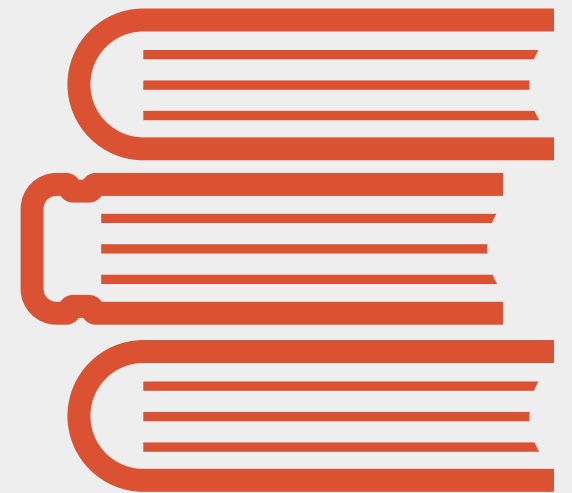




# Today



Check-in  
Purpose  
History of the web  
Concepts  
Tools & methods  
Glossary & tips  
Languages of the web  
Building a web service  
Check-out



Check-in:

Example of an  
interesting web  
service?

purpose

# Purpose



# Tech != magic



history

# Background



Ada Lovelace 1840

# Background

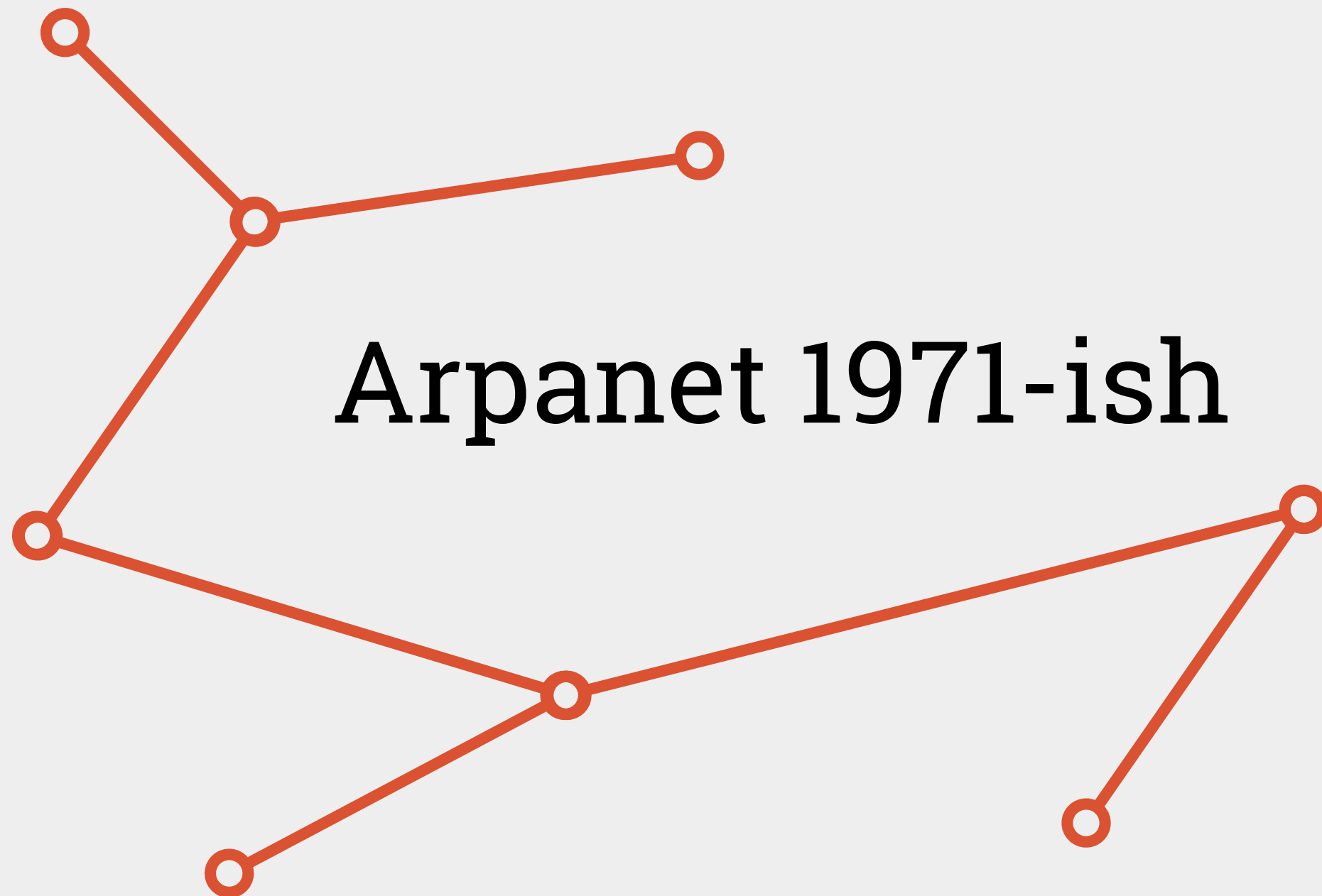
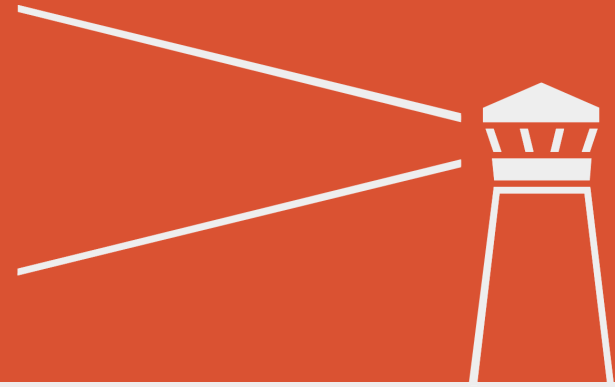


Grace Hopper 1952





# Background

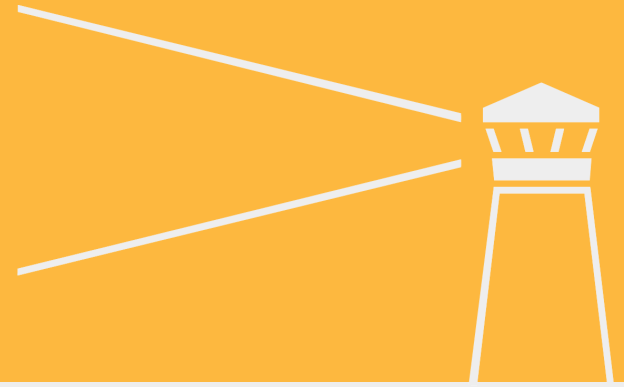


# Background



Tim Berners-Lee 1994

concepts



Clients & servers  
Frontend & backend  
Languages



tools &  
methods

# Tools & methods



Wix

Squarespace

Wordpress

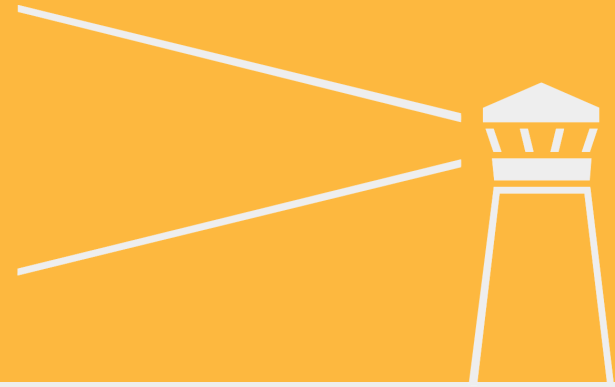
Webflow

Start from scratch



# glossary & tips

# Glossary



Boilerplate

Variables

Constants

Functions

Procedural

Functional

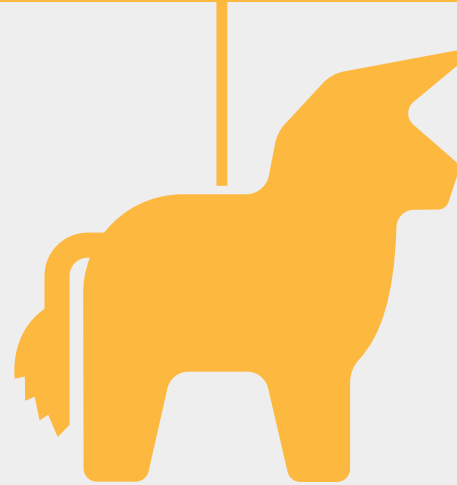
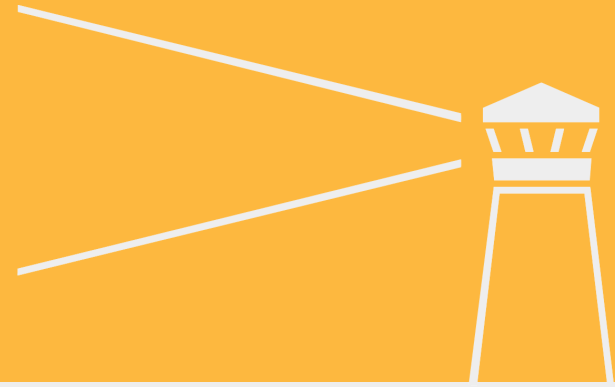
Asynchronicity

(REST) API





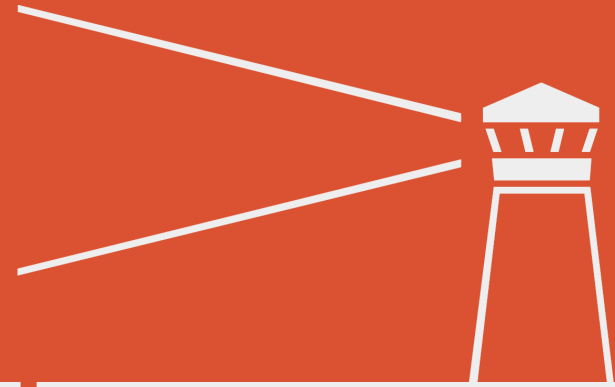
# Tips



Type instead of copy  
Ignore IE compatibility  
StackOverflow everything

# languages of the web

# Languages of the web



HTML

Hypertext markup language

Content

CSS

Cascading style sheets

Style

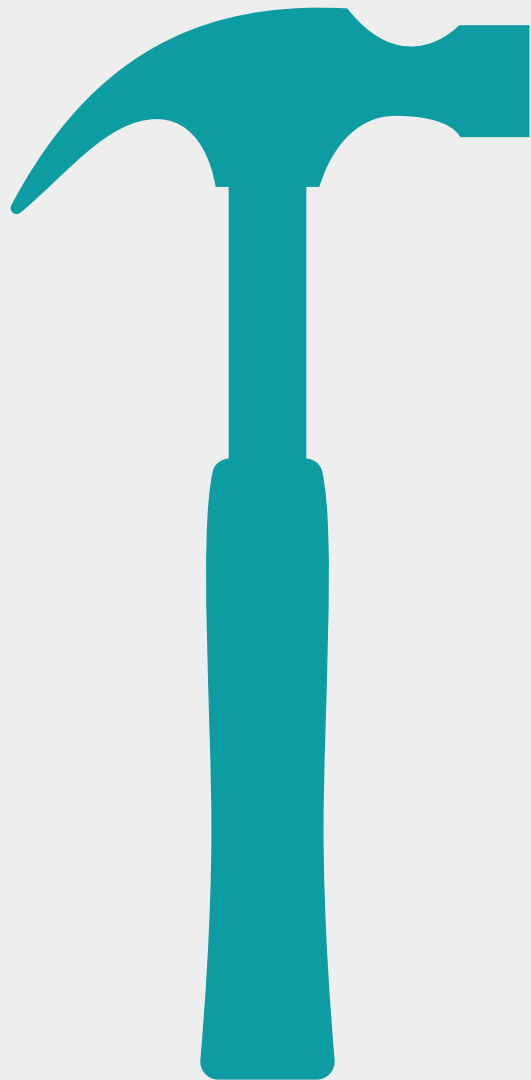
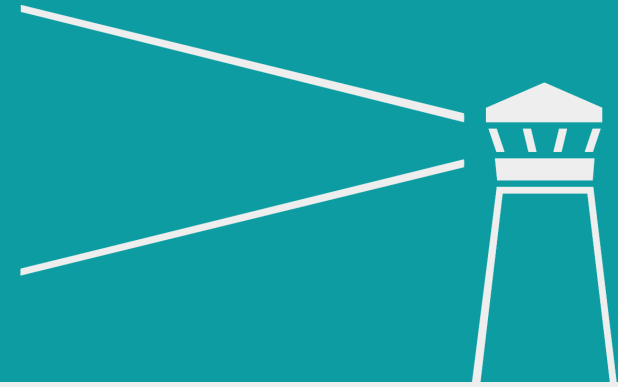
JS

JavaScript

Action

building

# Building a web service



1. Set up Glitch
2. HTML intro
3. CSS intro
4. JS intro
5. Project 'brief'
6. go go go

# Building a web service



glitch.com

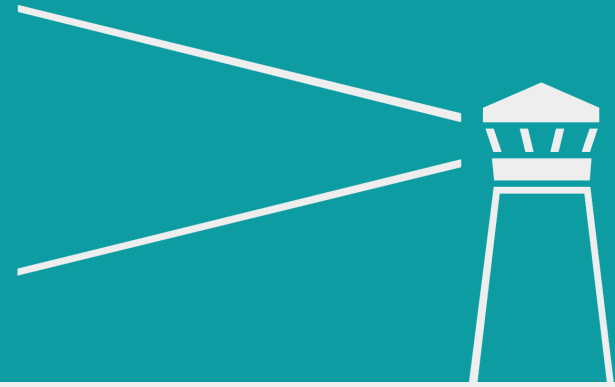
Remove 'refresh app on changes'

Turn of ad-blockers etc

Preview

Format button

# HTML intro

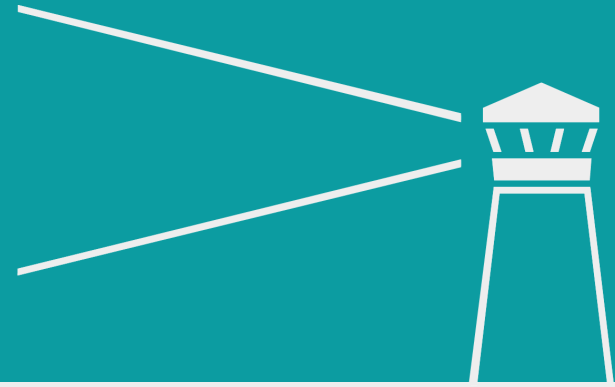


Comments  
Elements

Edit the title  
Create a new link



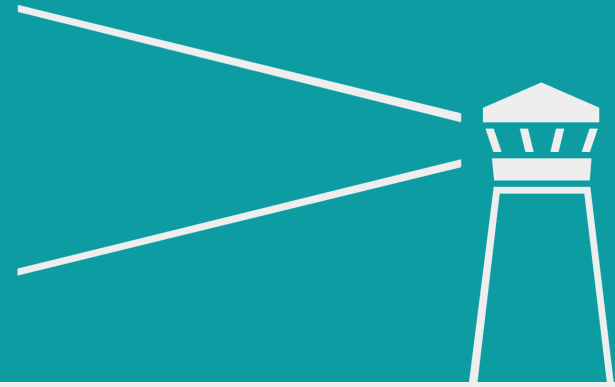
# CSS intro



Change text color  
Set background image  
Make image cover screen

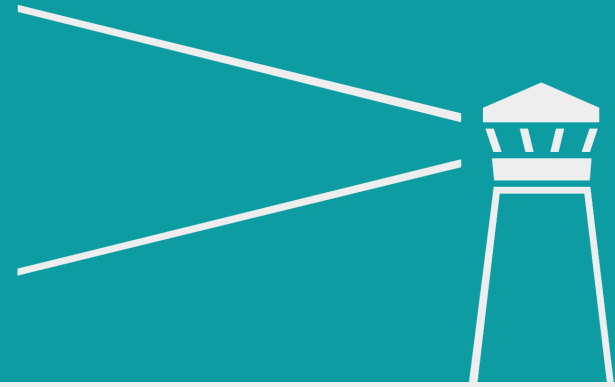


# JS intro



Comments;  
Zero indexing;  
Count to ten in console;  
if .. then .. ;  
Change the HTML;

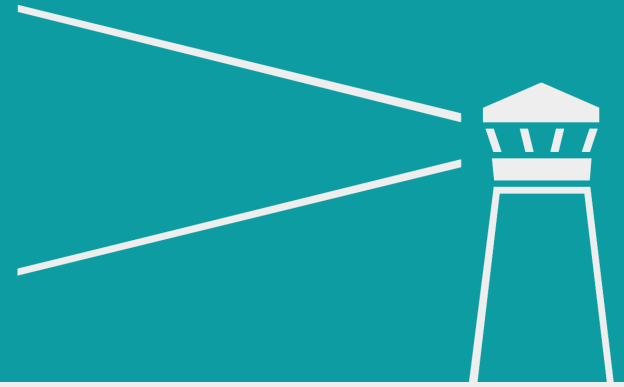
# Project



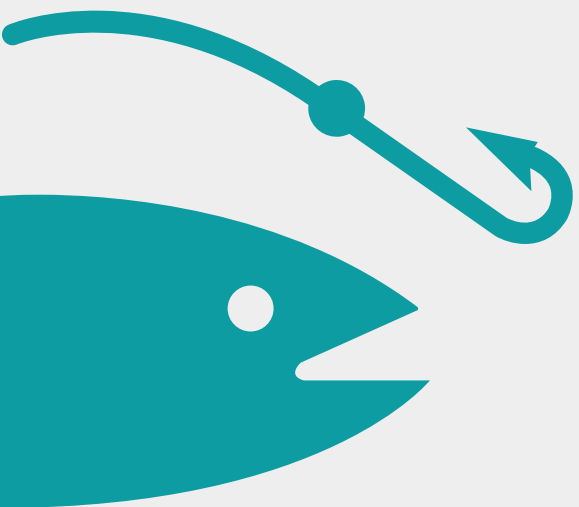
Make a web service which  
displays disaster relief data



# Project



<https://apidoc.rwllabs.org/parameters>



show  
your  
work

Check-out :

What web service would  
you like to build?

/quit