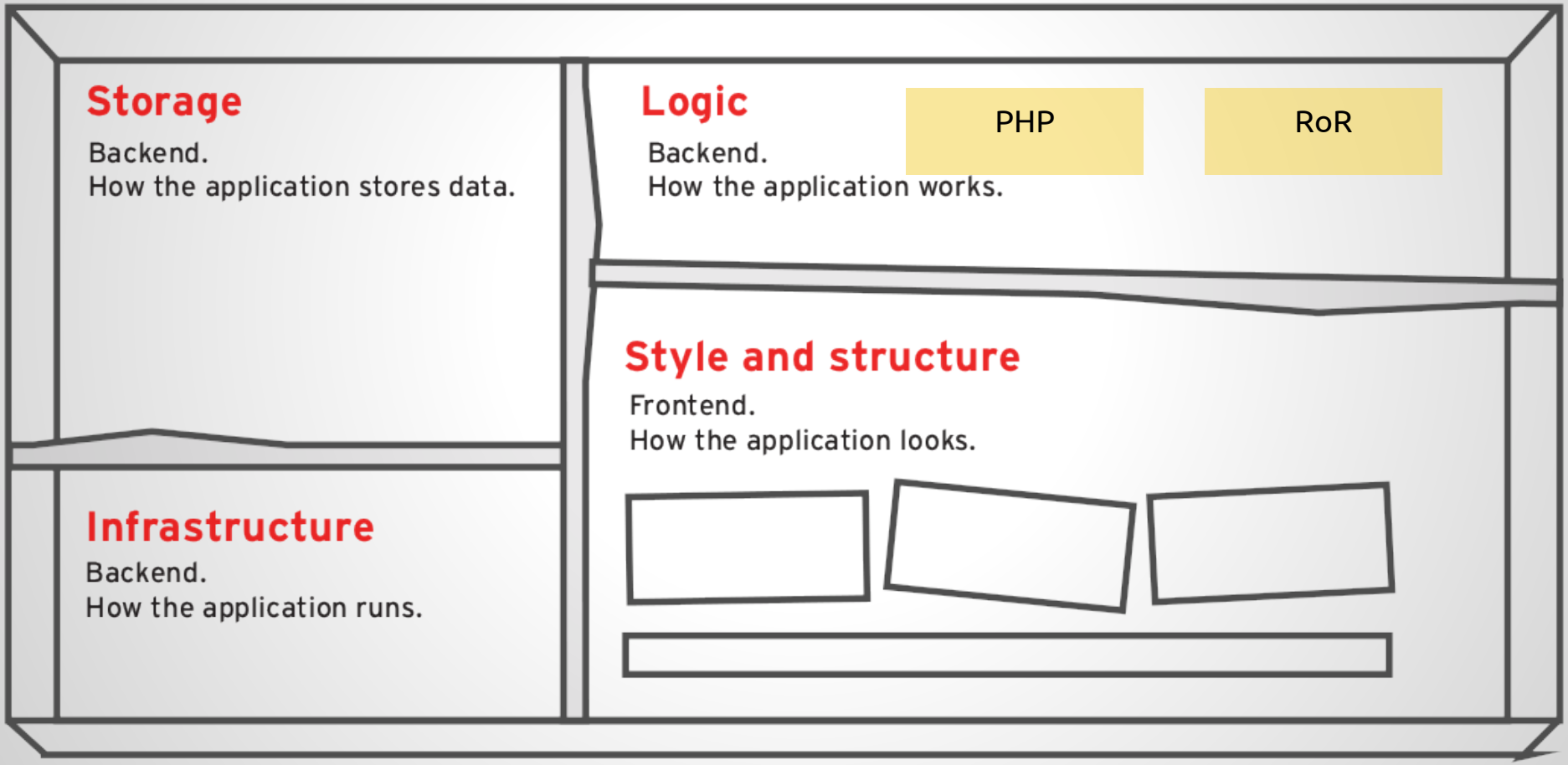
How the application runs.

SaaS

RoR

Logic. Ruby on Rails. Framework written for Ruby.

HTML?


Storage
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Logic
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RoR
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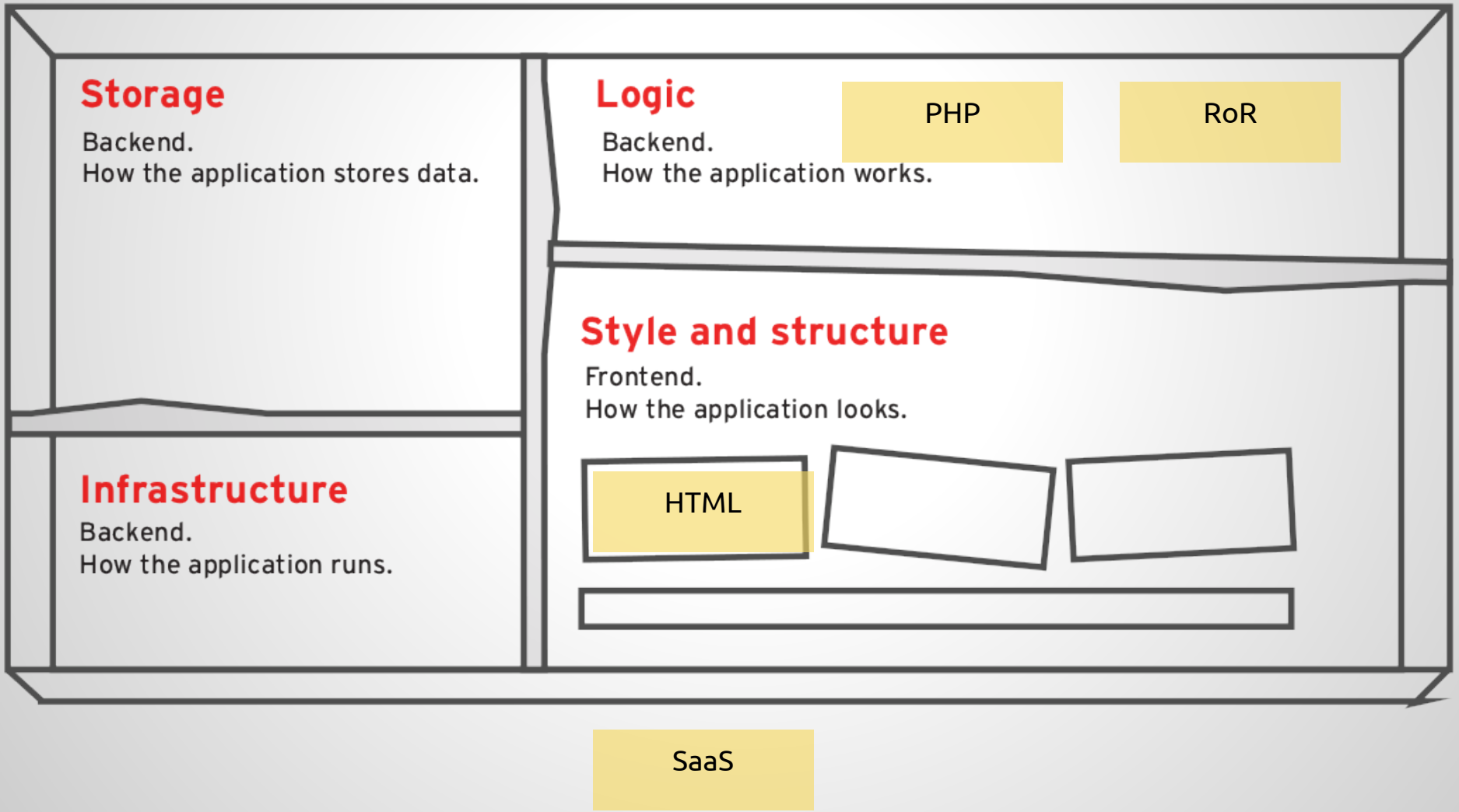
SaaS

HTML

Style & structure. Especially structue: HTML is what describes the structure and the (static) content of the website.

MongoDB?


Storage
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PHP
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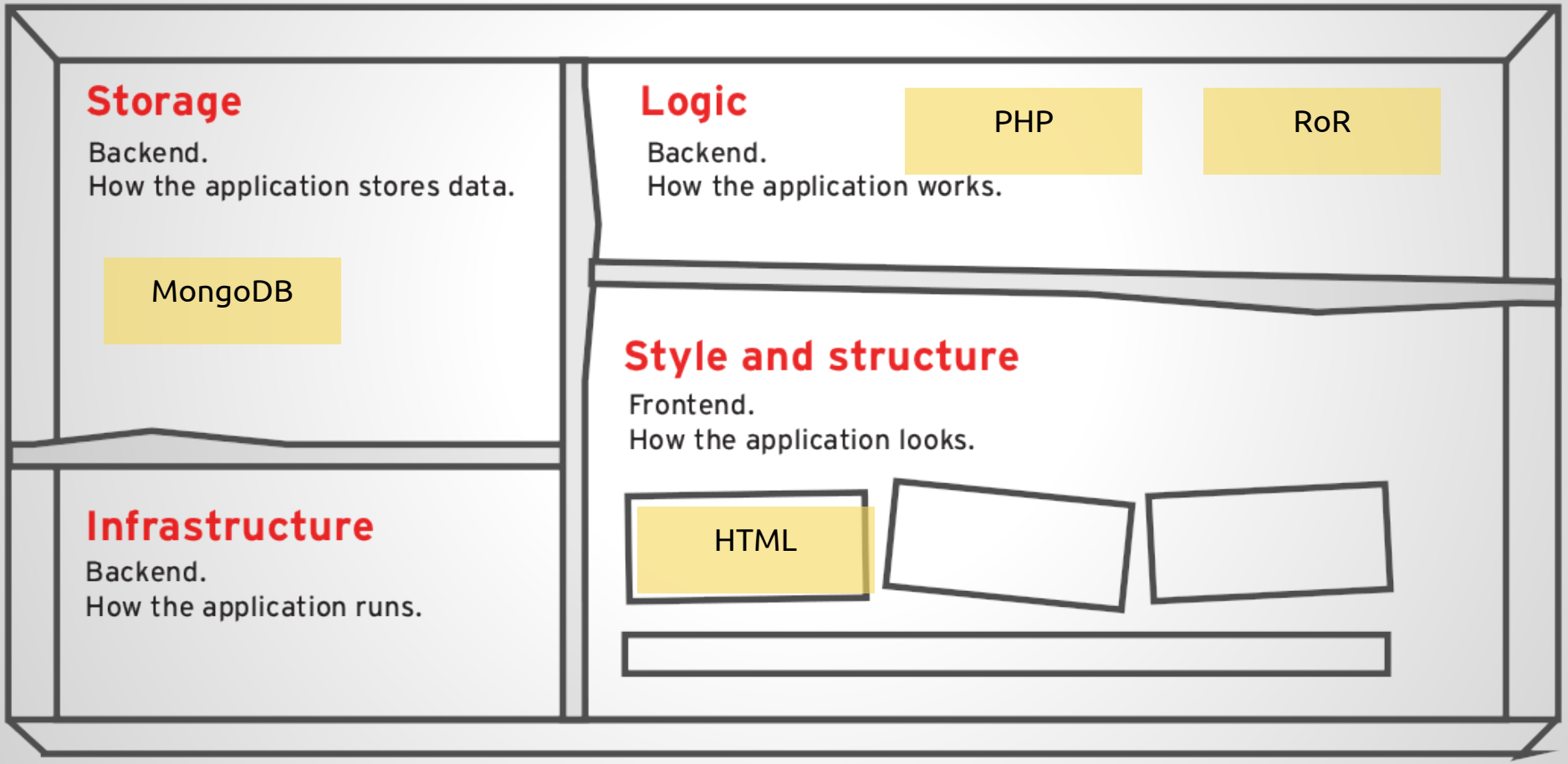
HTML
Infrastructure
Backend.
How the application runs.
SaaS

MongoDB

Database. An open source database system. Stores the web app data in a little different way than MySQL, making it easier and faster for certain types of apps.

APACHE?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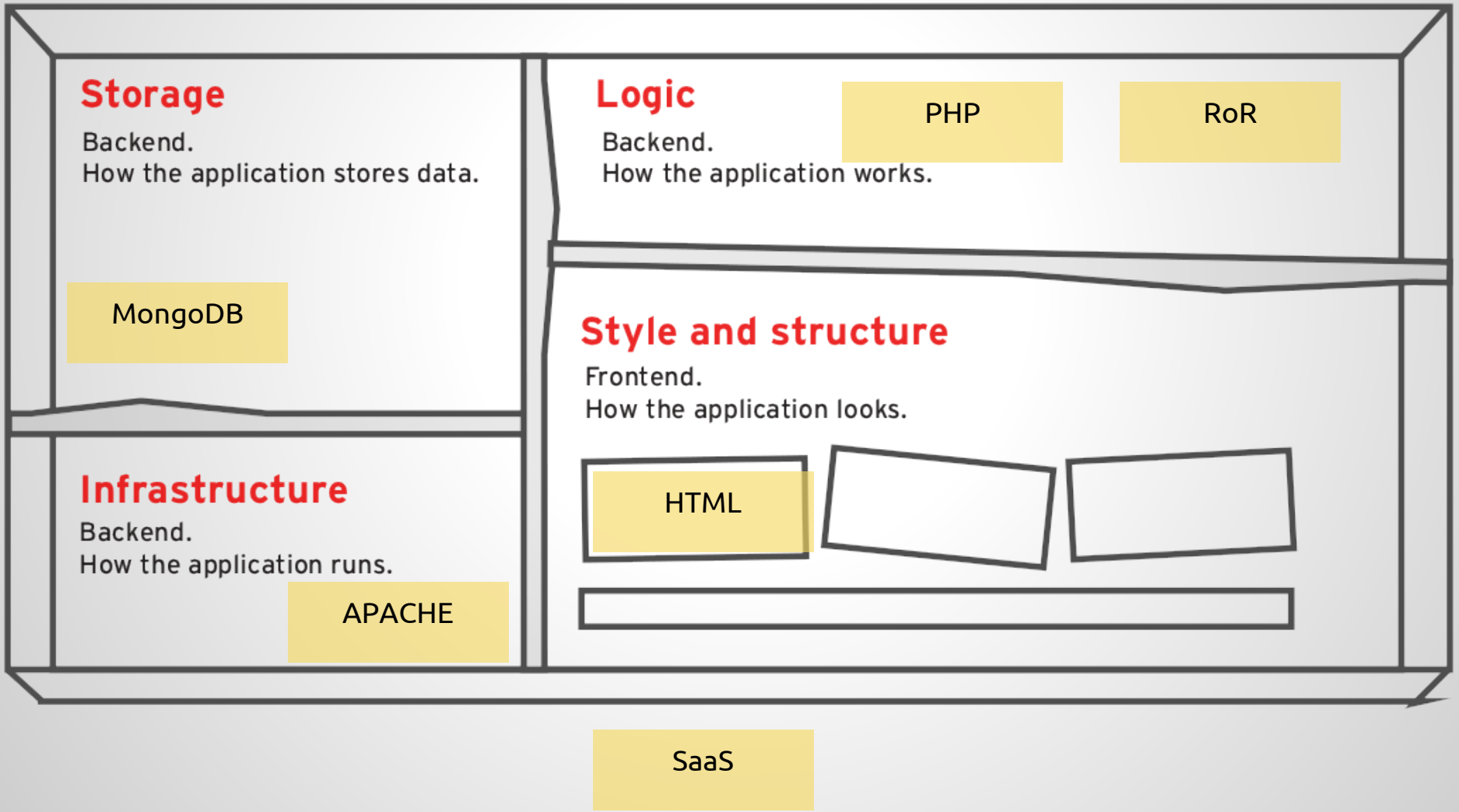
HTML
SaaS

APACHE

Infrastructure. A popular open source HTTP server software. Servers can be hardware or software - here we are focusing on the latter. Servers are the piece of software that deliver the web page to you.

CSS?


Storage
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How the application stores data.
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How the application runs.
APACHE
Logic
Backend.
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PHP
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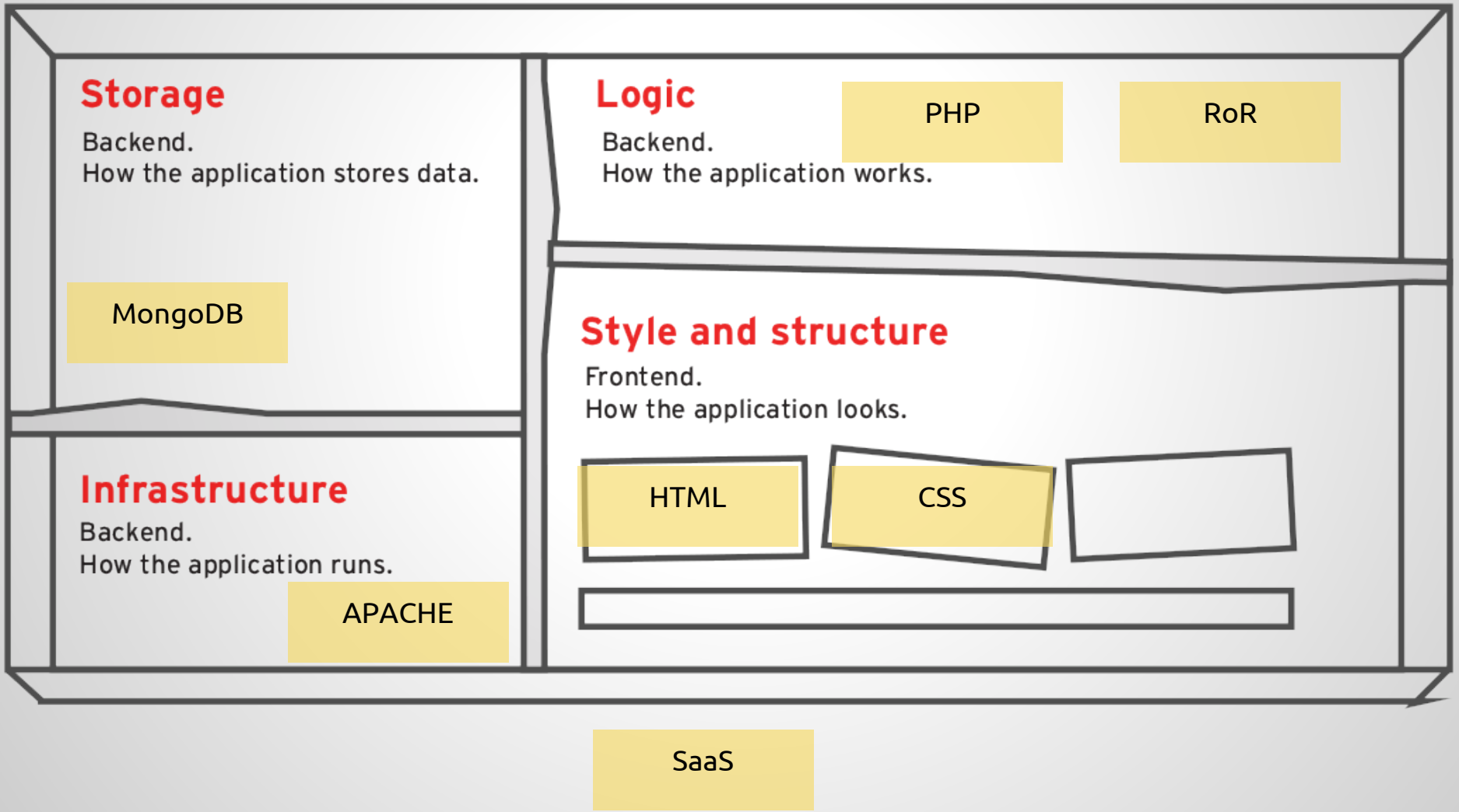
Style and structure
Frontend.
How the application looks.
HTML
SaaS

CSS

Style and structure. Especially style, designed to describe the look of web pages, including elements such as the layout, colors and fonts.

DJANGO?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HTML
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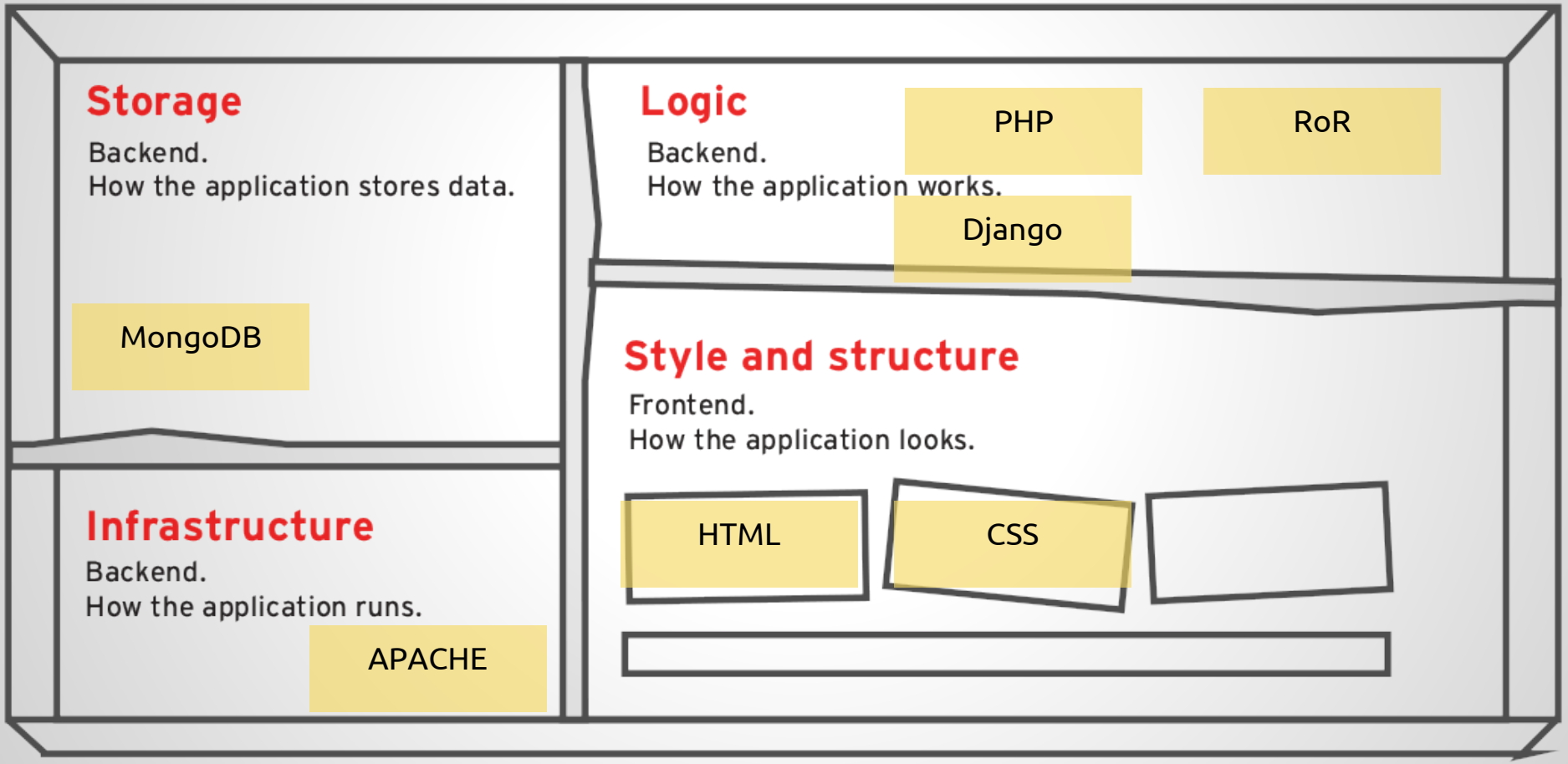
SaaS

DJANGO

Logic. A similar framework as Rails is for Ruby, Django is for Python.

MySQL?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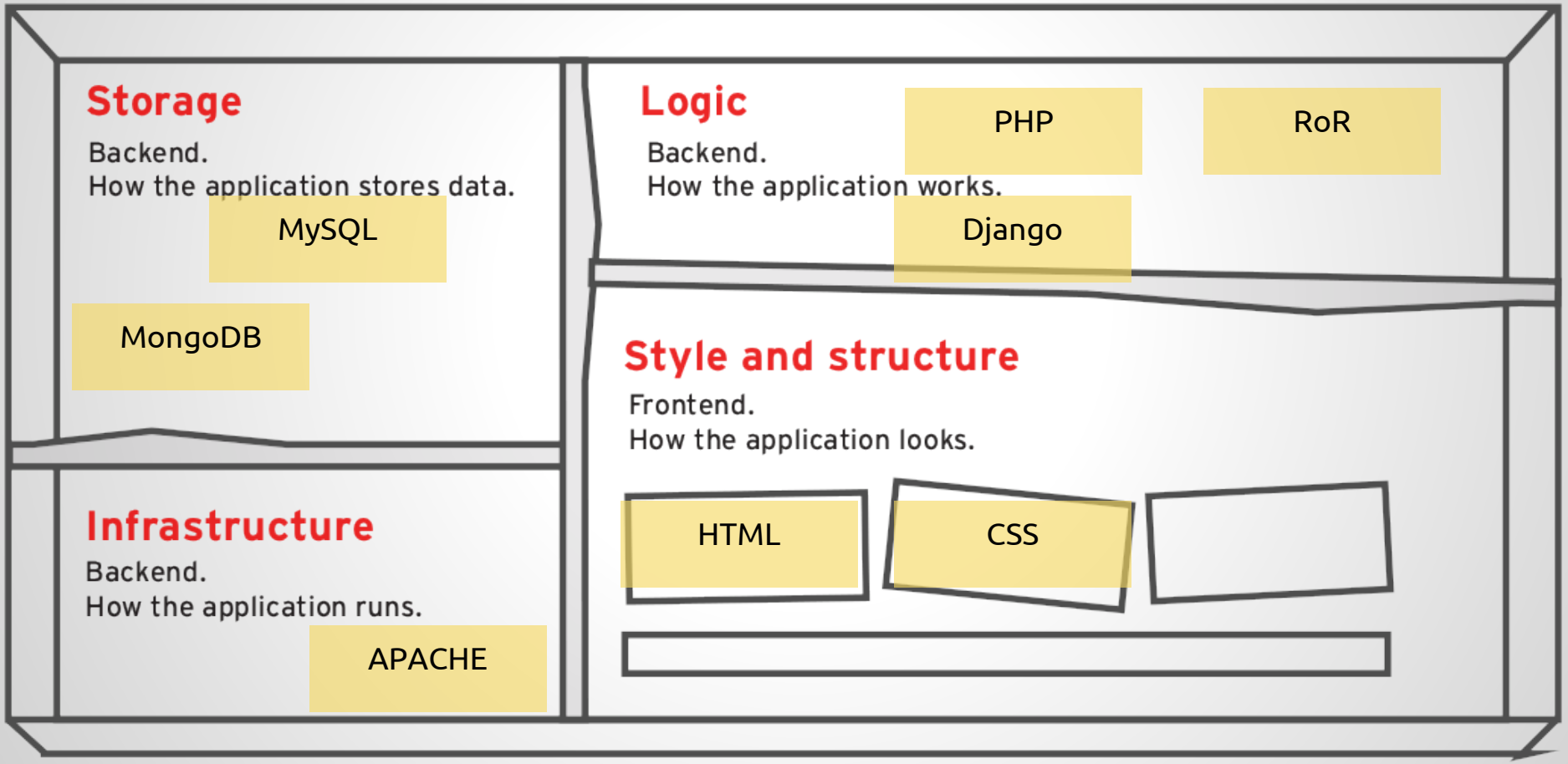
SaaS

MySQL

Database. Worlds most popular open source database system, used by Facebook, Twitter, Wordpress etc. Well baked into many software stacks like LAMP.

NginX?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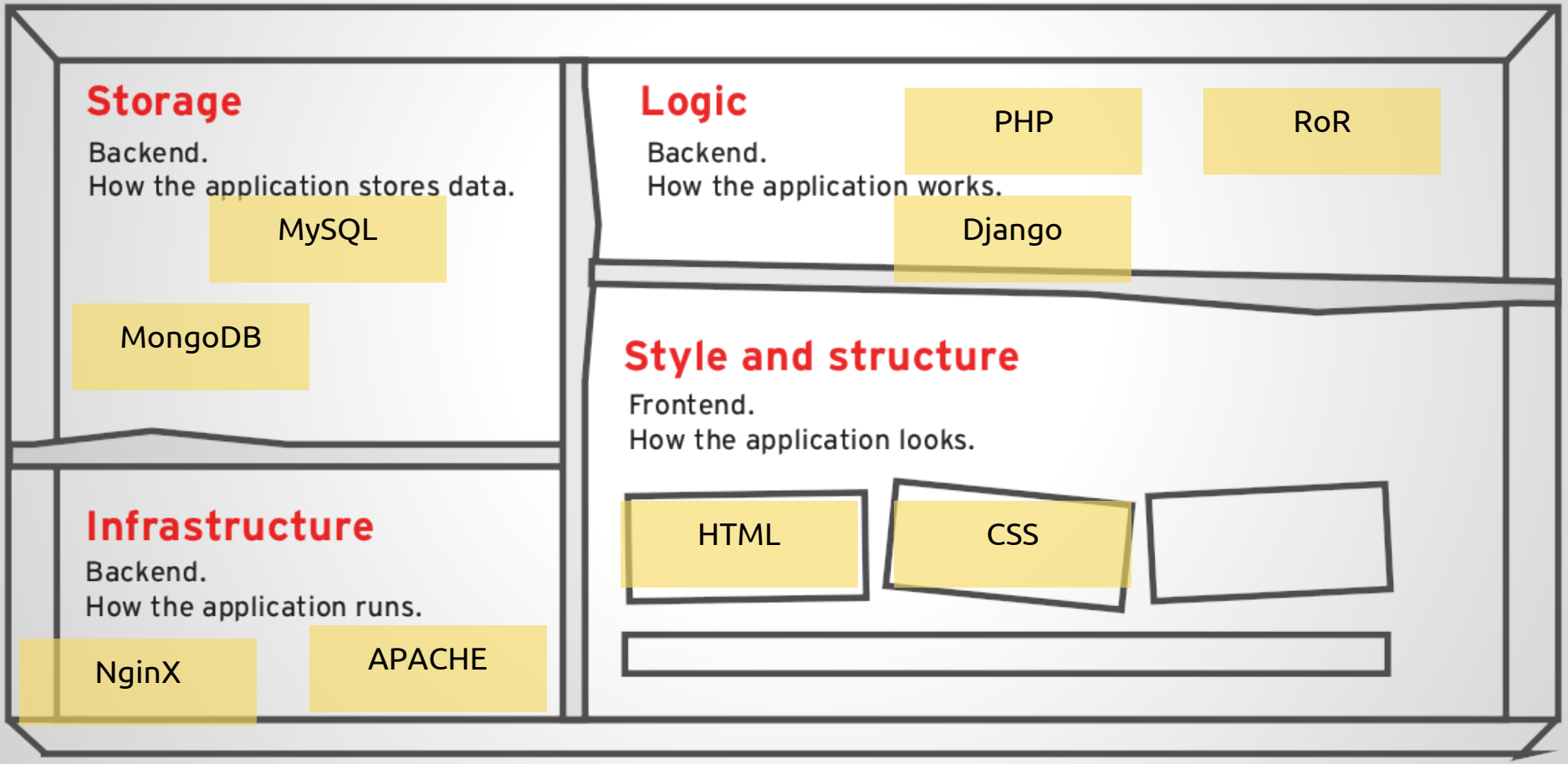
APACHE
SaaS

NginX

Infrastructure. Pronounced “Engine X”. An open source HTTP server. Said to be faster than Apache - in many ways like MongoDB is for MySQL.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NginX
APACHE
SaaS

Ruby

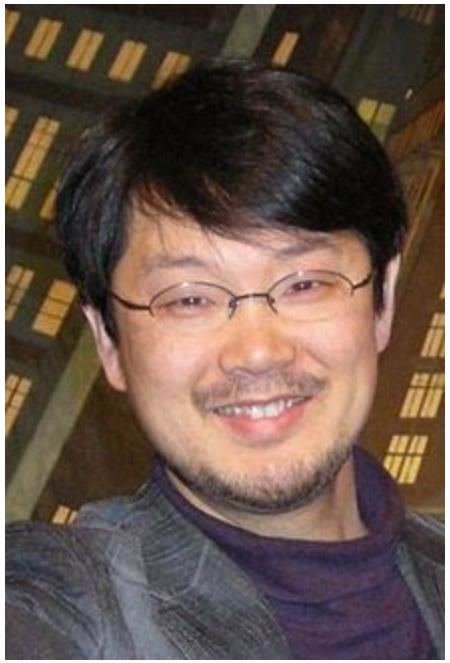
A Programmer's Best Friend

A dynamic, open source programming language from Japan created 1995 with a focus on simplicity and productivity. It has an elegant syntax that is natural to read and easy to write.

Community is a group of interacting living organisms sharing a populated environment.

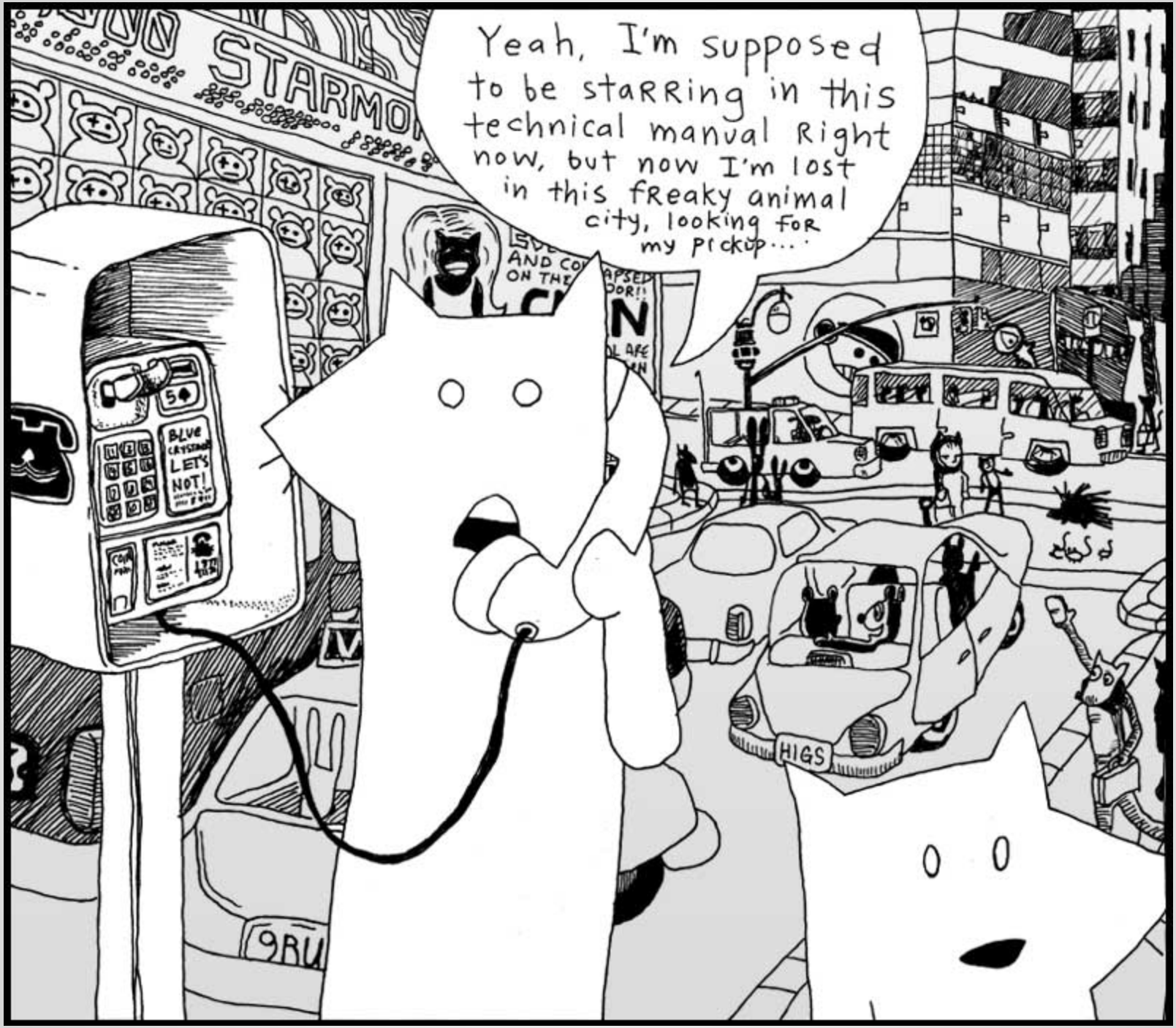
A community is a group or society, helping each other.

Matz is Nice So We Are Nice



Yukihiro Matsumoto

why's (poignant) guide to Ruby


Yeah, I'm supposed to be starring in this technical manual right now, but now I'm lost in this freaky animal city, looking for my pickup...
STARMON
BLUE CRYSTAL LET'S NOT!
HIGS

“when you don't create things, you become defined by your tastes rather than ability. your tastes only narrow & exclude people.

so create.”

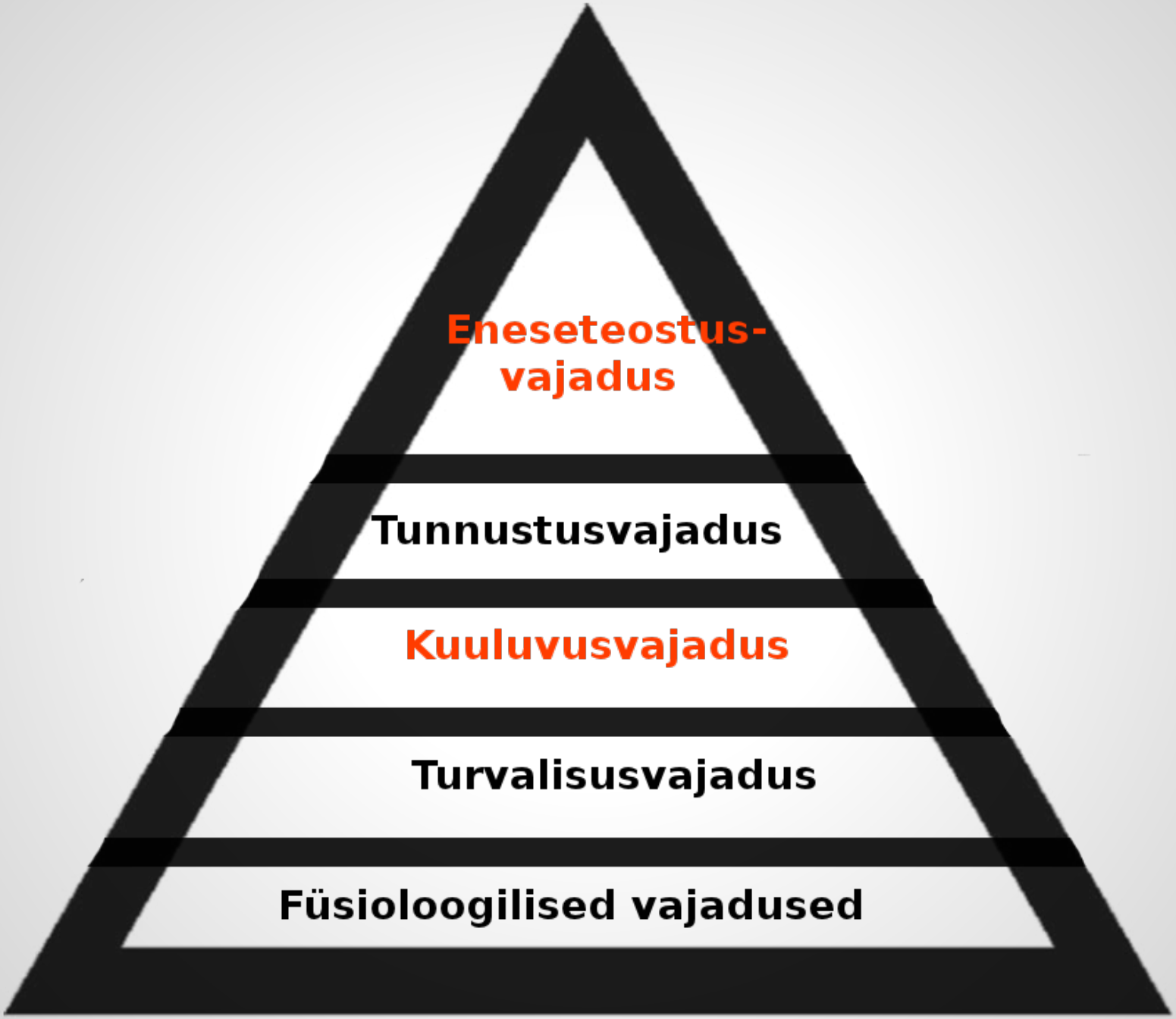
— Why The Lucky Stiff

tryruby.org

RubyEst

Eesti Ruby arendajad

ruby.ee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Kuuluvusvajadus
Turvalisusvajadus
Füsioloogilised vajadused

Harimine

vs

ideoloogiate kinnistamine

Language doesn't make the programmer

Protsess pole oluline.
Programmeerimine on.

Zed Shaw

learncodethehardway.org

programming-motherfucker.com

Ignore the propaganda.
Question everything!

Ditch the fear. Make things.
Learn all the languages.


You mean a woman can open it ?

Stereotüübi oht

Since most people have at least one social identity which is negatively stereotyped, most people are vulnerable to stereotype threat if they encounter a situation in which the stereotype is relevant.

Ada Lovelace (1815–1852)

Analyst of Charles Babbage's analytical engine and is often described as the "first computer programmer". The only legitimate child of the poet Lord Byron

Hedy Lamarr (1913–2000)

An actress and the co-inventor of an early form of spread-spectrum broadcasting - technique necessary for wireless communication.

Grace Hopper (1906–1992)

A United States Navy officer and the first programmer of the Harvard Mark I, known as the "Mother of COBOL". She developed the first ever compiler for an electronic computer, known as A-0.

railsgirls.org

Ruby on Rails Workshop for Girls

* and women

Get excited and learn to build the web!


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Garage48
Ralle Girls


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Iceland
Canada
United States
Mexico
Sweden
Norway
Russia
United Kingdom
Ireland
France
Spain
Portugal
Italy
Belarus
Ukraine
Romania
Greece
Turkey
Kazakhstan
Mongolia
Uzbekistan
Turkmenistan
China
South Korea
Afghanistan
Pakistan
India
Nepal
Myanmar (Burma)
Thailand
Vietnam
Philippines
Indonesia
Malaysia
Papua New Guinea
Australia
Morocco
Algeria
Libya
Egypt
Tunisia
Western Sahara
Mauritania
Mali
Niger
Chad
Sudan
Nigeria
Guinea
Ghana
Burkina Faso
South Sudan
Ethiopia
Somalia
Kenya
Tanzania
Gabon
DR Congo
Angola
Zambia
Mozambique
Zimbabwe
Namibia
Botswana
South Africa
Madagascar
Saudi Arabia
Yemen
Oman
Iraq
Iran
Syria
Venezuela
Guyana
Suriname
Colombia
Ecuador
Peru
Brazil
Bolivia
Paraguay
Chile
Argentina
Guatemala
Nicaragua
Cuba
North Atlantic Ocean
South Pacific Ocean
South Atlantic Ocean
Indian Ocean
1000 mi
2000 km

techsisters

techsisters.org, facebook.com/techsisters, twitter.com/techsisters

14-15. September 2012

Rails Girls Tallinn @ Garage48 Hub

17. Oktoober 2012

Tech Sisters Kohtumine @ Garage48 Hub


We Can Do It!
WAR PRODUCTION CO-ORDINATING COMMITTEE

Janika Liiv
@janikaliiv