

It was the best
of times, it was
the worst of
times...



Raymond Camden



Developer Evangelist for HERE



Working on Enterprise Map Demos of Cats



Second best “Just Dance 2019” player (in my house)



Blogging at raymondcamden.com



Tweeting at [@raymondcamden](https://twitter.com/raymondcamden)







BASIC PROGRAMMING REFERENCE MANUAL



```
118 PRINT 2+3  
29 PRINT 2-3  
  
RUN  
322  
?SYNTAX ERROR IN 18  
18
```

Try typing the following lines:

```
10 PRINT 2+3  
20 PRINT 2-3
```

Try typing the following lines:

10 PRINT 2+3

20 PRINT 2-3

(Remember, each line must be terminated by pressing the RETURN key.)

The University of Southwestern Louisiana

P.O. Box 41008, 104 University Circle, Lafayette, LA 70504-2008, 318-482-1000



Welcome to USL's Home Page!

- [About USL](#)
- [Prospective Students](#)
- [Academics & Research](#)
- [People](#)
- [Departments & Organizations](#)
- [Ragin' Cajun Athletics](#)
- [Alumni](#)
- [News & Publications](#)
- [Community Services](#)

NCSA X Mosaic 2.7b6 [Hypertext and WWW information]

File Options Navigate Annotate News Help

URL: <http://weboffice-old.web.cern.ch/WebOffice-Old/www0/Welcome.html>



Hypertext and WWW information

Sorry, the **hypertext** and **WWW** information is no longer available on the info.cern.ch site.
The physical machine no longer exists. Please refer to one of the new sites described below.

You are now looking at a page of the [CERN](#) site.
We still have information on [HTML tools and conversion software](#).
For other information you can try the [World-Wide Web Consortium](#) site or the [WWW Virtual Library](#).

About the World Wide Web

The Web originated with [Tim Berners-Lee](#) at CERN, the [European Laboratory for Particle Physics](#), in 1990.

Web Consortium

The development of the Web technology is currently driven by the [World-Wide Web Consortium](#), W3C, , which is hosted by [MIT/LCS](#) in the US, [INRIA](#) in Europe, and [Keio](#) University in Japan.

Web Conferences

The International WWW Conferences are organised by the [IW3C2](#) where you can find latest info on them.

R. Cailliau, Web Office, CERN.

100%





Location: about:

What's New! What's Cool! Handbook Net Search Net Directory Software



Netscape Navigator™ Version 2.02

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RAY CAMDEN

Ray serves as a programmer and layout artist. He is adept in CGI and JAVA programming, as well as HTML and technical writing. Ray holds a B.A. in English with a Minor in Computer Science from the University of Southwestern Louisiana. Mr. Camden has designed Web sites for U.S.L. and has earned national recognition in the magazine Yahoo Internet Life for his project, "The Death Clock." Ray's technical expertise and creative flair make him an important addition to our creative team. Ray's favorite saying is: "May the force be with you always."

HOME



Obituaries

Your Will

The Mortuary

Dead Letter Office

Testament

Your Prayer

Advertisement

**BUY OFFICIAL
your own
DEATHCLOCK**

Death Clock: The Internet's friendly reminder that life is slipping away...

The Death Clock

Welcome to the Death Clock, the Internet's friendly reminder that life is slipping away... second by second. Like the hourglass of the Net, the Death Clock will remind you just how short life is.



Enter Your Information: Buy your own
Death Clock

Day of Birth:

Month of Birth:

Year of Birth:

Sex:

Mode:

Created by: Raymond Camden
Site Design by Chris Harrington
Copyright © 1996-1999. All Rights Reserved.

To view your Death Clock, simply enter your birth date and sex in the form below and hit the Death Clock button. The Pessimistic and Sadistic buttons are alternate forms of the Death Clock with differing readouts. The Death Clock [requires JavaScript](#).

Breaking News!

Nine out of ten scientists believe that life is, except in rare circumstances, completely fatal.

Last update: September 1, 1999

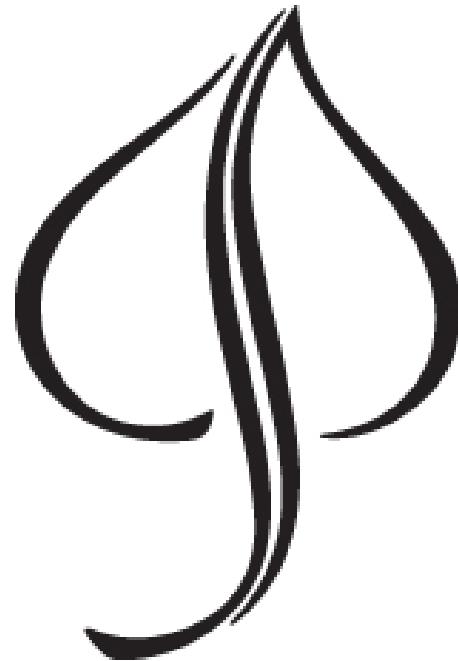
Still... **SINGLE?**





Imagine a random IE meme
here because frankly there's
more than enough blame to
go around for crap on the
web...





**ASPEN
SNOWMASS.®**



Web 2.0

A cloud of orange text tags surrounding the central "Web 2.0" title, including:

- Aggregators, Wikis, User Centered Joy of Use
- Blogs, Participation, Six Degrees, Usability, Widgets
- Recommendation, Social Software, FOAF, Browser
- Videocasting, Podcasting, Sharing, Collaboration, Perpetual Beta, Simplicity, AJAX
- Audio, Video, Convergence, Design, CSS, Pay Per Click
- UMTS, Mobility, Atom, XHTML, SVG, Ruby on Rails, vc, Trust, Affiliation
- OpenAPIs, RSS, Semantic, Web Standards, SEO, Economy
- OpenID, Remixability, REST, Standardization, The Long Tail
- DataDriven, Accessibility, XML
- Modularity, SOAP, Microformats, Syndication

Home / Technologies /

Spry framework for Ajax



SPRY

[Learn More](#)

Note: The Spry features in Dreamweaver CS4 use the latest Spry version: 1.6.1.

The Spry framework for Ajax is a JavaScript library that provides easy-to-use yet powerful Ajax functionality that allows designers to build pages that provide a richer experience for their users. It is designed to take the complexity out of Ajax and allow designers to easily create Web 2.0 pages.

The Spry framework is a way to incorporate XML, JSON or HTML data into pages using HTML, CSS, and a minimal amount of JavaScript, without the need for refreshing the entire page. Spry also provides easy to build and style widgets,

Downloads

[Get pre-release 1.6.1 of Spry framework](#)

All Technologies

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[Durango](#)

[Flash Builder 4](#)

[Flash Catalyst](#)

[Flash Collaboration Service](#)

[Flash Player 10](#)

[Flex Builder for Linux](#)

[Flex 4 SDK](#)

[Hub](#)

[In-Context Editing](#)

[Jam Jar](#)

[Knowhow](#)

```
<script type="text/javascript" src="includes/xpath.js"></script>
<script type="text/javascript" src="includes/SpryData.js"></script>
<!-- load the xml, notice the xpath support --&gt;
&lt;script type="text/javascript"&gt;
var dsHatches = new Spry.Data.XMLDataSet("dharma.xml", "hatches/hatch");
&lt;/script&gt;

<!-- now bind it to an html table --&gt;
&lt;div id="Hatches_DIV" spryregion="dsHatches"&gt;
<!-- Display the data in a table --&gt;
&lt;table&gt;
  &lt;tr&gt;
    &lt;th&gt;Hatch&lt;/th&gt;
    &lt;th&gt;Icon&lt;/th&gt;
    &lt;th&gt;Active&lt;/th&gt;
  &lt;/tr&gt;
  &lt;tr spryrepeat="dsHatches"&gt;
    &lt;td&gt;{hatch}&lt;/td&gt;
    &lt;td&gt;&lt;img src="/images/dharma/{icon}"&gt;&lt;/td&gt;
    &lt;td&gt;{active}&lt;/td&gt;
  &lt;/tr&gt;
&lt;/table&gt;
&lt;/div&gt;</pre>
```

HTML





This slideshow wants to:

SHOW NOTIFICATIONS

No...

Hell No...



This slideshow wants to:

SHOW NOTIFICATIONS

No...

Hell N

Hi! Instead of actually reading the content that brought you here, wouldn't you rather subscribe to my email list instead?

YES!!!!!!

No, I hate
kittens

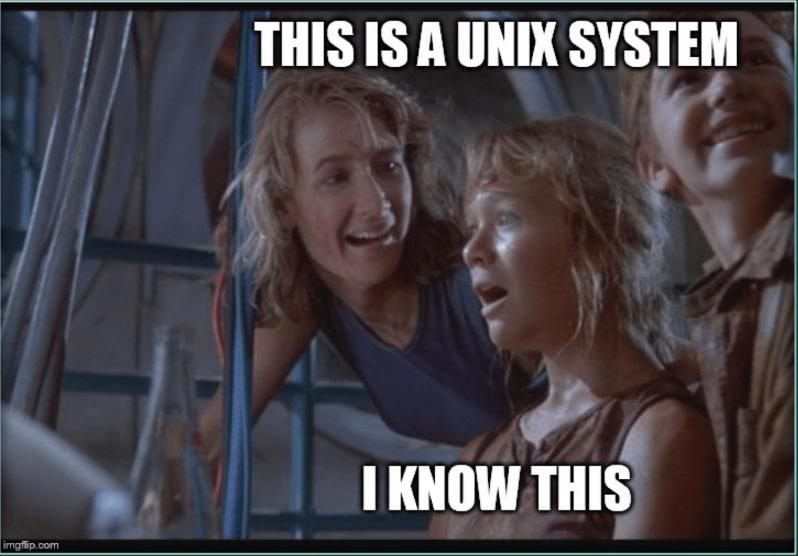
Except...





What if I want to know...

- What does my browser support in terms of HTML tags?
- What does my browser support in terms of CSS?
- What does my browser support in terms of JavaScript syntax?
- What does my browser support in terms of APIs?
- How does my browser behave in particular situations?



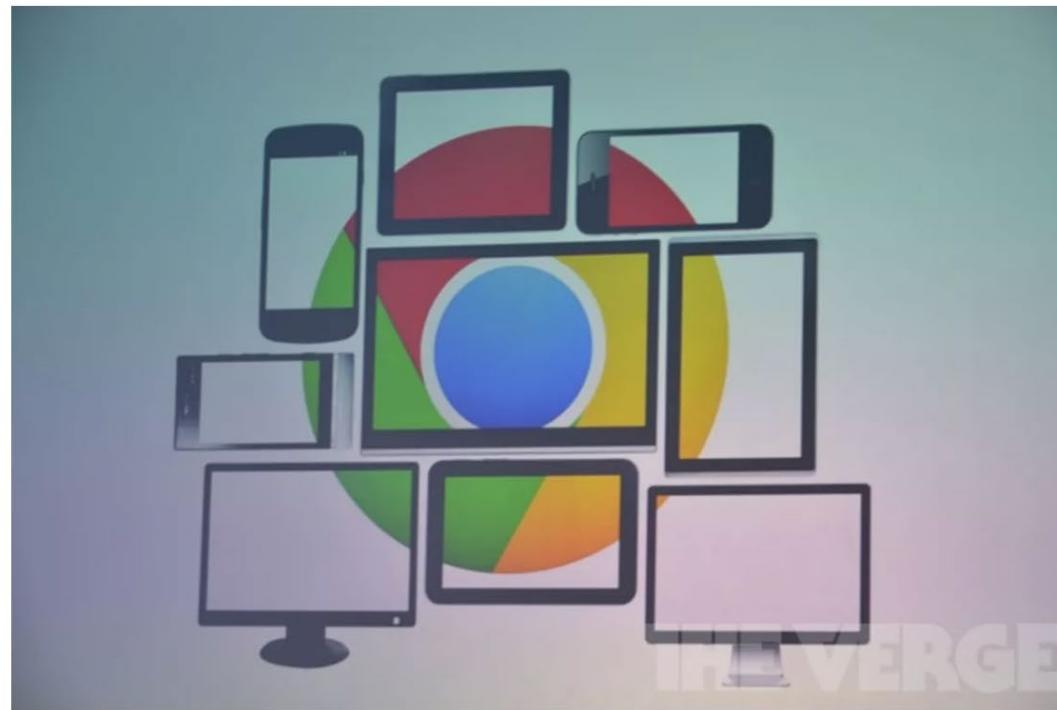
Even more what if?

- Developer side
- Consumer side

Chrome will mark all HTTP sites as 'not secure' starting in July

Google sends a nudge toward the unencrypted web

By Russell Brandom | Updated Feb 8, 2018, 1:21pm EST



Starting in July, Google Chrome will mark all HTTP sites as "not secure," according to [a blog post](#) published today by Chrome security product manager Emily Schechter. Chrome currently displays a neutral information icon, but starting with version 68, the browser will warn users with an extra notification in the address bar. Chrome currently marks HTTPS-encrypted sites with a green lock icon and "Secure" sign.



GOOD DEALS



The Moto G7, our favorite budget phone, is cheaper than usual at Amazon



Geolocation (as an example)

- It just worked
- Then it required a prompt
- Then it stopped working on http (except localhost)

My Assumption...

- Every browser vendor has a simple to find location that tells me every aspect of it's platform in an easy to read format that clearly specifies when things changed

The reality...

- No

My Test

- What changed in this version of the browser?
- Can I use the <foo> tag?
- How many cookies can I store per site?







69.0.1

Firefox Release
September 18, 2019

Version 69.0.1, first offered to Release channel users on September 18, 2019

✓ Fixed

Fixed external programs launching in the background when clicking a link from inside Firefox to launch them ([bug 1570845](#))

Usability improvements to the Add-ons Manager for users with screen readers ([bug 1567600](#))

Fixed the Captive Portal notification bar not being dismissable in some situations after login is complete ([bug 1578633](#))

Fixed the maximum size of fonts in Reader Mode when zoomed ([bug 1578454](#))

Fixed missing stacks in the Developer Tools Performance section ([bug 1578354](#))

[Security](#) and stability fixes

Developer



[Developer Information](#)

Firefox 69 for developers

Jump to: [Changes for web developers](#) [Changes for add-on developers](#) [See also](#) [Older versions](#)

Mozilla > Firefox >

[Firefox developer release notes](#) >

[Firefox 69 for developers](#)

Related Topics

- ▶ [Firefox developer release notes](#)
- ▶ [Add-ons](#)
- ▶ [Firefox internals](#)
- ▶ [Building and contributing](#)

This article provides information about the changes in Firefox 69 that will affect developers.

Firefox 69 was released on September 3, 2019.

Changes for web developers

Developer tools

Debugger

- [Event Listener Breakpoints](#) let you diagnose which code a page executes in response to browser events. You can pick specific types, such as `click` or `keydown`, or whole categories of events, like all mouse input events. ([bug 1526082](#)).
- Scripts shown in the debugger's [source list pane](#) can now be saved via the *Download file* context menu option ([bug 888161](#)).
- In the debugger's source list pane, loaded extensions are listed with their name, rather than just their UUID ([bug 1486416](#)), making it much easier to find the extension code you want to debug.
- The debugger now loads significantly faster via lazy-loading scripts ([bug 1527488](#)).

Console

- Browser Console messages from [tracking protection errors](#), [CSP errors](#), and [CORS errors](#) are grouped automatically to reduce noise from repeated blocked resources and storage access ([bug 1522396](#)).
- All visible logs in the console can be shared by saving to a file or copying to clipboard via a new *Export visible messages* to context menu item ([bug 1517728](#)).
- The console's toolbar now responsively reduces its height into a single row to save vertical space ([bug 972530](#)).
- Messages from content can now be hidden in the console to focus on logs from the Firefox UI ([bug 1523842](#)).



Firefox Support

Find help...



Frequent Topics

Explore the knowledge base.



Basic browsing



Install and update



Sync and save



Chat and share



Protect your privacy



Manage preferences and add-ons



Fix sluggishness, crashing, error messages and other problems

Ask the Community



Our support forums are a great place to ask a question, learn and discover new ways to use Firefox.

ASK A QUESTION >

[All](#) [Videos](#) [News](#) [Images](#) [Shopping](#) [More](#) [Settings](#) [Tools](#)

About 49,300,000 results (0.80 seconds)

[HTML elements reference - HTML: Hypertext Markup ...](#)

<https://developer.mozilla.org> › docs › Web › HTML › Element ▾

Jun 6, 2019 - This page lists all the **HTML elements**, which are created using **tags**. They are grouped by function to help you find what you have in mind ...

[Html](#) · [: The Shadow DOM](#) ... · [HTML: Hypertext Markup](#) ... · [Div](#)

People also ask

[What are the types of HTML tags?](#) ▾

[What are the different image formats supported by HTML?](#) ▾

[How do you align text in HTML?](#) ▾

[What are interactive elements in HTML?](#) ▾

[Feedback](#)

[HTML: Hypertext Markup Language | MDN](#)

<https://developer.mozilla.org> › en-US › docs › Web › HTML ▾

Sep 5, 2019 - An **HTML element** is set off from other text in a document by "**tags**", which consist of the **element name** surrounded by "<" and ">". The name ...

[: The Image Embed element - HTML: Hypertext Markup ...](#)

<https://developer.mozilla.org> › docs › Web › HTML › Element › img ▾

Jump to **Supported image formats** - The **HTML** standard doesn't list what image formats to support, ... A complete guide to image formats **supported** by web browsers is available. ...
image/apng .apng, Chrome, Edge, **Firefox**, Opera, Safari.

[Image loading errors](#) · [Attributes](#) · [Styling with CSS](#) · [Accessibility concerns](#)

[Handling common HTML and CSS problems - Learn web ...](#)

<https://developer.mozilla.org> › ... › Tools and testing › Cross browser testing ▾

5 days ago - This includes linting **code**, handling CSS prefixes, using browser dev tools to track down problems, using polyfills to add **support** into browsers, ...

References:

▼ HTML elements

<a>
<abbr>
⚠ <acronym>
<address>
⚠ <applet>
<area>
<article>
<aside>
<audio>

<base>
⚠ <basefont>
<bdi>
<bdo>
⚠ ⚠ <bgsound>
⚠ <big>
⚠ <blink>
<blockquote>
<body>

<button>
<canvas>
<caption>
⚠ <center>
<cite>
<code>
<col>
<colgroup>
⚠ <command>

 | cookies

Results

1005 documents found for "cookies" in English (US). Showing results 1 to 10.

Docs

Cookies Preferences in Mozilla

(The old prefs are `network.cookie.lifetime.enabled`, `network.cookie.lifetime.behavior`, and `network.cookie.warnAboutCookies`...
`network.cookie.cookieBehavior` Default Value: 0 0 = accept all **cookies** by default 1 = only accept from...
`network.cookie.alwaysAcceptSessionCookies` Default Value: false Only used if `network.cookie.lifetimePolicy`...the originating site (block third party **cookies**) 2 = block all **cookies** by default 3 = use p3p settings...from trackers `network.cookie.lifetimePolicy` Default Value: 0 0 = Accept **cookies** normally 1 = Prompt
developer.mozilla.org/en-US/docs/Mozilla/Cookies_Preferences

All Topics

Topics

<input checked="" type="checkbox"/> APIs and DOM	569
<input type="checkbox"/> Add-ons & Extensions	692
<input checked="" type="checkbox"/> CSS	6
<input type="checkbox"/> Canvas	0
<input type="checkbox"/> Firefox	46
<input type="checkbox"/> Firefox OS	10
<input type="checkbox"/> Games	0
<input checked="" type="checkbox"/> HTML	14
<input checked="" type="checkbox"/> HTTP	273
<input checked="" type="checkbox"/> JavaScript	24
<input type="checkbox"/> Marketplace	1

network.cookie.maxNumber

Default Value: 1000

Configures the maximum amount of cookies to be stored

Valid range is from 0-65535, [RFC 2109](#) and 2965 require this to be at least 300

network.cookie.maxPerHost

Default Value: 50

Configures the maximum amount of cookies to be stored per host

Valid range is from 0-65535, [RFC 2109](#) and 2965 require this to be at least 20

Search: network.cookie.max

Preference Name	Status	Type	Value
network.cookie.maxNumber	default	integer	3000
network.cookie.maxPerHost	default	integer	180



About Chrome



Google Chrome



Google Chrome is up to date

Version 77.0.3865.90 (Official Build) (64-bit)

Get help with Chrome



Report an issue



Google Chrome

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Google Chrome is made possible by the [Chromium](#) open source project and other [open source software](#).

[Google Chrome Terms of Service](#)



How can we help you?

Describe your issue

Popular articles

- [Update Google Chrome](#)
- [Remove unwanted ads, pop-ups & malware](#)
- [Clear browsing data](#)
- [Fix "Aw, Snap!" page crashes and other page loading errors](#)
- [Use or fix Flash audio & video](#)

Get started with Chrome

Browse the web

Create & personalize a profile

Let Chrome do tasks for you

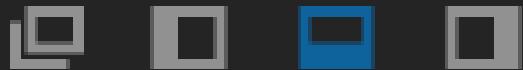
Delete your history & activity

Control your safety & privacy

Use Chrome with another device

Change Chrome settings

Dock side



Show console drawer Esc

Search Ctrl + Shift + F

Run command Ctrl + Shift + P

Open file Ctrl + P

More tools ▶

Shortcuts

Settings F1

Help ▶

Documentation

Release notes



Login

Disrupt SF 2019

Startups
Apps
Gadgets



De beste VPS
voor techies

Start nu jouw gratis maand

Probeer
1 maand
gratis

AdChoices

Where top VCs are investing in edtech

Eric Peckham

Disrupt SF 2019

Elements Console Sources Network Performance Memory Application Security Audits SchemaDump

```
<!doctype html>
<html lang="en-US" class="no-js wf-aktivgrotesk-n4-active wf-aktivgrotesk-i4-active wf-aktivgrotesk-n7-active wf-aktivgrotesk-i7-active wf-aktivgrotesk-n3-active wf-aktivgrotesk-i3-active wf-aktivgrotesk-n8-active wf-aktivgrotesk-i8-active wf-active">
  ><head>...</head>
...<body class=" ...>
  <span id="uacFocusPlaceholder" tabindex="-1"></span>
  <iframe width="0" height="0" name="__cmpLocator" style="display: none;">...</iframe>
  <div id="root">...</div>
  <!--end #root-->
  <noscript style="display:none;">...</noscript>
  <script type="text/javascript">...</script>
  <script id="parsely-cfg" data-parsely-site="techcrunch.com" src="//d1z2jf7jlzjs58.cloudfront.net/keys/techcrunch.com/p.js?tc_ver=20191003"></script>
  <script type="text/javascript" src="https://use.typekit.net/sv7knm.js?ver=20191003"></script>
  <script type="text/javascript">
    try{Typekit.load({ async: true });}catch(e){}
  </script>
```

Styles Computed Event Listeners

Filter :hov .cls +

```
element.style { }
body { font-size: 1rem/1.77 Helvetica, Arial, sans-serif; }
body { margin: 0; }
*, :after, :before { background-repeat: no-repeat; -webkit-box-sizing: inherit; }
```

html body

Console What's New

Highlights from the Chrome 77 update

Right-click an element in the DOM Tree and select Copy > Copy Styles.

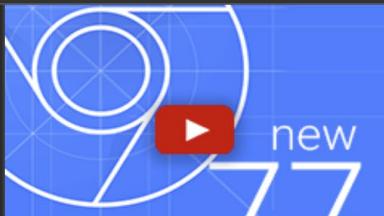
Visualize layout shifts

Press Control+Shift+P, run Show Rendering, and enable Layout Shift Regions to visualize content shifts.

Lighthouse 5.1 in the Audits panel

New audits for checking for PWA installability on iOS, keeping resource counts low, and more.

OS theme syncina





Updates

Featured By Year By Tag

Capabilities

Web Updates (2019)

All Articles

September

August

July

New in Chrome 76

The Chromium Chronicle: Test your Web Platform Features with WPT

What's New In DevTools (Chrome 77)

Audio/Video Updates in Chrome 75

Web Components update: more time to upgrade to v1 APIs

Image Support for the Async Clipboard API

June

May

April

March

February

January

Web Updates (2018)

Web Updates (2017)

Web Updates (2016)

Web Updates (2015)

Web Updates (2014)

Web Updates (2013)

Web Updates (2012)

Web Updates (2011)

Register for this year's #ChromeDevSummit happening on Nov. 11-12 in San Francisco to learn about the latest features and tools coming to the Web. Request an invite on the [Chrome Dev Summit 2019 website](#)

Home > Products > Web > Updates > By Year

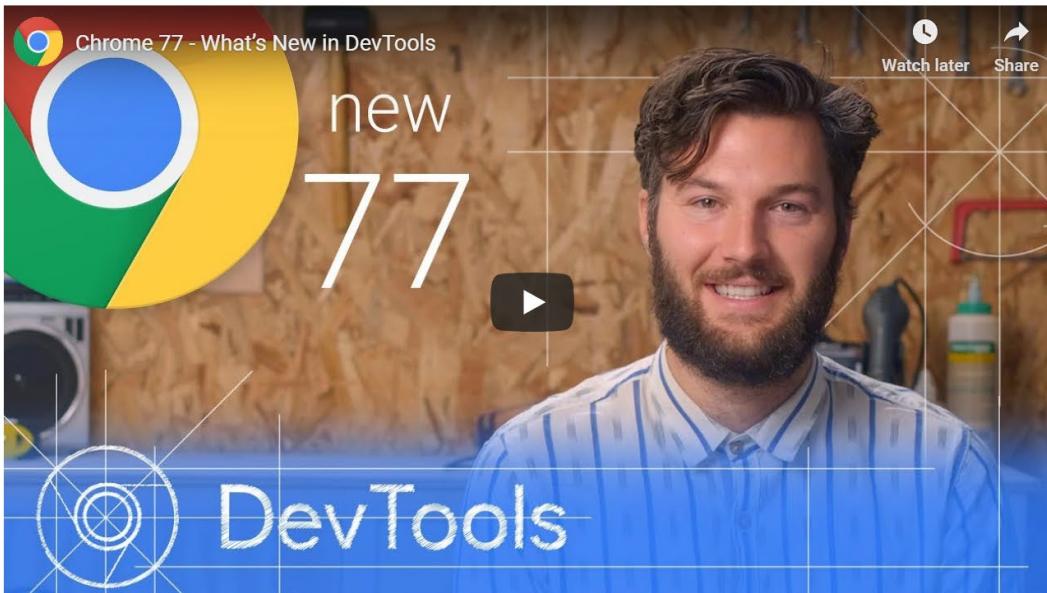


What's New In DevTools (Chrome 77)



By Kayce Basques

Technical Writer, Chrome DevTools & Lighthouse



Copy element's styles

Right-click a node in the DOM Tree to copy that DOM node's CSS to your clipboard.

Contents

Copy element's styles

Visualize layout shifts

Lighthouse 5.1 in the Audits panel

OS theme syncing

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Prefetch cache in Network panel

Private properties when viewing objects

Notifications and push messages in the Application panel

Feedback

Consider Canary

Discover other DevTools features

Tools for Web Developers

[Home](#) [Chrome DevTools](#) [Lighthouse](#) [Puppeteer](#) [Workbox](#) [Chrome User Experience Report](#)[Home](#)

- [Open DevTools](#)
- ▶ [CSS](#)
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- ▶ [Extend DevTools](#)

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[Home](#) > [Products](#) > [Web](#) > [Tools for Web Developers](#) > [Chrome DevTools](#)



Chrome DevTools

Chrome DevTools is a set of web developer tools built directly into the [Google Chrome](#) browser. DevTools can help you edit pages on-the-fly and diagnose problems quickly, which ultimately helps you build better websites, faster.

Check out the video for live demonstrations of core DevTools workflows, including debugging CSS, prototyping CSS, debugging JavaScript, and analyzing load performance.



Open DevTools

There are many ways to open DevTools, because different users want quick access to different parts of the DevTools UI.

- When you want to work with the DOM or CSS, right-click an element on the page and select **Inspect** to jump into the **Elements** panel. Or press Command+Option+C (Mac) or Control+Shift+C (Windows, Linux, Chrome OS).
- When you want to see logged messages or run JavaScript, press Command+Option+J (Mac) or Control+Shift+J (Windows, Linux, Chrome OS) to jump straight into the **Console** panel.

See [Open Chrome DevTools](#) for more details and workflows.

Get started

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- [Open DevTools](#)
- [Get started](#)
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- [Device Mode](#)
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Web Fundamentals

Google's opinionated reference for building amazing web experiences.

Guides Code Labs Samples

Overview

Architectural Patterns

Design & User Experience

Integration & Engagement

Media & VR

Performance

Security

Base Technologies

Glossary

Register for this year's #ChromeDevSummit happening on Nov. 11-12 in San Francisco to learn about the latest features and tools coming to the Web. Request an invite on the [Chrome Dev Summit 2019 website](#)

The core foundations of a delightful web experience are...

- ✓ **Fast** - It responds quickly to user interactions with silky smooth animations and no janky scrolling.
- ✓ **Integrated** - The user doesn't have to reach through the browser, it uses the full capabilities of the device to create an experience true to the device.
- ✓ **Reliable** - Load instantly and reliably, never showing the downasaur, even in uncertain network conditions.
- ✓ **Engaging** - Keeps the user coming back to the app with beautifully designed experiences that look and feel natural.



Delightful web experiences are...



Fast

Users don't expect janky scrolling or slow load performance. Making your site fast is a process that



Integrated

User experiences on the web should feel like an integrated part of the user's device; instead of having



Base Technologies

- ▶ HTML & DOM
- ▶ JavaScript

Base Technologies



▼ HTML & DOM

▼ Web Components

Overview

Custom Elements v1: Reusable
Web Components

Shadow DOM v1: Self-
Contained Web Components

Best Practices

▶ Examples

▶ JavaScript

▼ JavaScript

Async Functions

Modules

Promises

▶ Service Workers

HTML Reference?

Cookies?

Search results for cookies

[View, Edit, And Delete Cookies With Chrome DevTools](#)

<https://developers.google.com/web/tools/chrome-devtools/.../cookies>

Learn how to view, edit, and delete a page's HTTP **cookies** using Chrome DevTools.

[Asynchronous Access to HTTP Cookies | Web | Google Developers](#)

<https://developers.google.com/.../asynchronous-access-to-http-cookies>

The **Cookie** Store API offers asynchronous access to HTTP **cookies**, and opens up the **cookie** jar to service workers.

[Network Analysis Reference | Tools for Web Developers](#)

<https://developers.google.com/web/tools/chrome.../reference>

To manually clear browser **cookies** at any time, right-click anywhere in the ... DevTools populates the autocomplete with all of the **cookie** domains that it has ...

[Measure Resource Loading Times | Tools for Web Developers](#)

<https://developers.google.com/web/tools/chrome.../resource-loading>

The Network panel records information about each network operation on a page, including detailed timing data, HTTP request and response headers, **cookies**, ...

[Goodbye Short Sessions: A Proposal for Using Service Workers to ...](#)

<https://developers.google.com/web/updates/2016/.../2-cookie-handoff>

It works by having a secondary long-lived token that can be used to refresh your existing short-lived authentication **cookie**. Leveraging the new service worker ...

[Offline Storage for Progressive Web Apps | Web Fundamentals ...](#)

<https://developers.google.com/web/fundamentals/.../offline-for-pwa>

Cookies have their uses but are synchronous, lack web worker support and are also size-limited. WebSQL does not have broad browser support and its use is ...

[Introduction to fetch\(\) | Web | Google Developers](#)

<https://developers.google.com/web/updates/.../introduction-to-fetch>

Should you want to make a fetch request with credentials such as **cookies**, you should set the credentials of the request to "include". `fetch(url, { credentials: ... })`

[Replay a network request in cURL | Web | Google Developers](#)

<https://developers.google.com/.../replay-a-network-request-in-curl>

We serve **cookies** on this site to analyse traffic, remember your preferences, and optimise your experience. See more detailsOK. Language: Bahasa Indonesia ...

Browser Cookie Limits

I have a requirement to store a large amount of data in cookies, to figure out if it will work here are my tests.

If all you care about is the conclusion, well here it is: If you want to support **most** browsers, then don't exceed **50 cookies per domain**, and don't exceed **4093 bytes per domain** (i.e. total size of all cookies <= 4093 bytes)

Your Browser Test Results

15:12:2.456: Starting

15:12:2.590: Count: Max Cookie count with Character Length 3 and character "1": 180

15:12:3.348: Size: Max Cookie Character Length using character "1": 4096

15:12:4.27: Count: Max Cookie count with Character Length 4096 and character "1": 180

15:12:4.495: Size: Max Cookie Character Length using character "ÿ": 2049

15:12:5.512: Count: Max Cookie count with Character Length 2049 and character "ÿ": 180

15:12:5.744: Count: Max Cookie count with Character Length 100 and character "1": 180

15:12:5.954: Count: Max Cookie count with Character Length 10 and character "1": 180

15:12:6.171: Count: Max Cookie count with Character Length 5 and character "1": 180

15:12:6.264: **Guessing Max Cookie Count Per Domain: 180**

15:12:6.264: **Guessing Max Cookie Size Per Cookie: 4096 bytes**

15:12:6.264: **Guessing Max Cookie Size Per Domain: NA**

Features: 1547

Filter



Subscribe

No active development
Proposed
In development
Deprecated

79 canary/dev
78 beta
77 stable
76
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IN DEVELOPMENT

<virtual-scroller>

DOM

The <virtual-scroller> element provides a scrolling "viewport" onto some content and allows extremely large numbers of items to be displayed without impacting performance.

@property

CSS

The @property rule is an alternative way to register a custom property, without JavaScript.

Waiting for a script to register a property may not be desirable in all cases. Depending on (async) circumstance, registering a property via CSS may be more appropriate than via JavaScript.

Accessible Object Model (AOM)

DOM

This effort aims to create a JavaScript API to allow developers to modify (and eventually explore) the accessibility tree for a document.

Adaptive-ptime Field in RTCConfiguration

JavaScript

Adds the adaptivePtime flag to the RTCConfiguration dictionary, which indicates that the audio frame length should be adaptive.

The default audio codec in WebRTC is Opus. By default, 20ms frames are produced, meaning 50 frames per second. Since Opus is adaptive, this flag is only relevant for other codecs.

Add dayPeriod option for Intl.DateTimeFormat

JavaScript

Add a dayPeriod option to Intl.DateTimeFormat() method so the caller can format times such as "7 in the morning", "11 in the evening", etc.

This enhances Intl.DateTimeFormat() to match what is already possible in C++ and Java by calling ICU and ICU4J. With this, the developer can now format time in a manner that is consistent across all platforms.

Add millisecondDigits option to Intl.DateTimeFormat

JavaScript

Enhance the Intl.DateTimeFormat API by adding a "millisecondDigits" option to control the format of fractions of a second.

The Date object in ECMAScript stores time information with millisecond precision. Some web developers need to output time in a specific format, such as "2019-01-01T12:00:00.123Z".

Add quarter option for Intl.DateTimeFormat

JavaScript

Add quarter option to the Intl.DateTimeFormat() method so the caller can format dates such as "Q2 2019", "3rd quarter 2019", etc.

This enhances Intl.DateTimeFormat() to match what is already possible in C++ and Java by calling ICU and ICU4J. With this, the developer can now format date in a manner that is consistent across all platforms.

Antialiased Clipping in Canvas

Graphics

The Canvas spec seems intentionally vague about the antialiasing of clips but: a) performing antialiased draws but aliasing the clip boundaries, and b) performing non-antialiased draws but aliasing the clip boundaries.

Autoupgrade Mixed Content (Experiment)

Security

This feature is an experiment (planned to be rolled to 1% of stable) to autoupgrade mixed content, different variations will be served based on user agent.

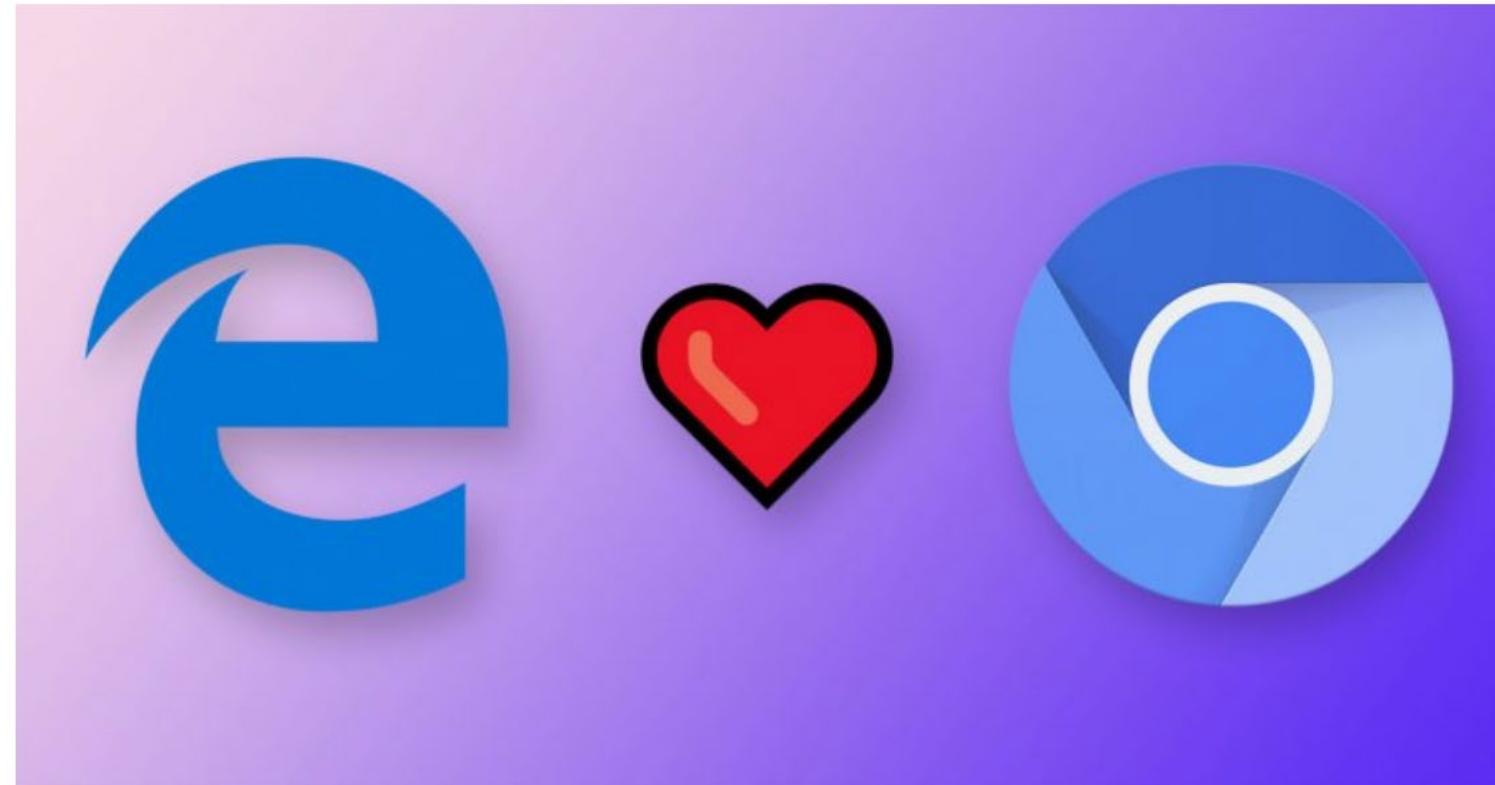
<https://www.chromestatus.com/features>



Microsoft Edge is officially switching to Chromium in 2019 – here's why that's a good thing



by NAPIER LOPEZ — 9 months ago in MICROSOFT



1,500
SHARES



<https://tnw.to/7S7GO>





Settings



Help and feedback



Help

F1

Close Microsoft Edge



Send feedback

Alt+Shift+I



Report unsafe site



What's new and tips



About Microsoft Edge

Straight from the cutting edge

We're building something new for Microsoft Edge every day. Learn more about our recent progress below, and find out how you can get involved.

[All](#) Try it Known issue Get involved



GET INVOLVED

Welcome to the first Beta channel update

Hello insiders and welcome to the first Beta channel update. This is the first Beta channel build that is based on Chromium 78, and it

[MORE](#)

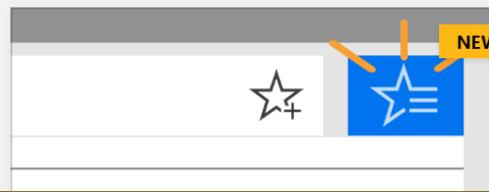
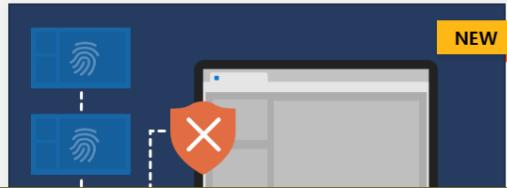


GET INVOLVED

See the top feedback we're hearing from you

Several weeks ago we shared the top feedback we're hearing from insiders on the Microsoft Edge Insider Forum, along with a

[MORE](#)





Kyle Pflug
@kylealden



Replying to @raymondcamden and @MSEdgeDev

Right now we're providing release notes with each Dev channel release in the Insider forums:
techcommunity.microsoft.com/t5/Microsoft-Edge-Insider-Builds/bd-p/100000000000000000 (e.g.
techcommunity.microsoft.com/t5/Discussions/bd-p/100000000000000000)



Dev channel update to 79.0.279.0 is live

Hello insiders, today we're releasing build 79.0.279.0 to the Dev Channel! It's another small change list this week as we begin ...
techcommunity.microsoft.com/t5/Discussions/dev-channel-update-to-79-0-279-0-is-live/bd-p/100000000000000000

1:30 PM · Sep 27, 2019 · Twitter Web App



IndexedDB on iOS 8 - Broken Bad

BY RAYMOND CAMDEN ON SEPTEMBER 25, 2014 | 0 COMMENTS

Let me begin by saying that credit for this find goes to [@jonnyknowsbest](#) on Twitter and his SO post here: [Primary Key issue on iOS8 implementation of IndexedDb](#). I did my research into this issue early this morning and I hope that I, and jonny, are both wrong. I'd love to be wrong about this. Unfortunately, I don't think that is the case.

So, as you know, iOS 8 finally brought IndexedDB to Mobile Safari. I may be biased, but I find features like this far more useful than CSS updates. Not to say that I don't appreciate them, but to me, deep data storage on the client is something that is more practical and useful to more people. Of course, I work for a company that is all about designers and not developers, so what do I know? ;)

[←](#) **Maximiliano Firtman @  Boston** 

15.2K Tweets



TC 10:02:23:18
R 2h32m
PH1080
PORTrait
VAR
ISO 400
ND1

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Maximiliano Firtman @  Boston 

@firt

mobile+web+pwa+performance author+speaker+trainer. Author of Hacking Web Performance from O'Reilly | firt.mobi | En español: [@maxifirtman](#)

⌚ Usually on a Plane [firt.mobi](#)  Joined November 2008

825 Following **19K** Followers

 Followed by CFP Land, Marta Wiśniewska , and 213 others you follow

@firt

iPhone 11, iPadOS and iOS 13 for PWAs and web development



Maximiliano Firtman Following

Sep 19 · 19 min read



& **iPadOS**
for **PWA**

<https://medium.com/@firt/iphone-11-ipados-and-ios-13-for-pwas-and-web-development-5d5d9071cc49>

It's incredible it's been 9 years since my first post discovering what's new in a version of Safari for iOS. More incredible is that Apple is not doing a better job documenting and explaining the differences today. In fact, I think it's much worse right now.

Safari Release Notes

Learn about changes for Safari for iOS and macOS, Web Inspector, WebKit view for iOS and macOS, and Safari view for iOS.

[On This Page](#)
[Overview](#) ⓘ
[Topics](#) ⓘ

Overview

Safari is a web browser app and web technology platform available on iOS and macOS. It is built on WebKit, a fast open-source web rendering engine that implements web standards. Safari includes Apple web innovations such as Intelligent Tracking Prevention, Reader mode, Safari App Extensions, and Web Inspector.

Topics

Version 13

[Safari 13 Release Notes](#)

Update your apps to use new features and test your apps against API changes.

Version 12

[Safari 12.1 Release Notes](#)

Update your apps to use new features and test your apps against API changes.

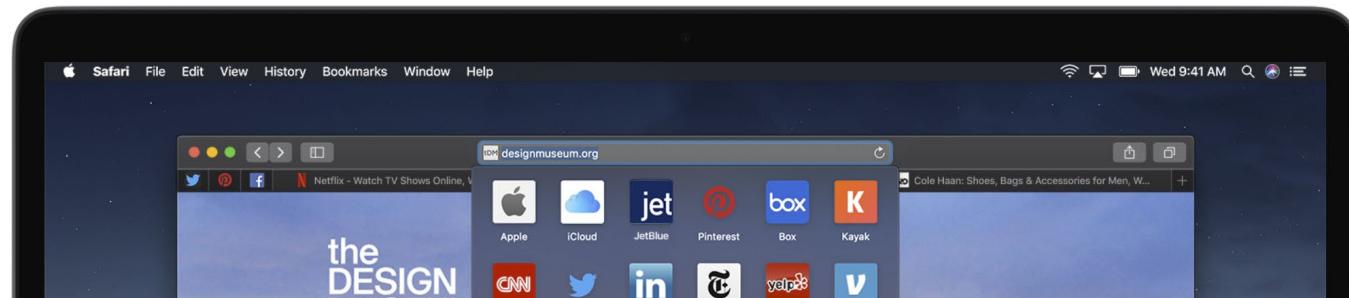
[Safari 12 Release Notes](#)

Update your apps to use new features, and test your apps against API changes.



Safari for Developers

Safari is the best way to see the sites on iPhone, iPad, and Mac. Thanks to blazing-fast performance and industry-leading energy efficiency, hundreds of millions of users enjoy exploring the web with Safari. Take advantage of powerful new features, advanced developer tools, and cutting edge technologies in Safari to deliver the best-in class websites and apps.



Final thoughts...

