

THE -ROBOT
FOUNDRY-



The Internet

Setup



SSID: MakeShop
Password: workshops



Open Sublime Text



Go To: webdev.therobotfoundry.net
Click on “Hosting”

Hosting

This section will take you through all the steps you need to follow to get your website online.

[DOWNLOAD LECTURE NOTES](#)

Course Overview

1. Presentation (HTML/CSS)
2. Interaction (Scripts/Databases)
3. Hosting

Objective

Your website – online!

Method

Four Challenges:

1. Set up Github account (free)
2. Create a repo and gh-pages branch
3. Upload your website
4. Repeat

Github

Git: Version control software. Linus Torvalds

Github: A place to upload and manage software projects.

Sign Up



How people build software

Millions of developers use GitHub to build personal projects, support their businesses, and work together on open source technologies.

[Personal](#)[Open source](#)[Business](#)[Explore](#)[Pricing](#)[Blog](#)[Support](#)Search GitHub[Sign in](#)[Sign up](#)Pick a usernameYour email addressCreate a password

Use at least one letter, one numeral, and seven characters.

[Sign up for GitHub](#)

By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy policy](#). We'll occasionally send you account related emails.

Learn More:

<https://try.github.io/>

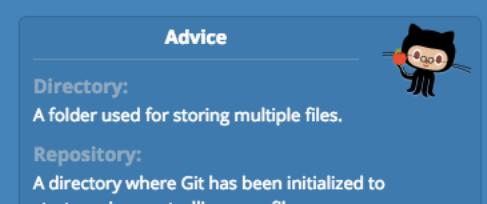
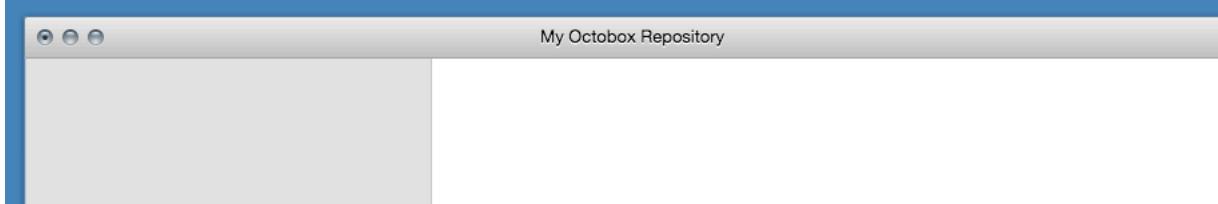
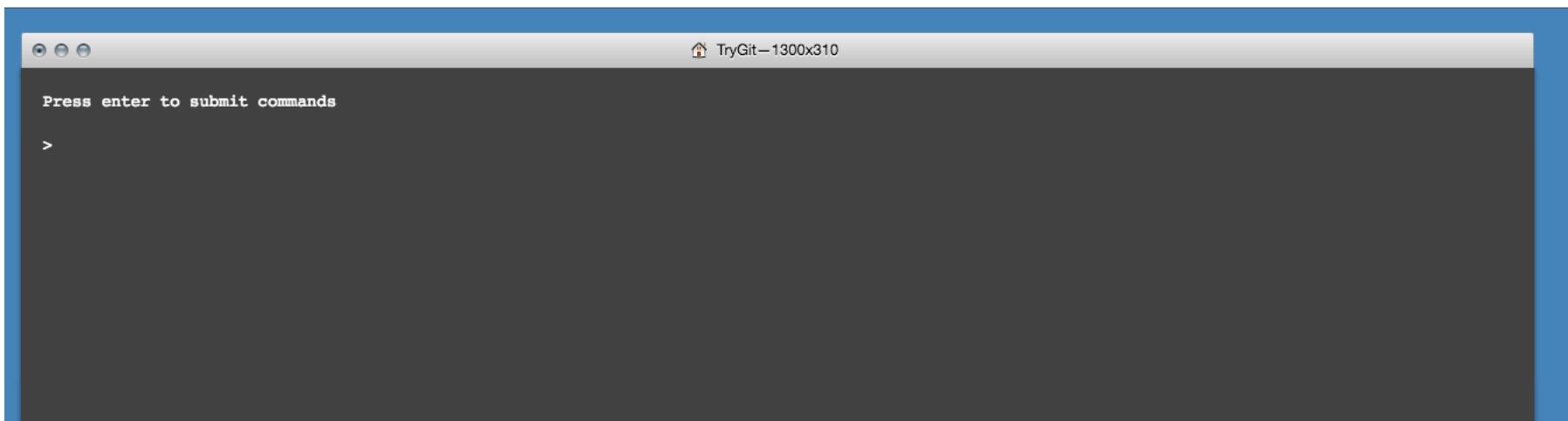


1.1 · Got 15 minutes and want to learn Git?

Git allows groups of people to work on the same documents (often code) at the same time, and without stepping on each other's toes. It's a distributed version control system.

Our terminal prompt below is currently in a directory we decided to name "octobox". To initialize a Git repository here, type the following command:

git init



The Internet



THE INTERNET

A series of tubes.

History



History



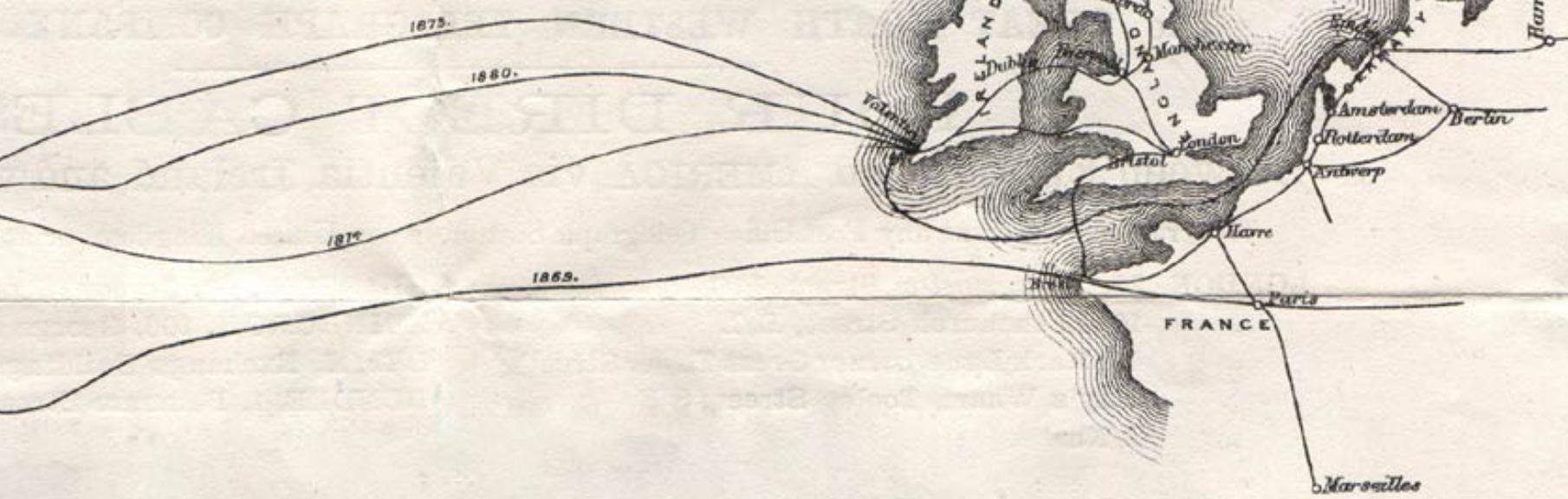
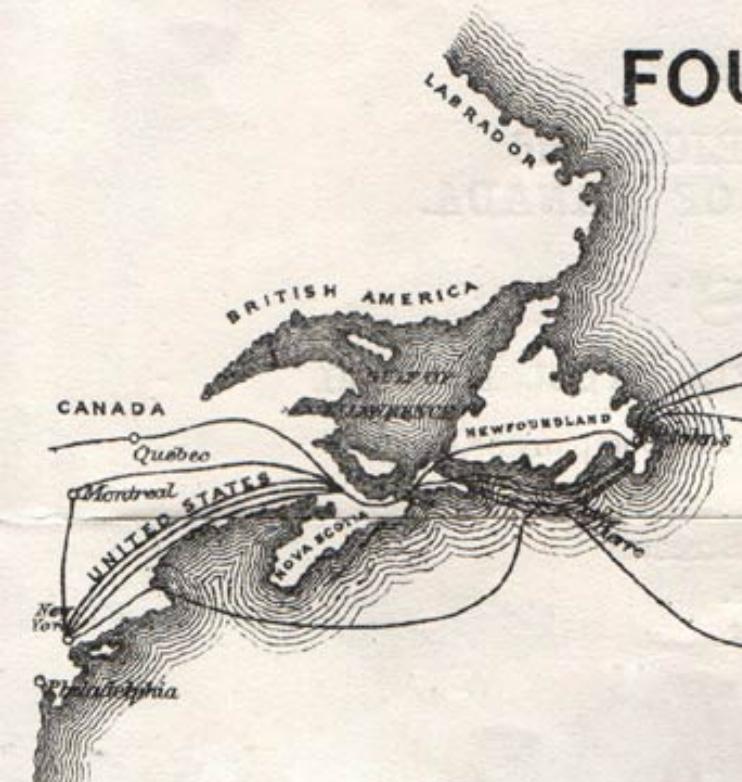
TRANSATLANTIC CABLE
VALENTIA ISLAND, SHORE END

History

The Anglo-American Telegraph Company.
LIMITED.

ESTABLISHED 1866.

FOUR CABLES TO AMERICA
(DUPLEX SYSTEM).



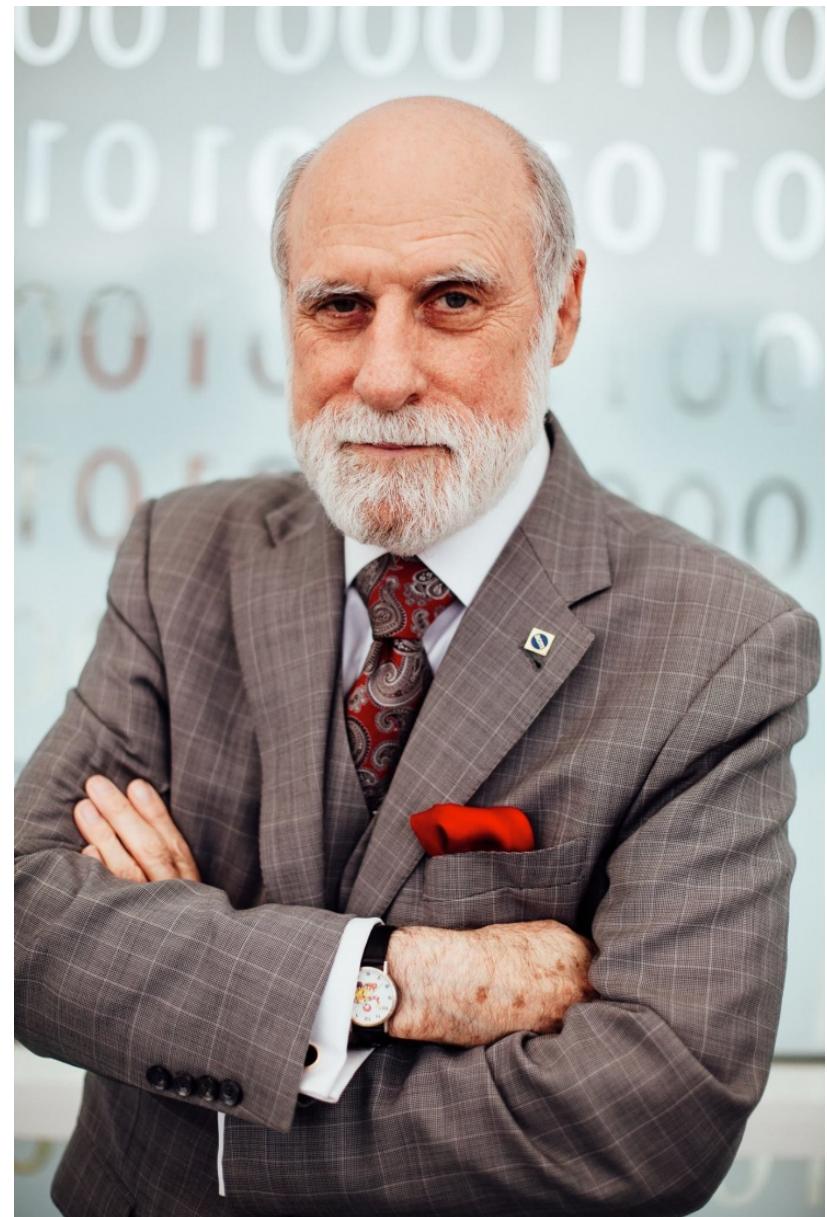
DARPANET



1969

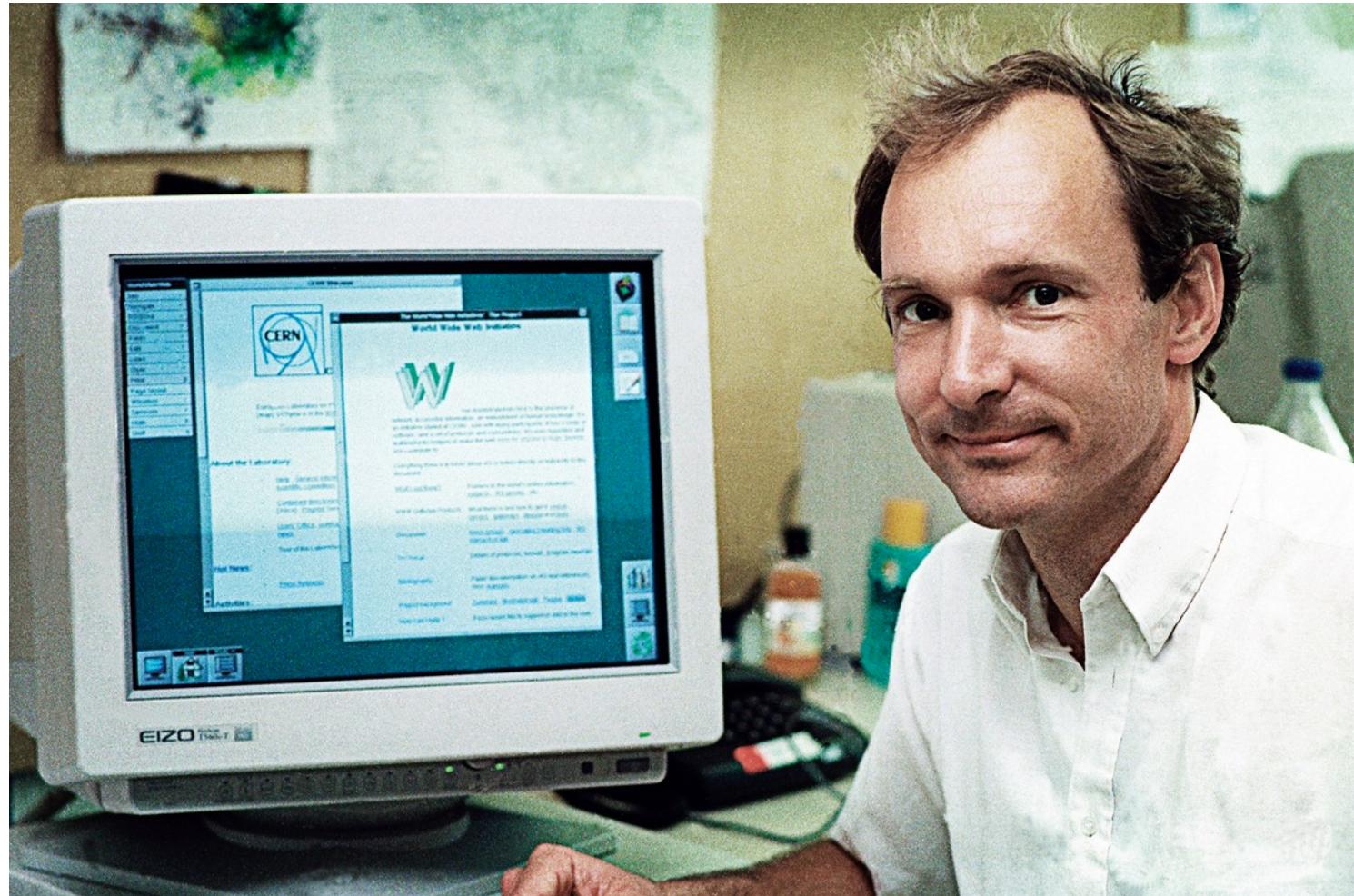
Internet

Vint Cerf
TCP/IP
MCI Mail

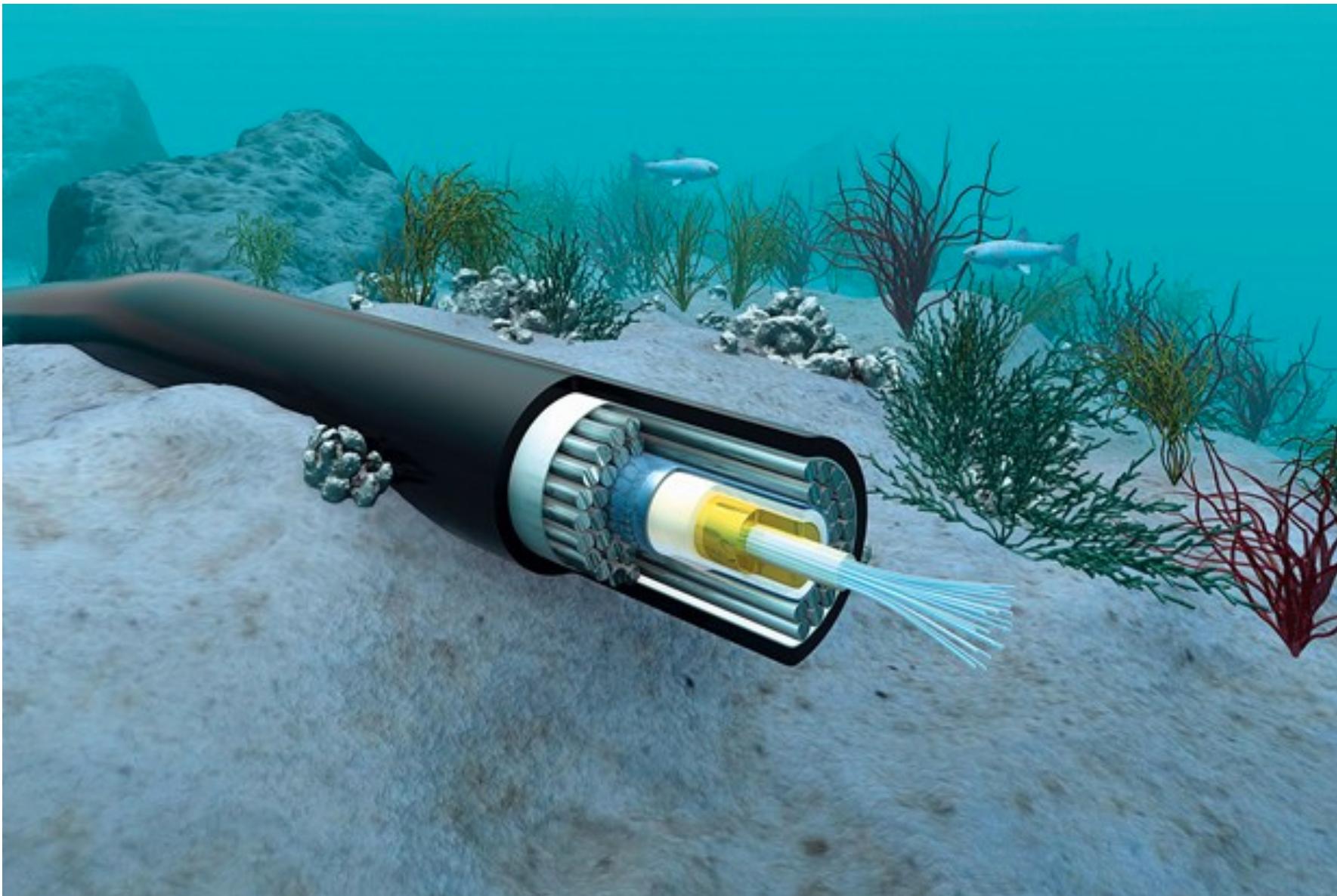


World Wide Web

Tim Berners-Lee
HTTP
HTML

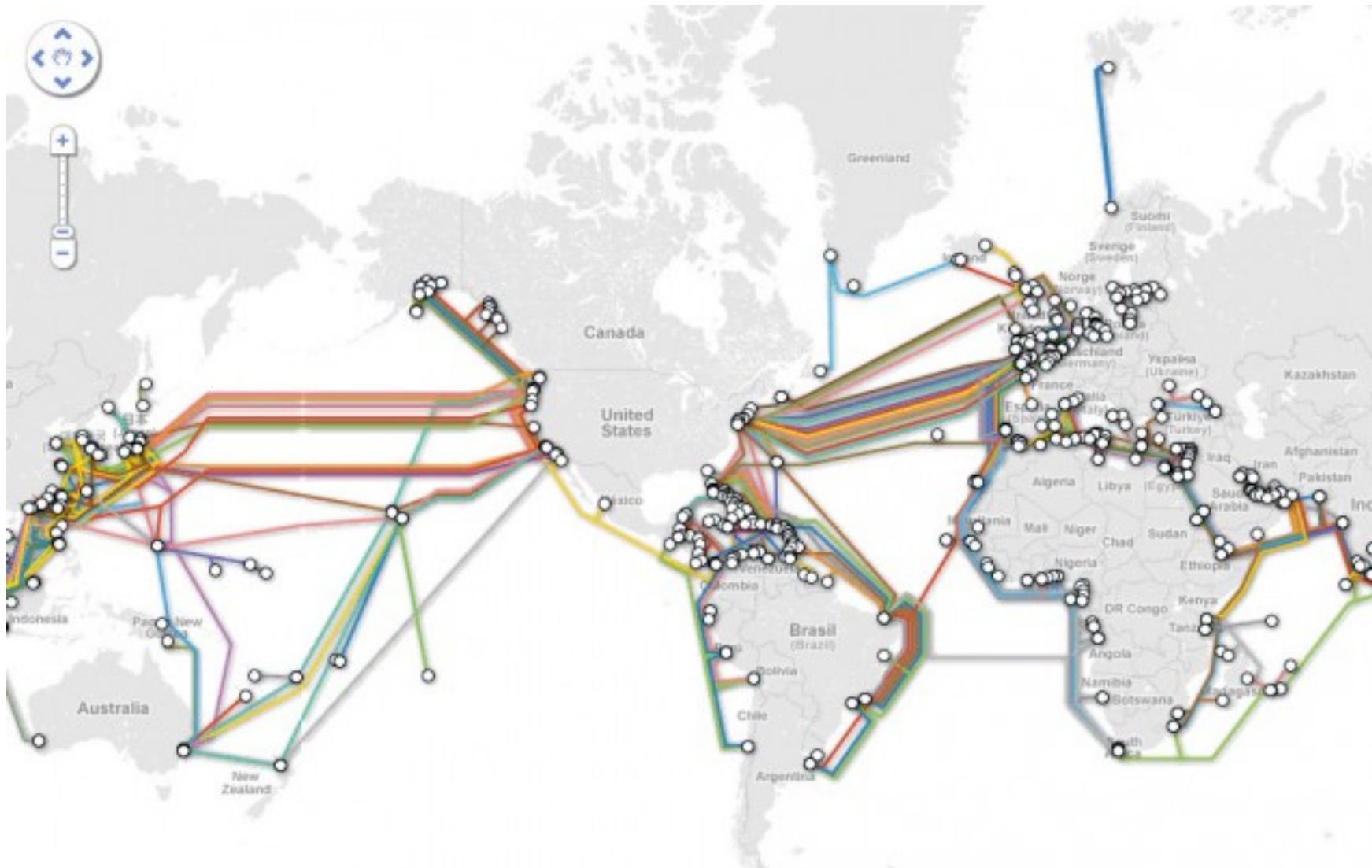


Growth



Growth

<http://www.submarinecablemap.com/>



Back to Ireland



Data Centres



Servers



Challenge

ping

traceroute/tracert

Utilities

<http://whatsmyip.org>

<http://iplocation.net>

- 1. Register your domain name.**
(Brand name/Company name)

- 2. Get Hosting**
(shop/warehouse)

Domain Names

A screenshot of a Google search results page. The search bar at the top contains the query "domain name registration". Below the search bar are navigation links for "All", "Images", "News", "Videos", "Books", "More", and "Search tools". A status message indicates "About 9,820,000 results (0.65 seconds)". The first five search results are listed below:

About 9,820,000 results (0.65 seconds)

Domain Names - Domain Name Registration With Hosting Ireland ...

<https://www.hostingireland.ie/domain-name-registration.php> ▾

Domain Name Registration in Ireland - register available domain names online, Domain Registration for com, net, ie and many more tld's. Save on Domains and ...

IEDR - Register Your .ie Domain Name

<https://www.iestr.ie/> ▾

Apr 29, 2014 - Over 200000 Irish businesses, SMEs and individuals have already chosen .ie for their domain name - find out why you should too.

Domain name search - Irish domain registry - Domain name registration

<https://www.register365.com/domain-names> ▾

Domain name registration is quick and easy to do online to ensure your domains are secured immediately. Register your .ie .com and other extensions now.

Uk · Buy uk domain names · Open the door to the rest of the ... · Eu Domain Names

Register Domain name registration Ireland, Internet Services - domain ...

<https://www.blacknight.com/domains.html> ▾

Secure your brand name by registering your Irish or international domain name. Blacknight is an ICANN accredited registrar. Domain registration services ...

GoDaddy IE: Domain Names | The World's Largest Domain Name ...

<https://ie.godaddy.com/> ▾

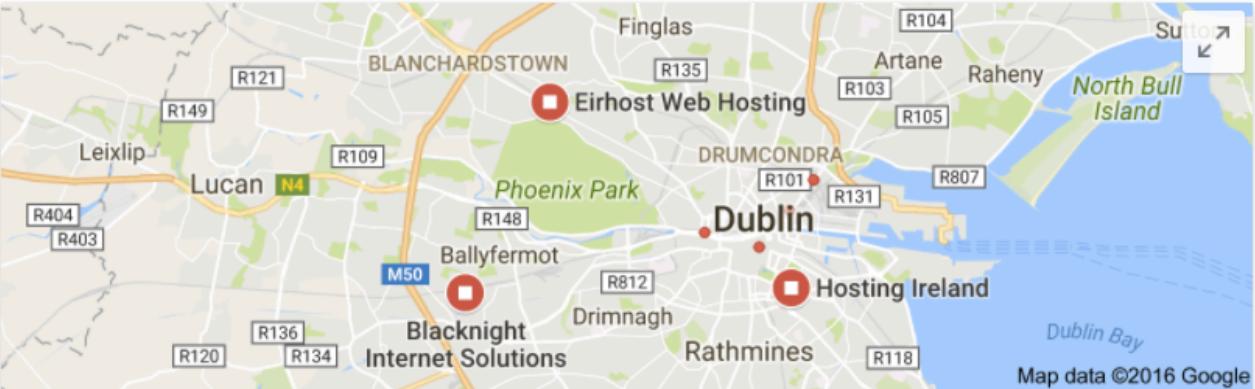
GoDaddy makes registering Domain Names fast, simple, and affordable. Find out why so many business owners chose GoDaddy to be their Domain Name ...

Web Hosts

Google web hosting

All News Images Videos Maps More ▾ Search tools

About 84,500,000 results (0.45 seconds)



Map data ©2016 Google

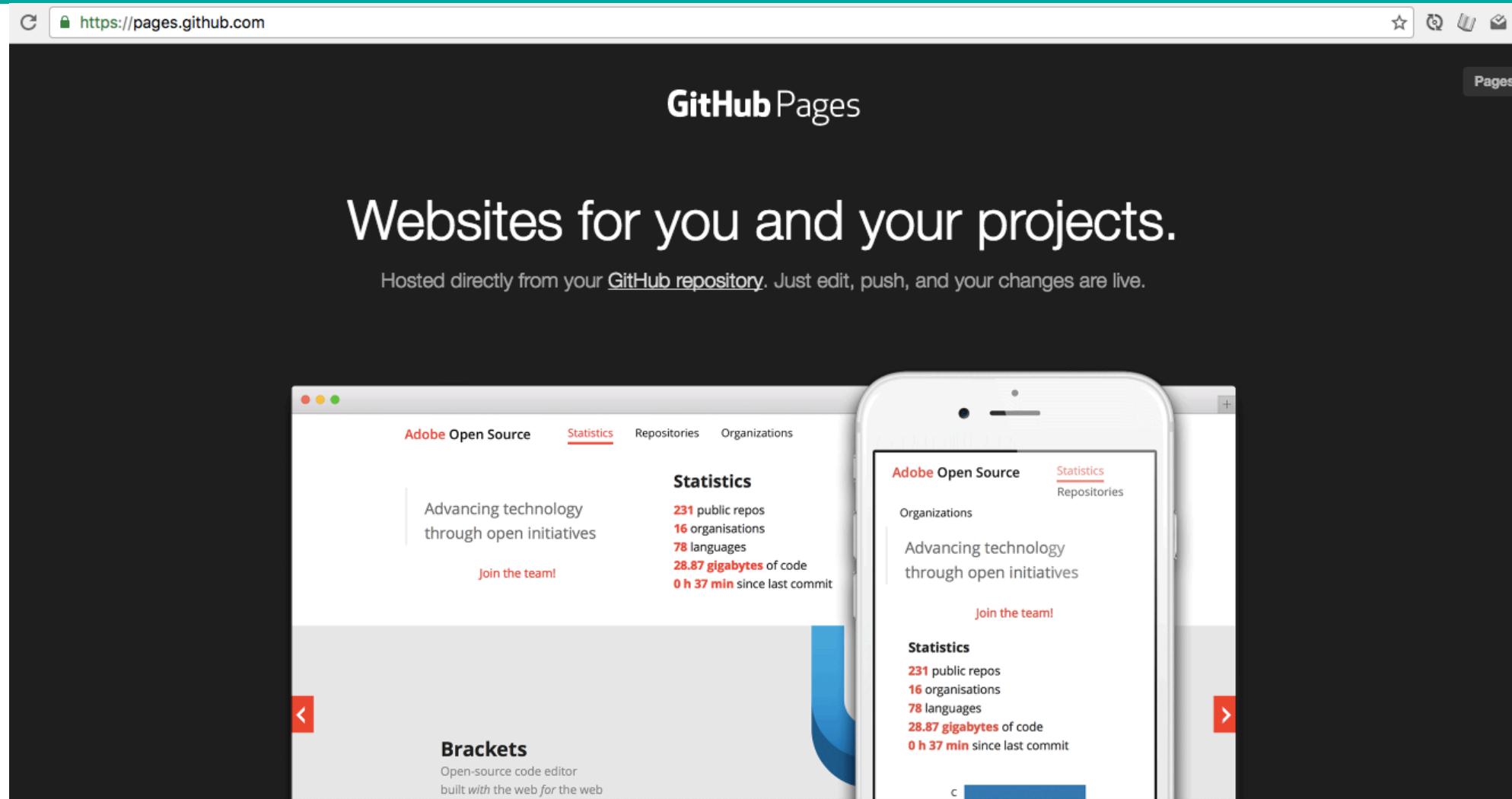
Hosting Ireland
1 review · Web Hosting Company
Dublin 2 · (01) 902 0020
Open until 17:30

Blacknight Internet Solutions
No reviews · Web Hosting Company
Dublin · (059) 918 3072

Eirhost Web Hosting
No reviews · Web Hosting Company
Dublin 15 · (01) 254 2304
Open until 17:00

More places

Github Pages



What is GitHub Pages?

Github Address

username.github.io/repo-name

domhnallohanlon.github.io/website

Github Pages + Your Domain Name

CNAME

<https://help.github.com/articles/setting-up-an-apex-domain/>

IP Addresses (for you Registrar)

- 192.30.252.153
- 192.30.252.154

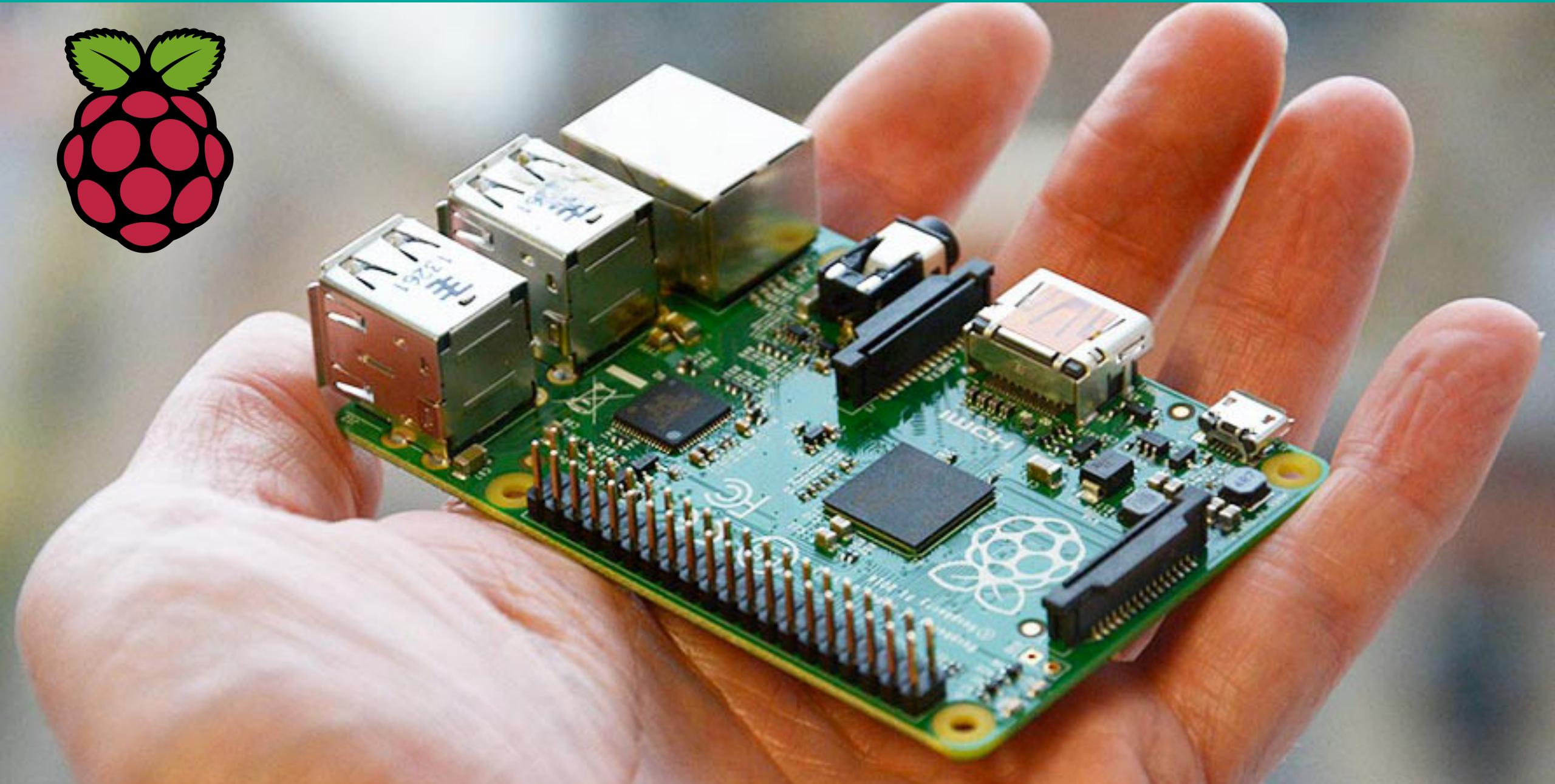
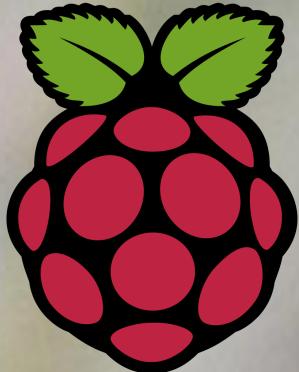
Other Frameworks

Bootstrap

Zurb Foundation

Semantic-UI

“Free” Alternatives



Demos

