JavaScript

REVOLUTION

msnbc

Sign in | Register

Explore | Watch | Join In | Speak Out

Latest | Hillary Clinton | ISIS | Know Your Value | Obamacare | Where Are They Now | Selr

FRAT SHUT DOWN

'Unacceptable' video shows members singing racist slurs

By Michele Richinick

NETFLIX Browse Personalize

1913 | NR | 54 minutes

Part one of this silent epic follows the crime lord Fantômas as he's pursued by the equally resourceful inspector Juve and journalist Jerôme Fandor. More info

Play | + My List

GROUPON

Home | Local | Restaurants | Beauty & Spas | Goods | Getaways | Clearance | Coupons | Taste of Groupon

Save Up to $100!

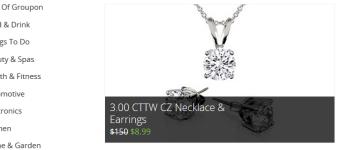
Extra 10% Off International Getaways

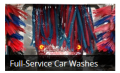
Use Code: GLOBE10

VIEW DEALS

Taste Of Groupon
Best Of Groupon
Food & Drink
Things To Do
Beauty & Spas
Health & Fitness
Automotive
Electronics
Women
Home & Garden

Recommended For You





Aromatherapy Massages

Mspirity

Baltimore

Online Bartending Course

Express Bartender

Aubert Freres Alton Men's Watch

Ferrari or Lamborghini Drive

Gotham Dream Cars

Ripken Stadium

FORECASTS | MAPS | VIDEO | PHOTOS | NEWS | TV | HURRICANES

The Weather Channel | 40° Annapolis, MD | 40° Edgewater, MD

Annapolis, MD (21401)

40°F

Sunny

51° / 35°

Full Forecast

Spring Fever: Enjoy it While it Lasts!

Check Your Forecast

Big Warm-Up, Big Problems

ANOTHER Snowmaker?

'..Not the Smartest Thing...'

Wet Weather to Last For Days

This is Guaranteed to Cure Your Case of the Mondays

15 Cities That Will Transport You Back in Time

Dead Man's Catwalk Is As Pretty As It Is Illegal

Huffington Post

Prince's Tomb Found, Here's What's Inside

NBC News

Weather Radar & Maps

airbnb

Sign Up | Log In | Help | List Your Space

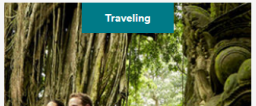
WELCOME HOME

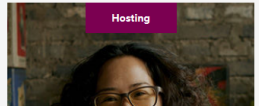
Rent unique places to stay from local hosts in 190+ countries.

How It Works

Where do you want to go? | Check In | Check Out | 2 Guests | Search

Our Community





The JavaScript Revolution

- What is it?
- Who's driving it?
- Why is it important?
- Why should we care?

Don’t panic, we’re not going to get technical...

A (very) brief background of JavaScript

- Invented at Netscape in 1995 as a scripting language for non-professional programmers
- Allows “dynamic” pages
- Initially viewed as a “gimmick”, used mostly for form validation
- Client-side vs. server-side

State of the Web circa 1996

[Text version]

[Library header]

Search White House Press Releases, Radio Addresses, Photos and Web Pages

1. To search White House Press Releases, Radio Addresses, Photos and Web Pages, enter a TERM or PHRASE in the box below which describes your topic of interest (for example, "social security benefits for retired people").

TERM/PHRASE

2. Adjust the START and END dates to limit your search to a specific timeframe. Select from the ITEMS list the number of documents to return from each, then indicate the order in which your results will appear. By "DATE" will return the most recent documents first. By "RELEVANCE" will return the most relevant documents first.

START DATE
01 19 1993

END DATE
12 27 1996

ITEMS RETURNED FROM EACH CATEGORY
10

SORT ORDER
(•) DATE ( ) RELEVANCE

Reset this search form | Submit this search form | Start with a new search form

[Footer icon]

[White House icon] [Virtual Library icon] [Help Desk icon]

To comment on this service: *feedback@www.whitehouse.gov*

State of the Web circa 1996

Welcome! **First-time** users register here or take a QuickTour of the site.

JOIN THE DISCUSSION IN THE NEW Forums

The New York Times ON THE WEB

knicks NEW! celtics one on one newyork.boston.com

"All the News That's Fit to Print" Wednesday, December 18, 1996

SECTIONS
- Front Page • CyberTimes
- Politics • Business
- Editorials/Letters • Op-Ed
- Arts & Leisure • Travel
- Real Estate • Job Market
- Diversions • Web Specials

NEWS BY CATEGORY

CLASSIFIEDS | FORUMS

SERVICES | SEARCH

TABLE OF CONTENTS

Some Hostages Released in Peru

LATE NEWS UPDATE

Veteran F.B.I. Agent Arrested on Charges Of Spying for Russia

IN CYBERTIMES

Calligraphy Slips In Japan, Pushed By the Computer

GENERAL STORE
WHERE CAN I GET THAT?

Help Center | Low Graphics

FREE personalized daily technology news!
Click here

PATHFINDER Personal Edition

Copyright 1996 The New York Times

Flash forward to today…

- Majority of sites use at least some JavaScript
- Sites are expected to be responsive and dynamic
- The distinction between “applications” and “websites” is blurry
- “Full-stack” JavaScript
- “Cloud” philosophy is the dominant paradigm on the Web

How to recognize a JavaScript web application in the wild...

MYRTLE WARBLER.

655. *Dendroica coronata.* 5½ inches.

Yellow patches on crown, sides and rump; outer tail feathers with large white spots; female duller and browner.

During migrations these pretty birds are very abundant in the United States. They usually travel in large flocks so that a small piece of woodland is literally flooded with them when they pause in the flight to feed upon insects or small berries. They are often known as Yellow-rumped Warblers.

Song.—A clear, broken trill or warble.

Nest.—Usually in coniferous trees, though sometimes in others, and at low elevations; of plant fibres and grasses; the four or five eggs are white, spotted and blotched with reddish brown (.70 x .54).

Range.—Eastern N. A., breeding from northern New England and Minnesota northward; winters south of the U. S.

154

- JS used for “heavy-lifting”
- Modular
- Dynamically-generated content
- Highly interactive

…but why JavaScript?

- Event-based programming
- Technical stuff: closures, prototypes, promises, non-blocking code
- It looks like C…
- …but it’s a “front-end” language
- open source, lightweight and standardized

node
JS

mongoDB

ember

GRUNT

jQuery
write less, do more.

git

NGULARJS
by Google

Sass

YEOMAN

BACKBONE.JS

B

KARMA

Bower
A package manager
for the web
By Twitter

Who's using this stuff?

- Nasa
- MSNBC
- Weather.com
- Youtube
- Netflix
- LinkedIn
- USA Today
- AirBnB
- Wal-Mart
- Groupon
- Pandora
- Wikipedia

Why is this a big deal?

- No more development “silos”
- Applications are websites are applications
- Responsiveness is more than a euphemism
- Every user device is a server
- This is the prologue to Web 3.0

What can this do for us? Why should we care?

- It’s already here. The early adopters have already adopted. The revolution happened and JavaScript won.
- We’re science communicators. Staying apace with technology is key to our credibility.
- Responsive, data-rich, interactive sites pull people in and keep them coming back.
- The kind of development this encourages is modular, scalable, faster, and easier to manage and update.