

Rails Girls
Berlin

Welcome <3

What is this?

Code of Conduct

Food, Drinks & WiFi

Restrooms

Schedule

now: Welcome & Intro into
Web Applications

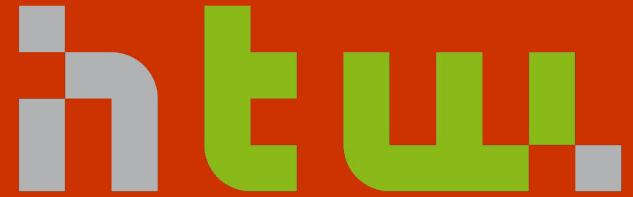
then: Get into groups & get
started with Ruby

13:00 Lunch

14:00 Lightning Talks

14:30 Continue Coding

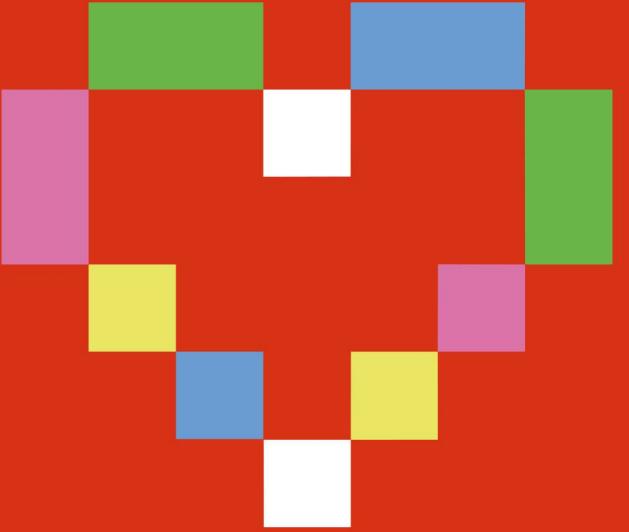
17:45 Wrap Up



Hochschule für Technik
und Wirtschaft Berlin

University of Applied Sciences





Rails Girls Berlin

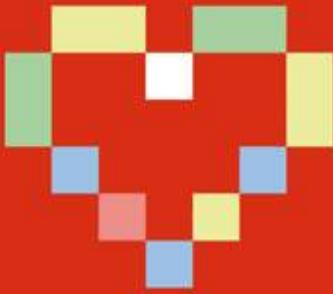
@railsgirls_bln
#railsgirls



0. Intro

Trevis

@print_timing



I'm
becoming
a programmer!



Rails Girls Berlin
railsgirlsberlin.de



Organizers, find your speakers

Find women speakers & moderators for your conference

Creativity

[Categories and Topics >>](#)

[Browse all speakers >>](#)

Our Speakers

No more excuses for panels without women*!



A wooden cutting board with various knives and a cheese tray.

Precision

Collaboration



Railsgirls – Chromium

Railsgirls rails-girls-tlv.herokuapp.com

The Idea app Ideas

List ideas

Name	Description	Picture	Show	Edit	Destroy
Another cool idea	Yet another cool idea.		Show	Edit	Destroy
My idea	This is a description of the idea.		Show	Edit	Destroy
Your idea	This is your idea.		Show	Edit	Destroy
Best idea	This is the best idea of them all!		Show	Edit	Destroy

New Idea

Rails Girls 2014

A portrait painting of Ada Lovelace, a woman with dark hair styled in large, voluminous bouffant puffs. She wears a white headband with a yellow floral brooch and a dark, patterned shawl or dress with a black lace collar. She is holding a small, gold-colored book or notebook in her right hand. The background is a mottled brown.

1. Random Basics



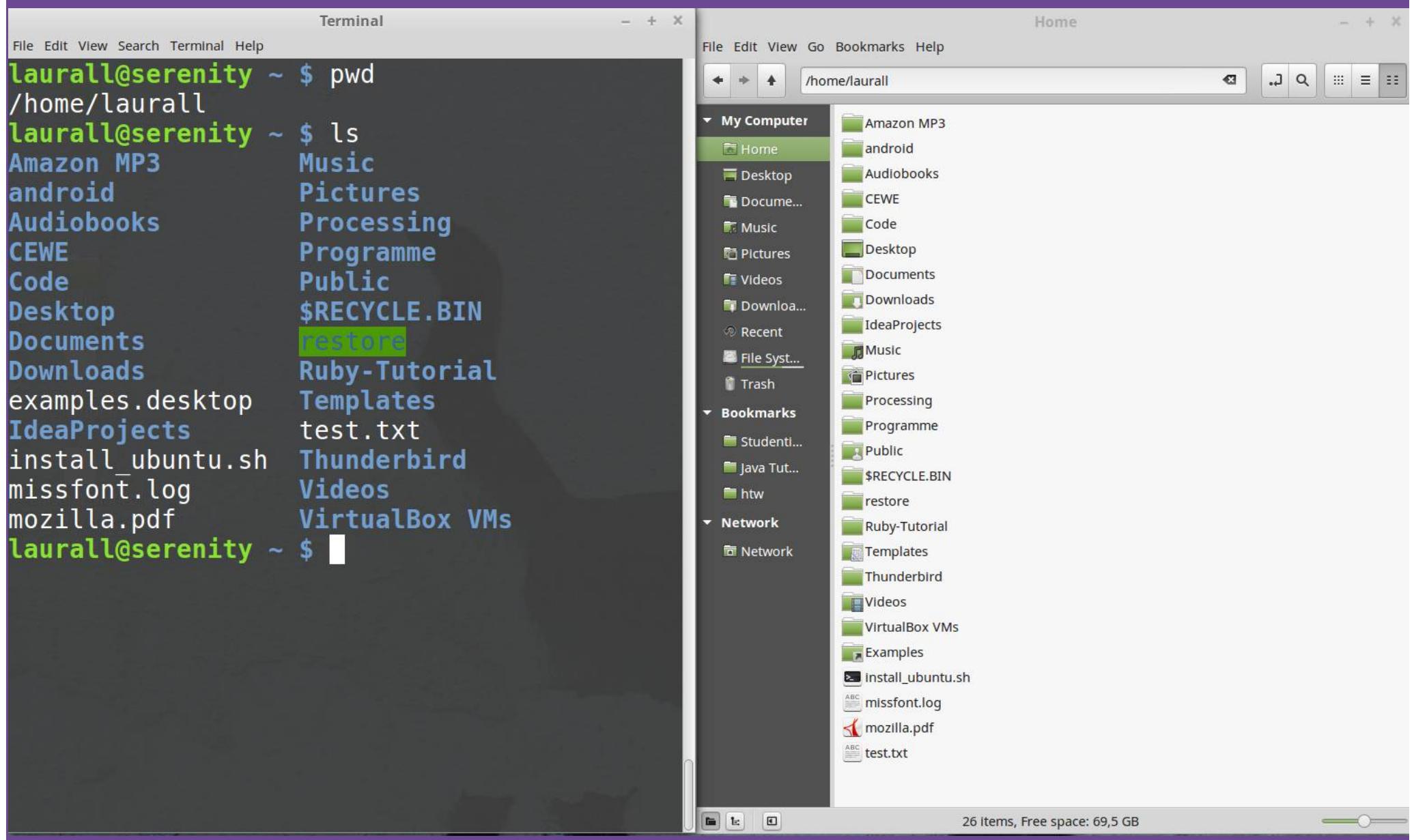


SI-System Information: Advanced Edition, VCI Date: 1982, 1988, Polar Systems

Computer Name:	IBM PC
Operating System:	MS-DOS 3.0
Serial in/EISA dated:	Wednesday, October 27, 1982
Basic Processor:	Total 1000K
Processor:	None
Video Display Adapter:	Monochrome (CGA)
Current Video Mode:	Text: 80 x 25 Monochrome
Current Disk Drives:	3.5" - C:

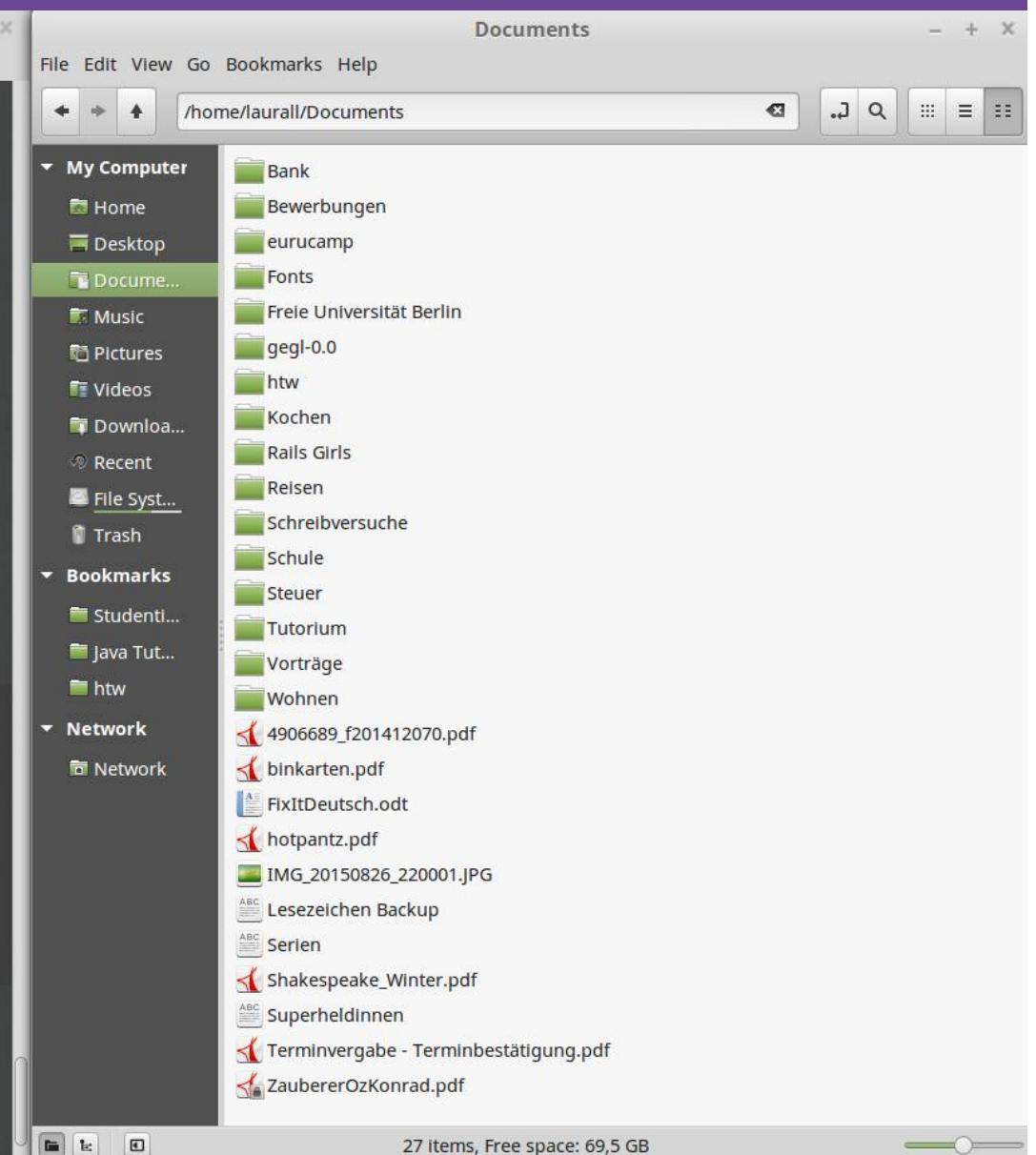
200 requests 640 Kbytes of memory.
All 1-Mbyte board by 100 end available programs.
872 Kbytes available for application programs.
A request for active memory finds:
400 Kbytes main memory (See hex 0000-0000)
400 Kbytes display memory (See hex 2000-3000)
port-BIOS extensions are found at hex paragraphs? C000

Computing Index (CI), relative to 100/ST: 1.0
Disk Index (DI), relative to 100/ST: Not computed. No drive specified.
Performance Index (PI), relative to 100/ST: Not computed.
CNS



Terminal

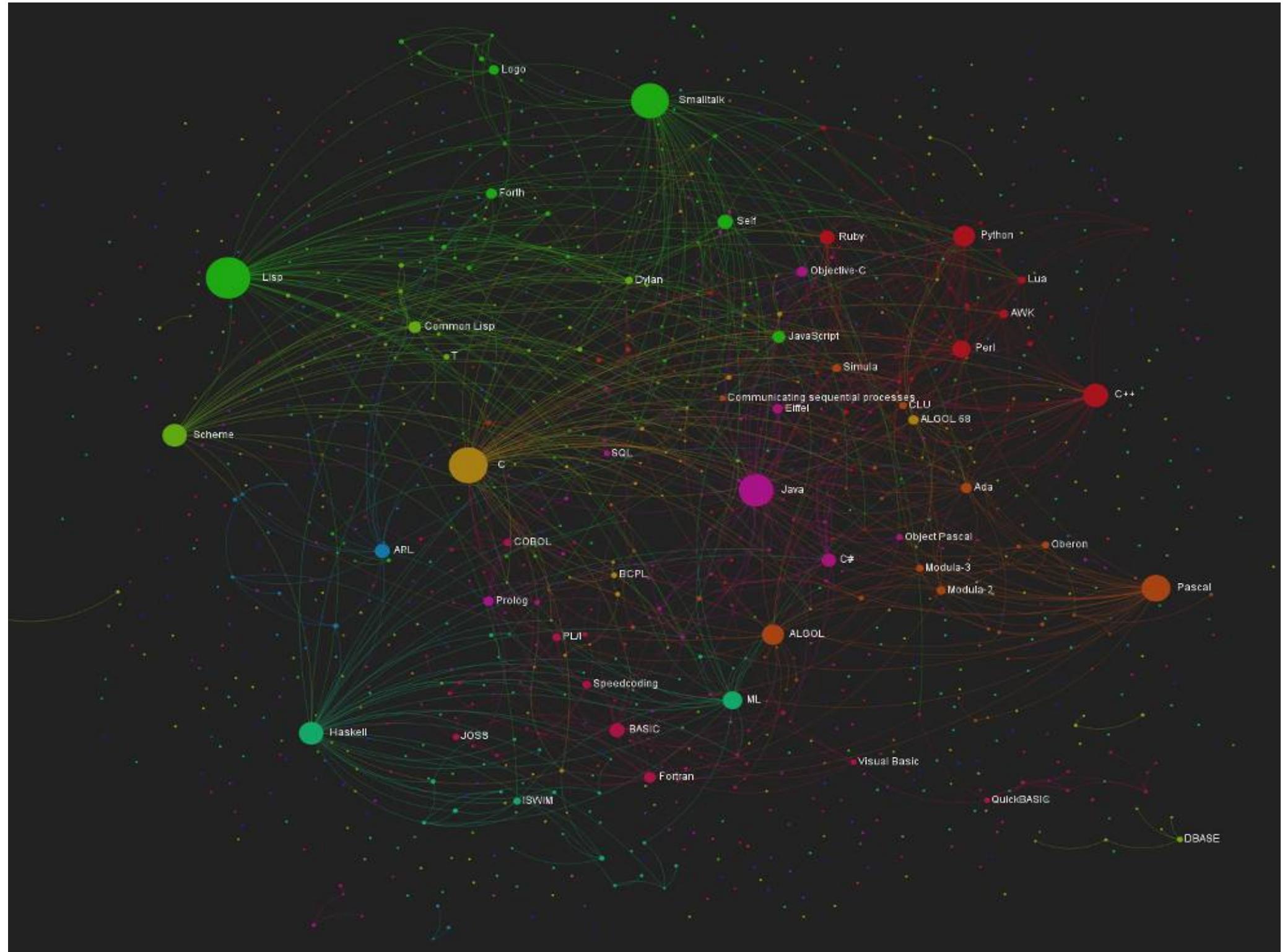
```
File Edit View Search Terminal Help
laurall@serenity ~ $ cd Documents
laurall@serenity ~/Documents $ ls
4906689_f201412070.pdf
Bank
Bewerbungen
binkarten.pdf
eurucamp
FixItDeutsch.odt
Fonts
Freie Universität Berlin
gegl-0.0
hotpantz.pdf
htw
IMG_20150826_220001.JPG
Kochen
Lesezeichen Backup
Rails Girls
Reisen
Schreibversuche
Schule
Serien
Shakespeare_Winter.pdf
Steuer
Superheldinnen
Terminvergabe - Terminbestätigung.pdf
Tutorial
```



	Terminal (linux/mac)	cmd (Windows)
Where am I?	pwd	cd
What's here?	ls	dir
Go to ...	cd ...	cd ...
Create folder ...	mkdir ...	mkdir ...
Create file ...	echo >> ...	echo >> ...

2. Programming





2.1 What's a Web App?

(thanks to Tobias Pfeiffer)





OUR WORKSHOPS

CONTINUE LEARNING

GET INVOLVED

NEWS

ABOUT

PRESS

**Success!**> [12, 47, 35].max
=> 47**Success!**

Resources for Beginners

Here you can find the guides used during our workshops and some needful resources for beginners

Installing Rails

[Rails Girls Installation Guide](#)[Railsbridge Installation Guide](#) – This guide can be used as an alternative. You only need the first Guide

The Workshop-Tutorial

[Build your first App](#) – We are using this step-by-step tutorial during our Beginners Workshops

Cheatsheets

[Rails Girls Workbook](#)[Beginners Cheatsheet](#) – here you can find useful shortcuts, commands and infos

Learning Ruby

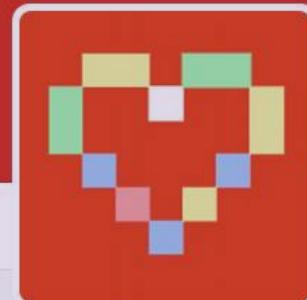
[TryRuby.org](#) – A short introduction to Ruby[A poignant guide to Ruby](#) – A complete book from the same guy who created TryRuby.[HacketyHack](#) – Coding for beginners[Ruby on Codecademy](#)

Learning Rails

[Rails for Zombies](#) by Envlabs[Learn Rails](#) by David Kehoe[Ruby on Rails Tutorial](#) – Tutorial for building a mini Twitter-App

[Startseite](#)[Mittellungen](#)[Nachrichten](#)

Twitter durchsuchen



Rails Girls Berlin

@railsgirls_bln

Tweets powered by @nerdbabe, @lauralindal & @inthuytion. If you want to share job offers for women in IT, pls use our LinkedIn group or github.com/Malwine/junior...

Berlin

railsgirlsberlin.de

Beigetreten April 2012

220 Fotos und Videos

TWEETS
3.510FOLGE ICH
417FOLLOWER
2.730GEFÄLLT MIR
460LISTEN
3[Profil bearbeiten](#)[Tweets](#)[Tweets & Antworten](#)[Medien](#)

Angehefteter Tweet

Rails Girls Berlin @railsgirls_bln · 30. Mai 2015

very important one! #codingbecause
@railsgirls



52

79

...



Du hast retweetet

OpenTechSchool BLN @OTS_BLN · 12 Std.

Improve your web frontend skills (HTML/CSS/JavaScript) by joining our Co-Learning tonight:

**OpenTechSchool Berlin**

This is all about building things in the browser: HTML, CSS and lots of JavaScript. We are a

Wem folgen? · [Aktualisieren](#) · Alle anzeigen



John Allspaw @allspaw

Folgen



Carl Henderson @ATEXMO... ×

Folgen



Aaron Patterson @tenderlove ×

Folgen

[Freunde finden](#)[Trends · Ändern](#)

#SLBFCB

43,8 Tsd. Tweets

#askMeIna

Trend seit 2 Stunden

#AtletiFCB

70,9 Tsd. Tweets

#Artemis

In der letzten Stunde angefangen zu treten

#Wollneys

In der letzten Stunde angefangen zu treten

David De Gea

4.176 Tweets

Schneiderlin

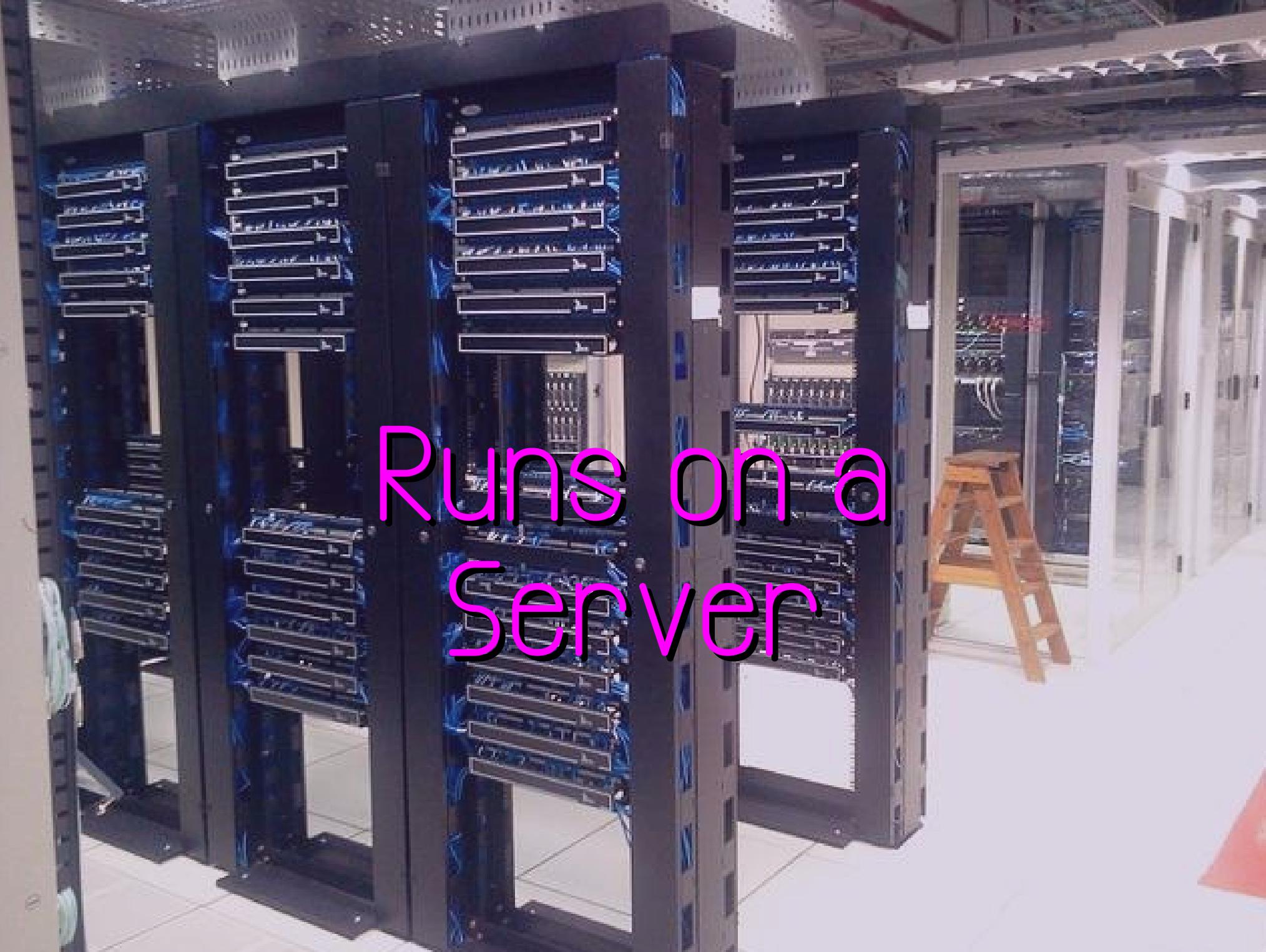
3.843 Tweets

Stürmer

201 Tweets

Müller

15,2 Tsd. Tweets



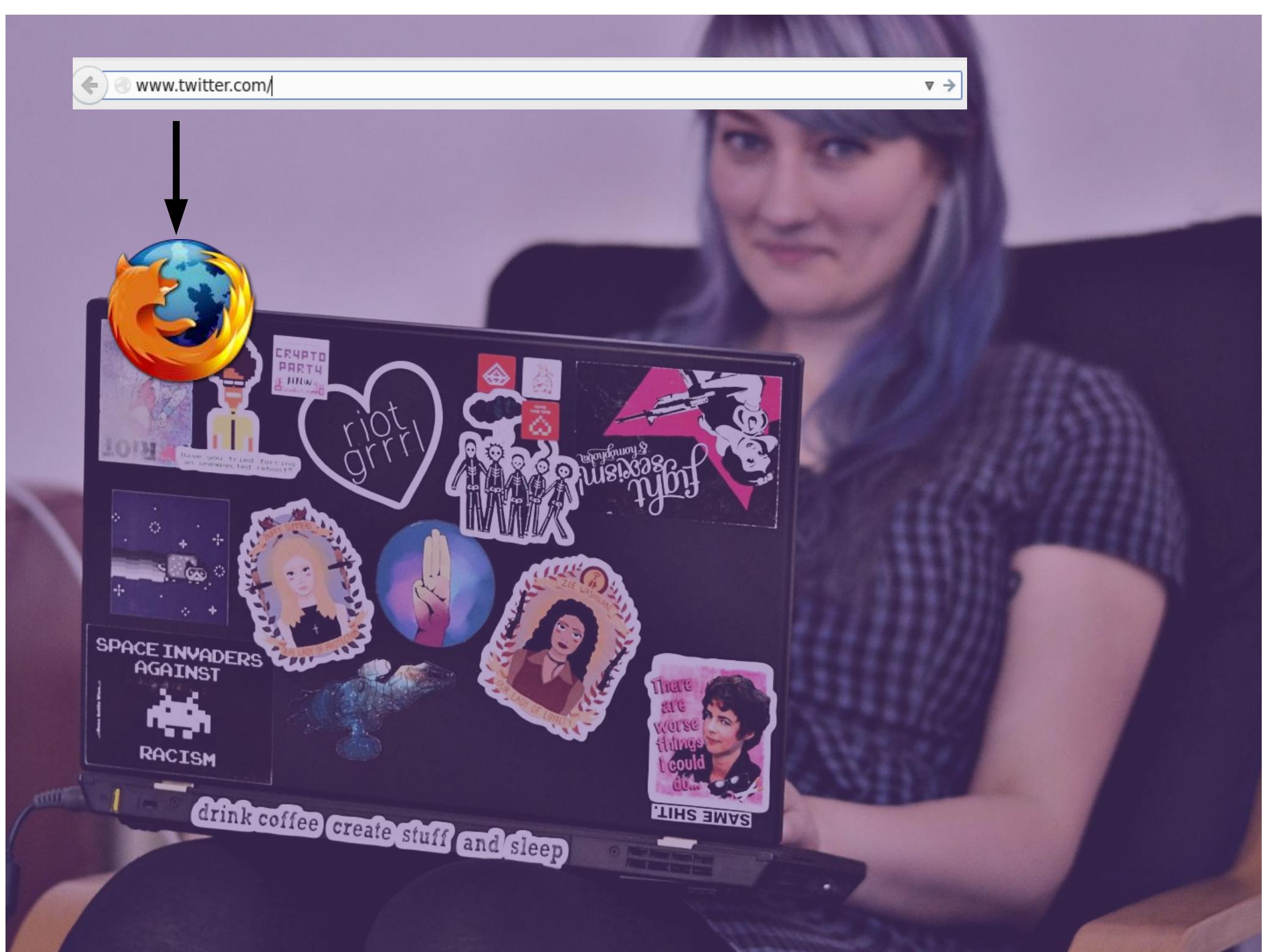
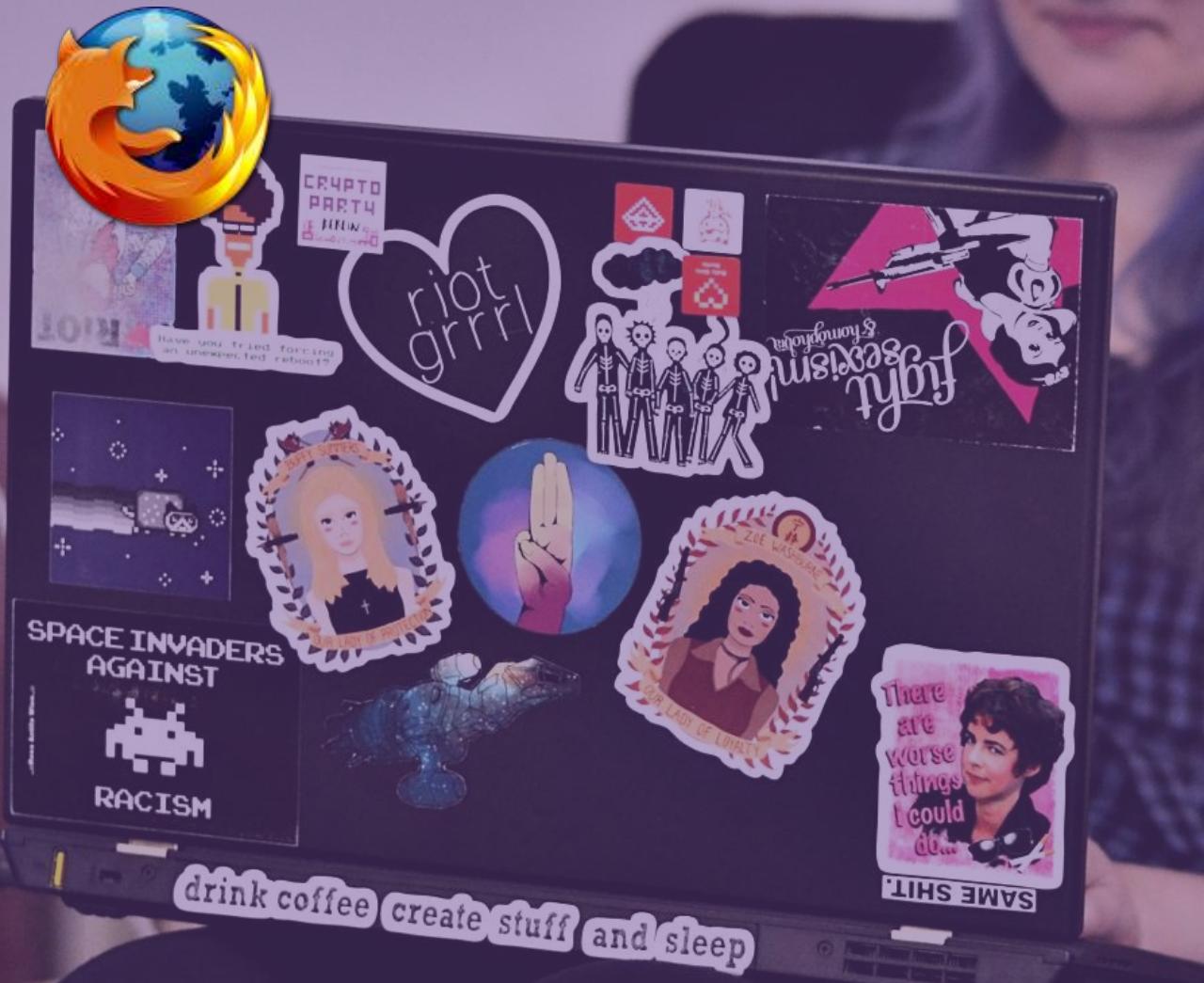
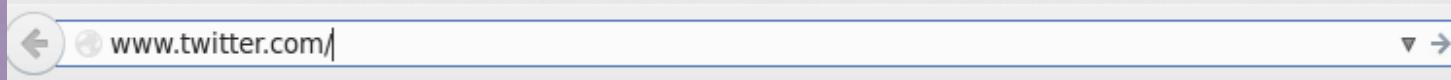
Runs on a
Server

The background of the image is a clear blue sky. It is dotted with several large, white, fluffy clouds. These clouds vary in size and density, creating a sense of depth. Some are more prominent in the foreground, while others are smaller and further back. The overall effect is a bright, airy, and peaceful atmosphere.

Or in the
Cloud

2.2 What happens?







Request

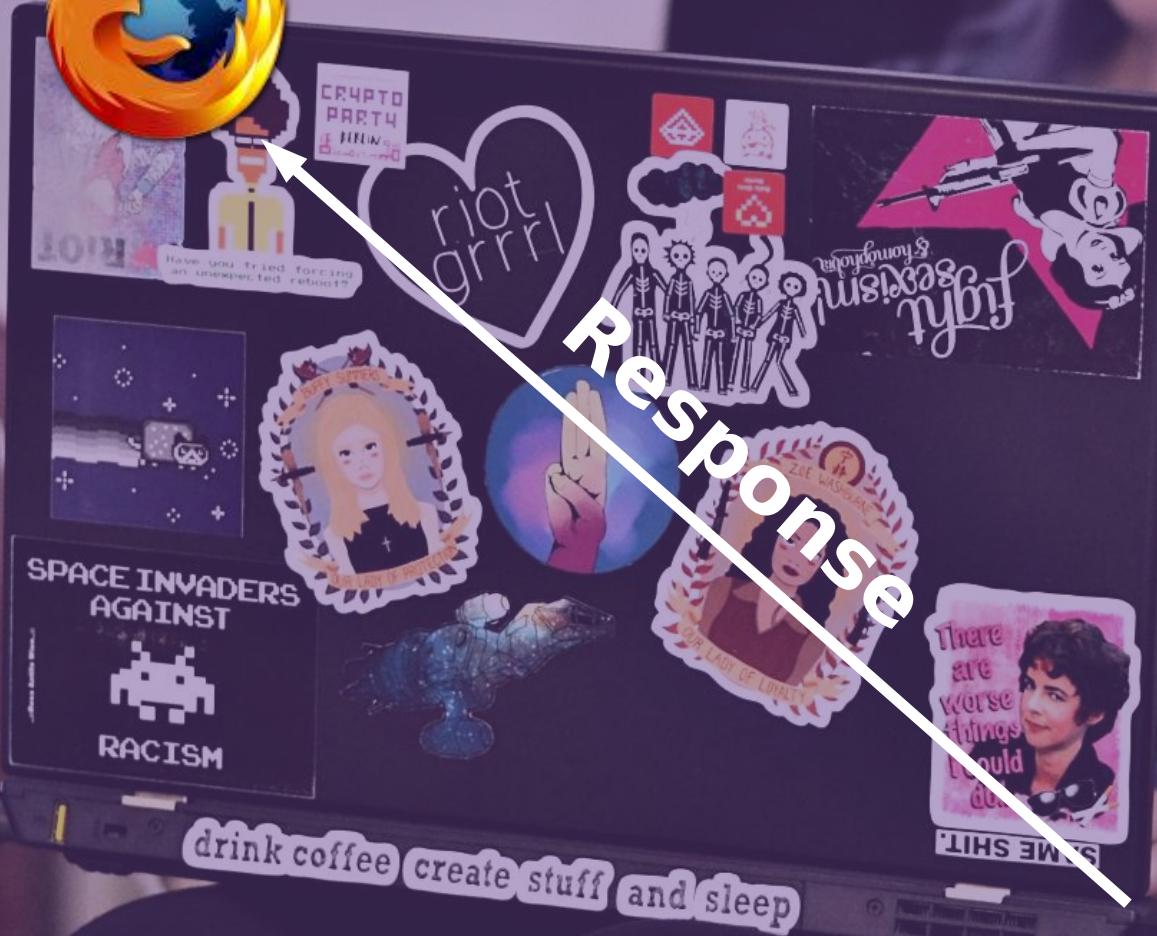






Response



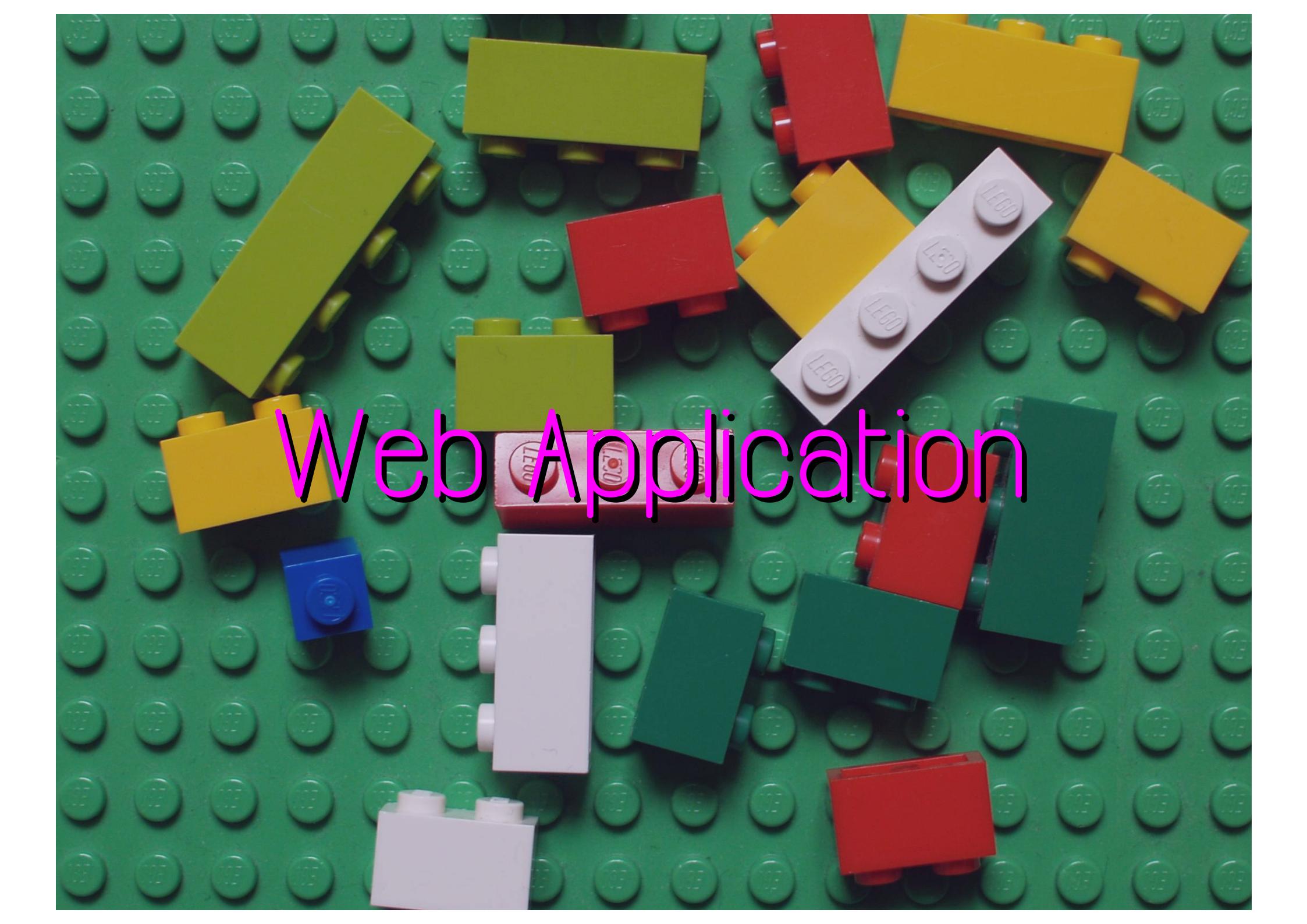


Response





2.3 What's a Web App made of?

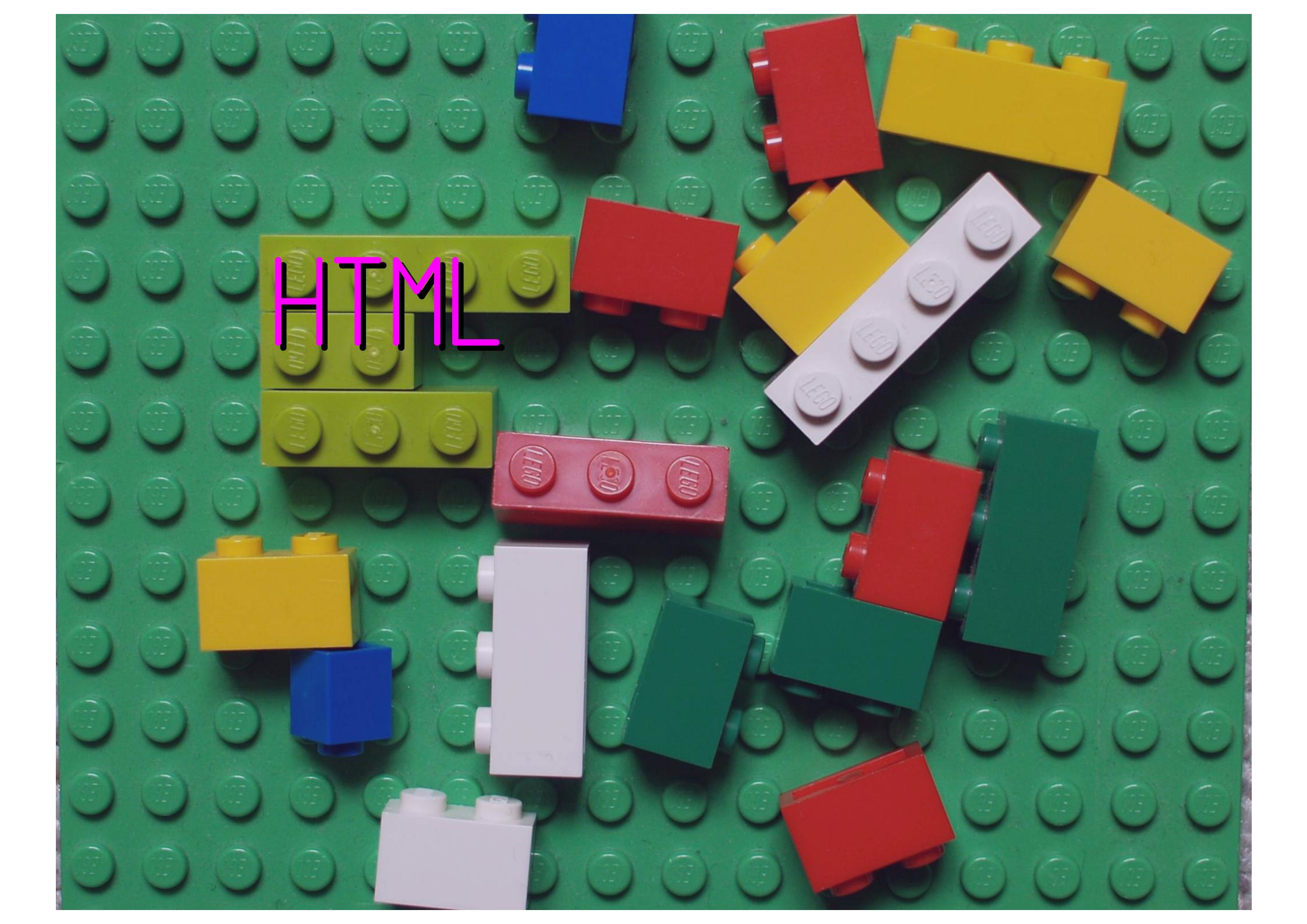


Web Application

Front

Back

End



HTML

CSS Zen Garden

The Beauty of CSS Design

A demonstration of what can be accomplished through CSS-based design. Select any style sheet from the list to load it into this page.

Download the example [html file](#) and [css file](#)

The Road to Enlightenment

Littering a dark and dreary road lay the past relics of browser-specific tags, incompatible DOMs, broken CSS support, and abandoned browsers.

We must clear the mind of the past. Web enlightenment has been achieved thanks to the tireless efforts of folk like the W3C, WaSP, and the major bro

The CSS Zen Garden invites you to relax and meditate on the important lessons of the masters. Begin to see with clarity. Learn to use the time-honor
fashion. Become one with the web.

So What is This About?

There is a continuing need to show the power of CSS. The Zen Garden aims to excite, inspire, and encourage participation. To begin, view some of the
one will load the style sheet into this very page. The HTML remains the same, the only thing that has changed is the external CSS file. Yes, really.

CSS allows complete and total control over the style of a hypertext document. The only way this can be illustrated in a way that gets people excited is if
the reins are placed in the hands of those able to create beauty from structure. Designers and coders alike have contributed to the beauty of the web.

Participation

Strong visual design has always been our focus. If you are modifying this page, strong CSS skills are necessary too, but the example files are comm
use them as starting points. Please see the [CSS Resource Guide](#) for advanced tutorials and tips on working with CSS.

You may modify the style sheet in any way you wish, but not the HTML. This may seem daunting at first if you've never worked this way before, but
the sample files as a guide.

Download the sample [HTML](#) and [CSS](#) to work on a copy locally. Once you have completed your masterpiece (and please, don't submit half-finished w
under your control. [Send us a link](#) to an archive of that file and all associated assets, and if we choose to use it we will download it and place it on o

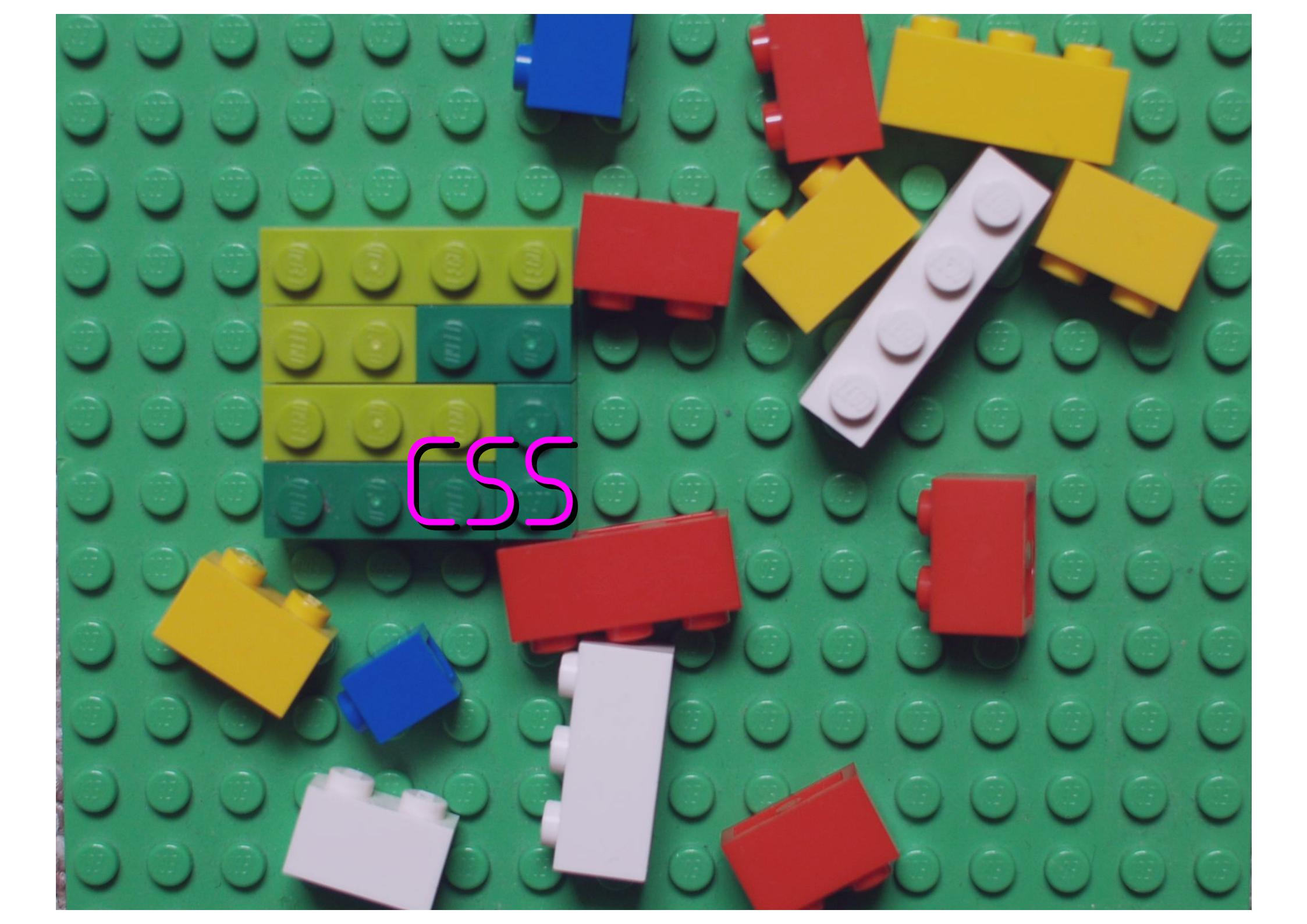
Benefits

Why participate? For recognition, inspiration, and a resource we can all refer to showing people how amazing CSS really can be. This site serves as
the web today, learning tool for those who will be tomorrow, and gallery of future techniques we can all look forward to.

Requirements

Where possible, we would like to see mostly CSS 1 & 2 usage. CSS 3 & 4 should be limited to widely-supported elements only, or strong fallbacks sho
about functional, practical CSS and not the latest bleeding-edge tricks viewable by 2% of the browsing public. The only real requirement we have is

Structure & Content



css

CSS Zen Garden

The Beauty of CSS Design



Styling

A demonstration of what can be accomplished through CSS-based design. Select any style sheet from the list to load it into this page. Download the example [html file](#) and [css file](#)

The Road to Enlightenment

Littering a dark and dreary road lay the past relics of browser-specific tags, incompatible DOMs, broken CSS support, and abandoned browsers.

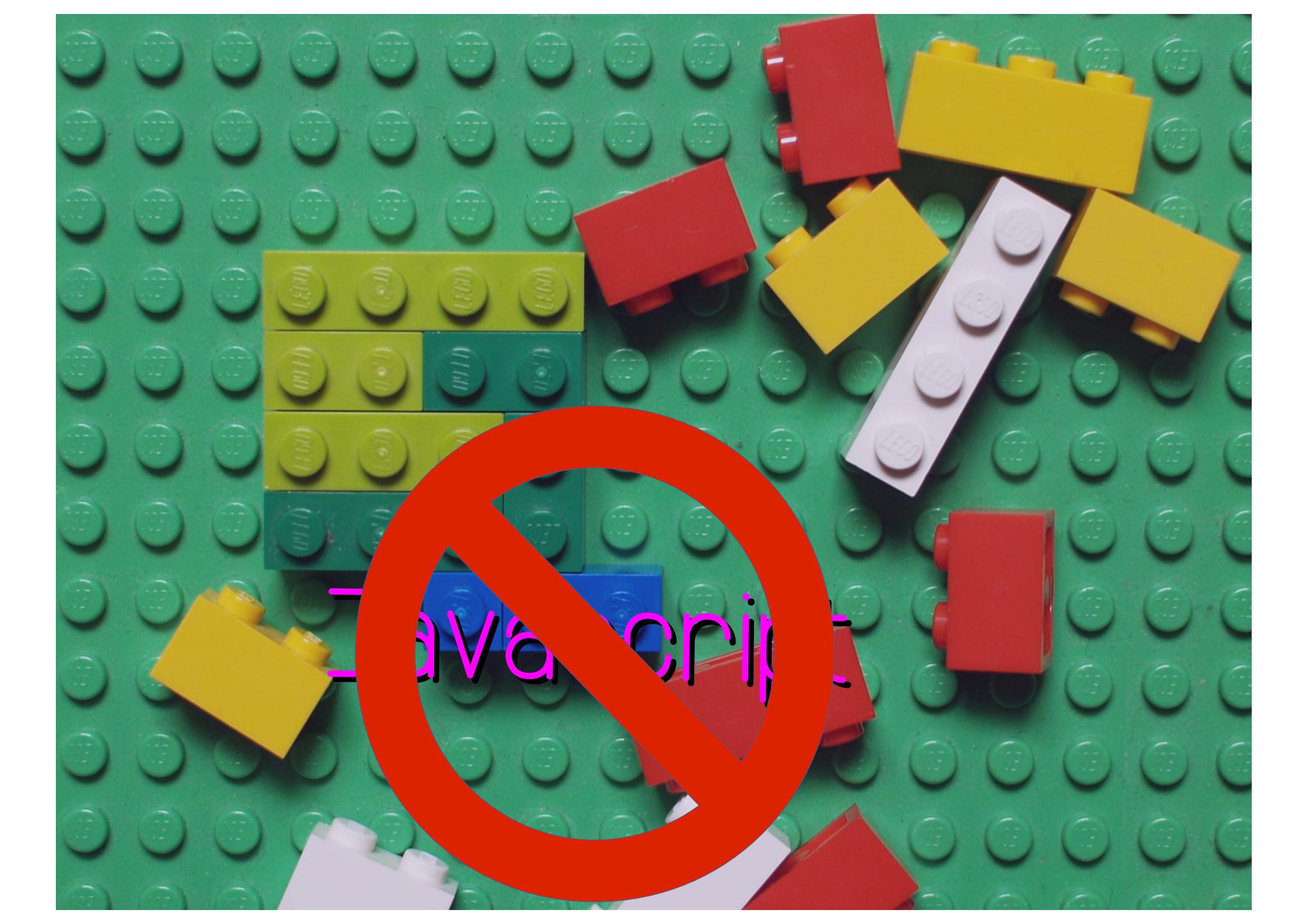
We must clear the mind of the past. Web enlightenment has been achieved thanks to the tireless efforts of folk like the [W3C](#), [WaSP](#), and the major browser creators.

The CSS Zen Garden invites you to relax and meditate on the important lessons of the masters. Begin to see with clarity. Learn to use the time-honored techniques in new and invigorating

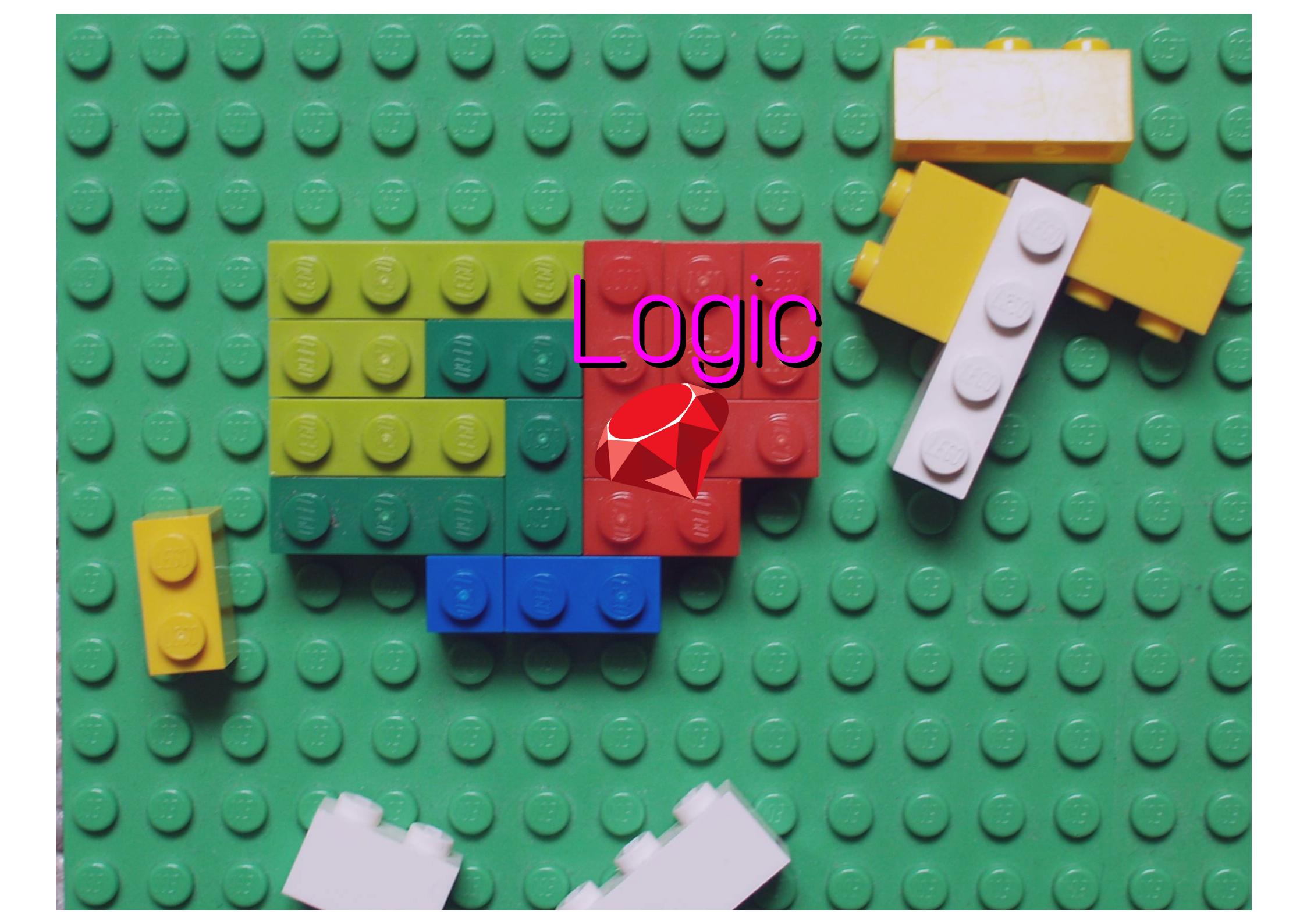
So What is This About?

There is a continuing need to show the power of CSS. The Zen Garden aims to excite, inspire, and encourage participation. To begin, view some of the existing designs in the list. Clicking on any one will load the style sheet into this very page. The HTML remains the same, the only thing that has changed is the external CSS file. Yes, really.

CSS allows complete and total control over the style of a hypertext document. The only way this can be illustrated in a way that gets people excited is by demonstrating what it can truly be, once the reins are placed in the hands of those able to create beauty from structure. Designers and coders alike have contributed to the beauty of the web; we can always push it further.

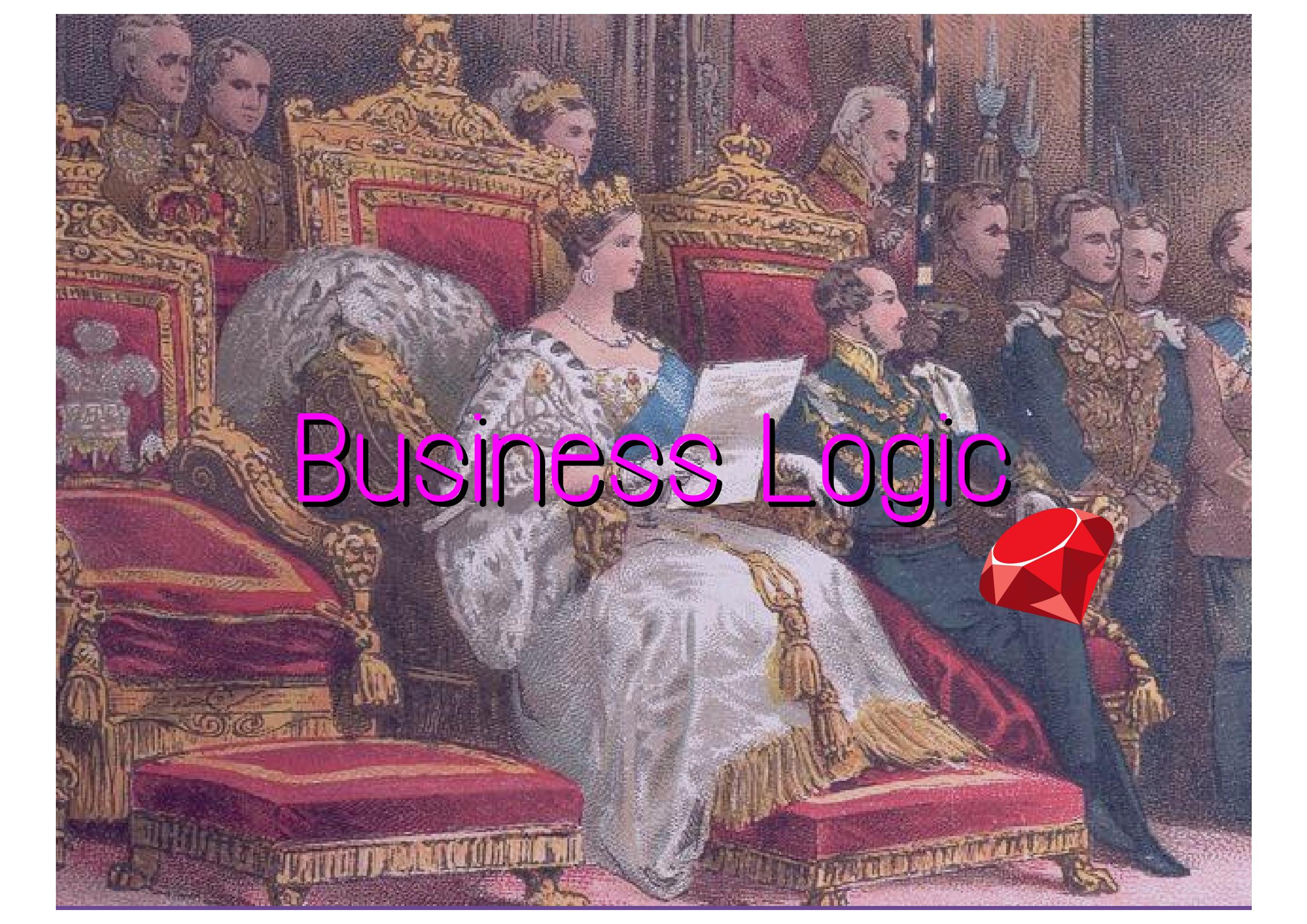


avacript



Logic





Business Logic



Storage

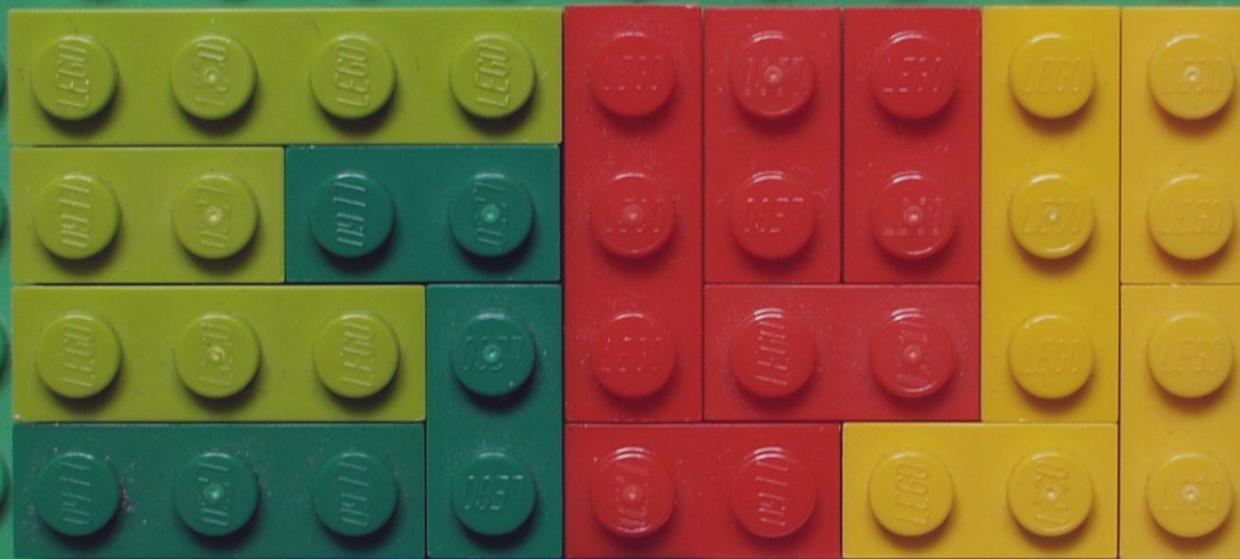
A photograph of a collection of antique books. In the foreground, several thick volumes are stacked horizontally, their spines featuring intricate gold-tooled decorations. One book is propped up, revealing its aged, yellowed pages filled with dense, handwritten text. In the background, more books are arranged on wooden shelves, creating a sense of depth and historical context.

Storing your
data

J	K	L	M	N	O	P	Q	R	S	T	
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In giant tables

Infrastructure





Webserver

Recap



Be
Creative
Precise
Collaborative

Use the
Computer like
it's 1982



Code all the
things, but let's
start with a
Web Application



HTML

CSS

Javascript

Infrastructure

Logic



Storage

So what is
Ruby on Rails?



Web Application
Framework written
in Ruby



3. Your turn!

Railsgirls – Chromium

Railsgirls rails-girls-tlv.herokuapp.com The Idea app Ideas

List ideas

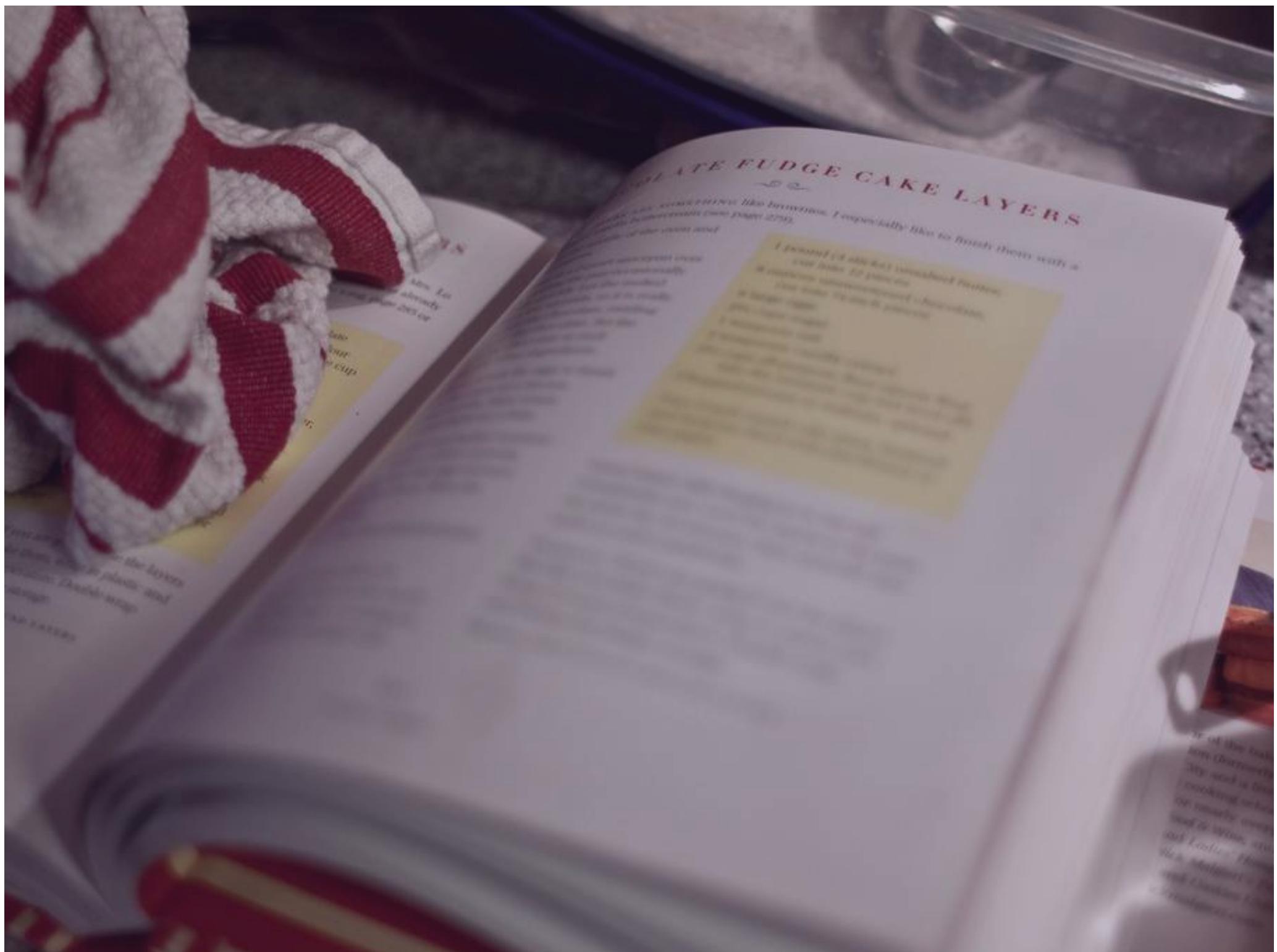
Name	Description	Picture	Show	Edit	Destroy
Another cool idea	Yet another cool idea.		Show	Edit	Destroy
My idea	This is a description of the idea.		Show	Edit	Destroy
Your idea	This is your idea.		Show	Edit	Destroy
Best idea	This is the best idea of them all!		Show	Edit	Destroy

New Idea

Rails Girls 2014

bit.ly/rgb-app

But how does this
tutorial work?



All questions are necessary

Take breaks & don't rush

Work together!

Mistakes → Learning

It's YOUR keyboard

bit.ly/rgb-start & bit.ly/rgb-app