

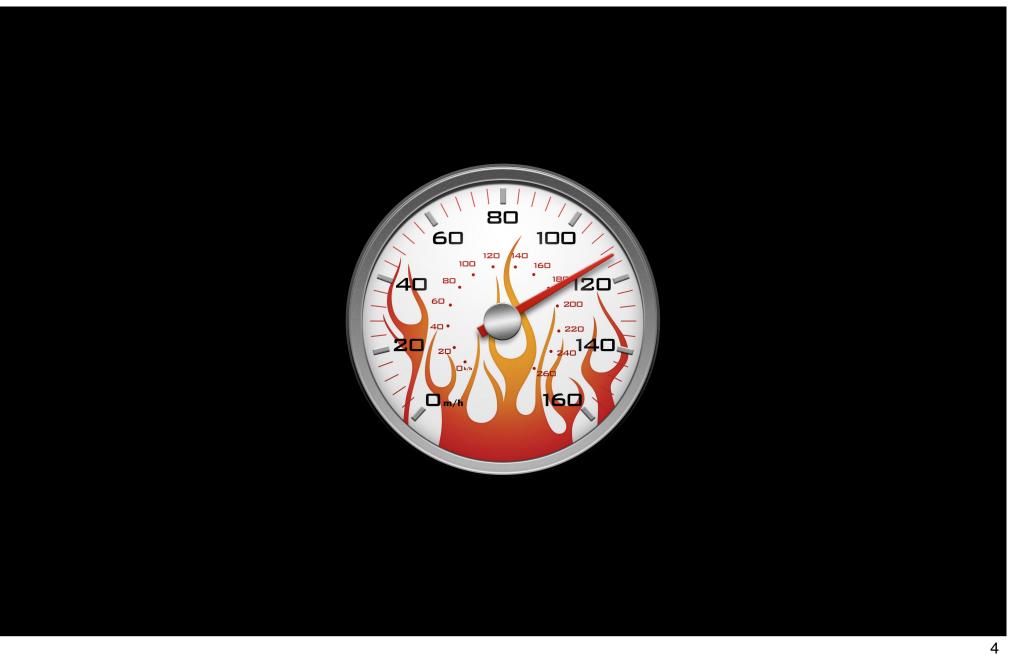
Safari, Internet and Web

State of the Union

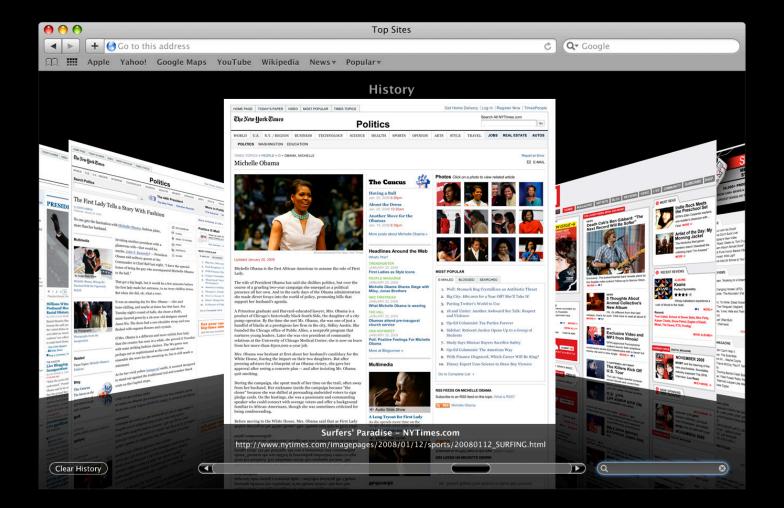
Darin Adler

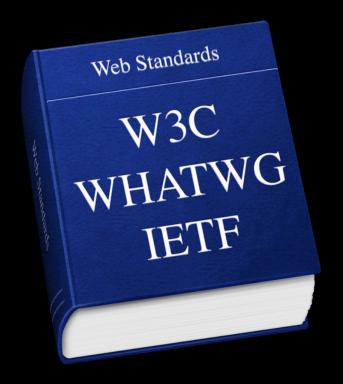
Director, Safari and WebKit Engineering







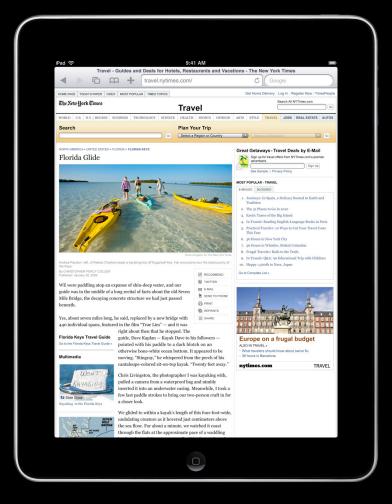






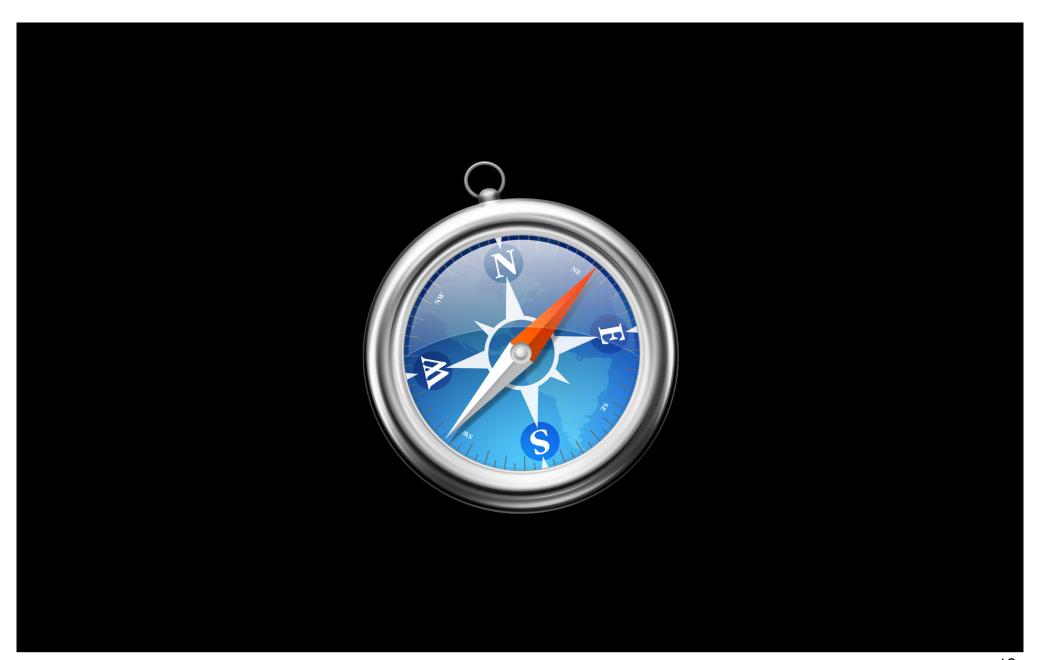






200 Million

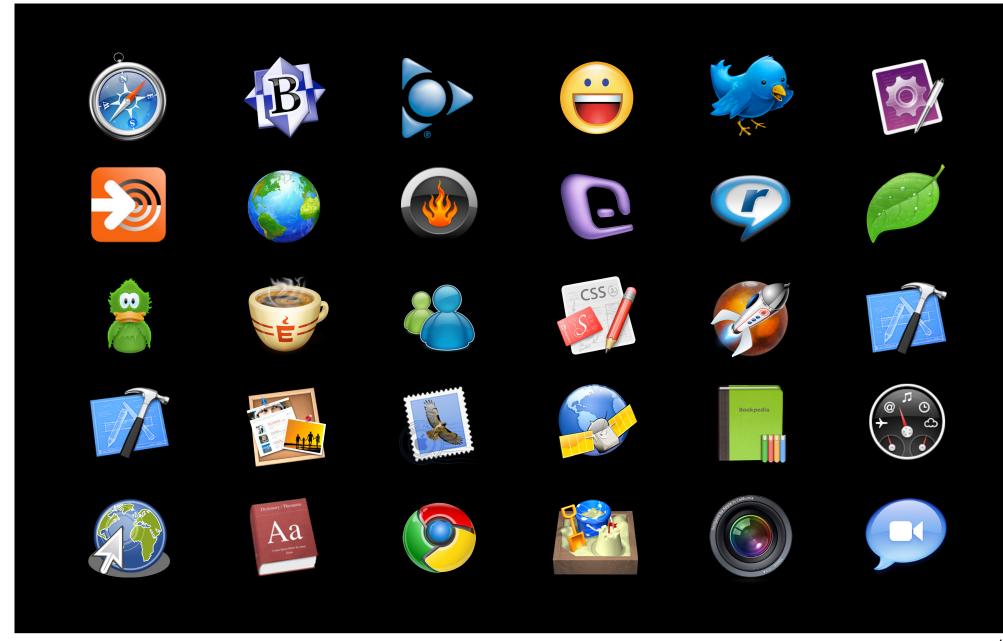
Devices with Safari

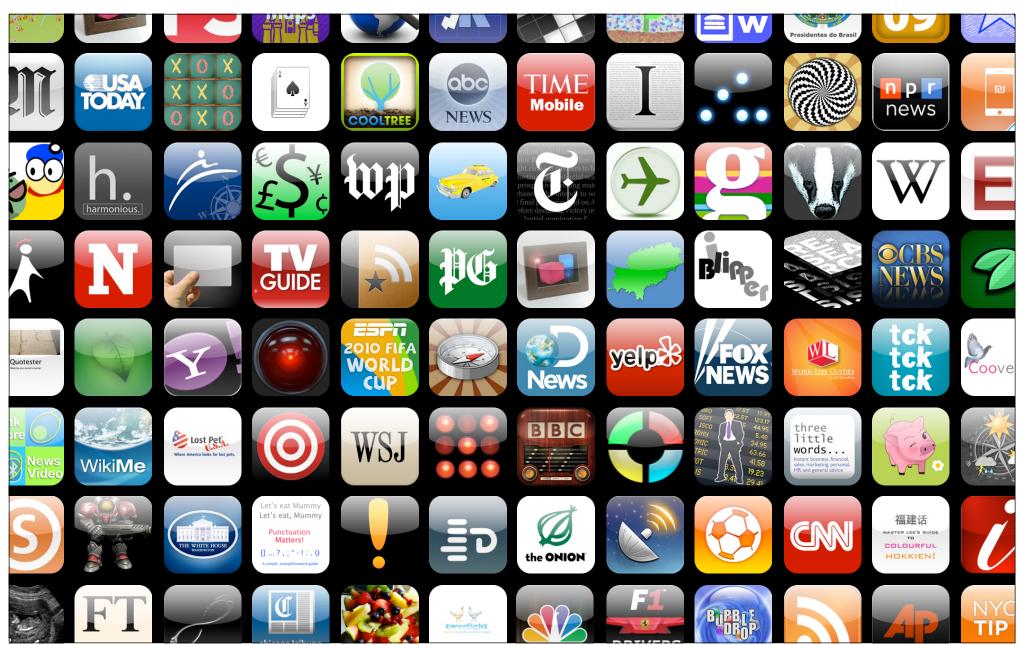


WebKit Safari's open source engine







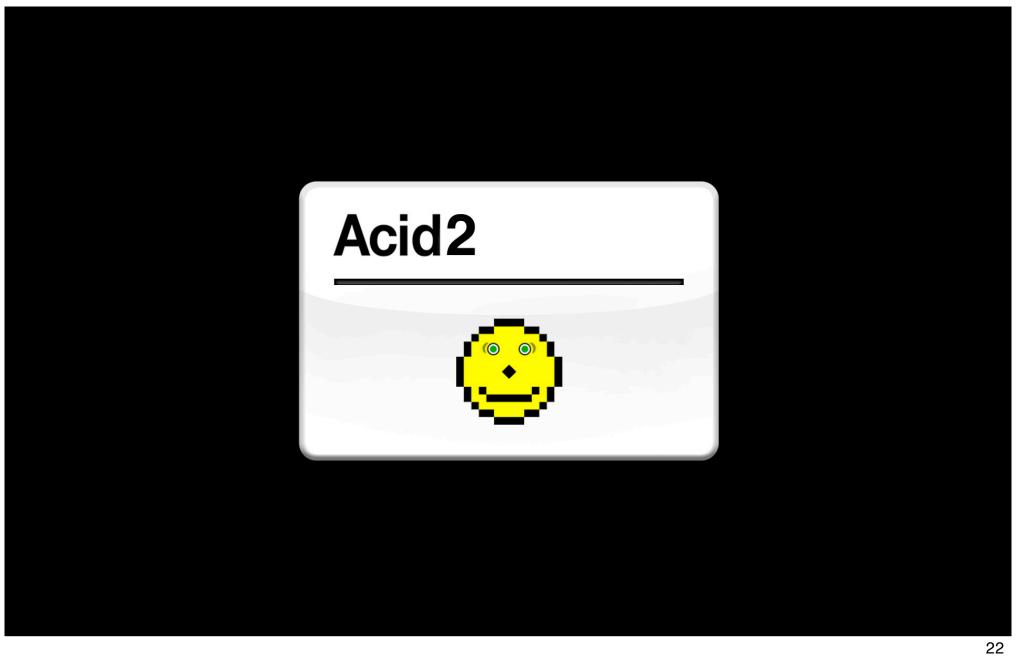


500 Million

Devices with WebKit



Standards



Acid3 100/100

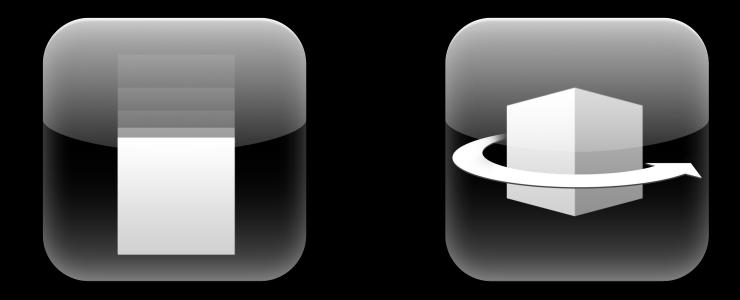
HIML5

Video and Audio





Animations and Transforms



Reflections, Gradients and Masks







Vector Graphics and Canvas





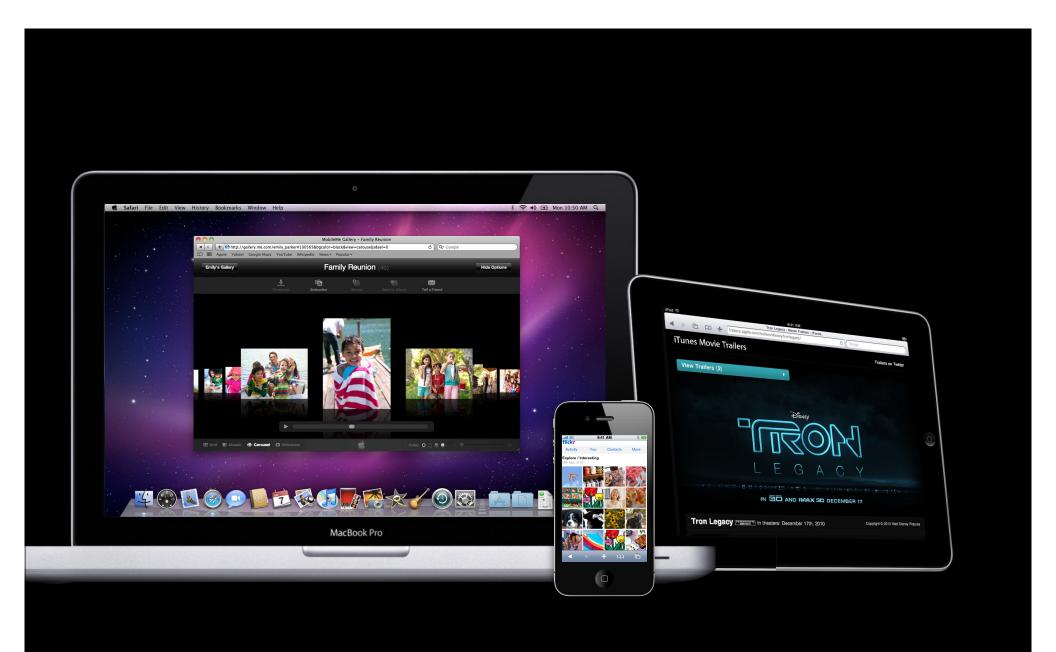
Offline Support



Leading in Standards



Safari & WebKit	
HTML5 video	√
HTML5 audio	√
HTML5 canvas	√
CSS3 animations	√
CSS3 transforms	√

























The New York Times LIFE TIME People

















REUTERS :



flickr**





InStyle



NETFLOX



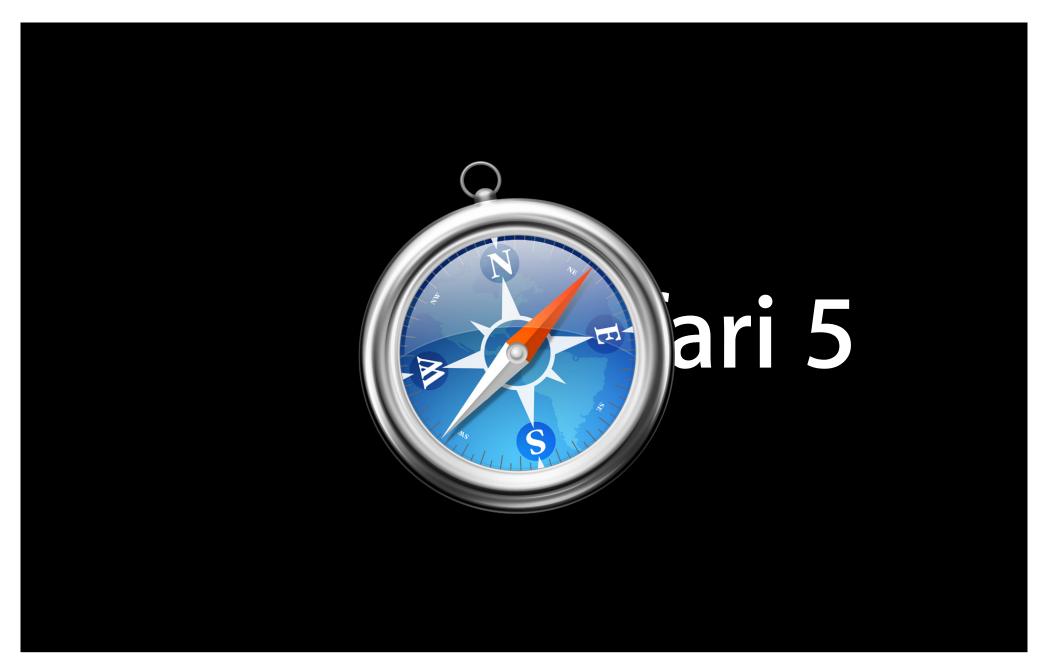


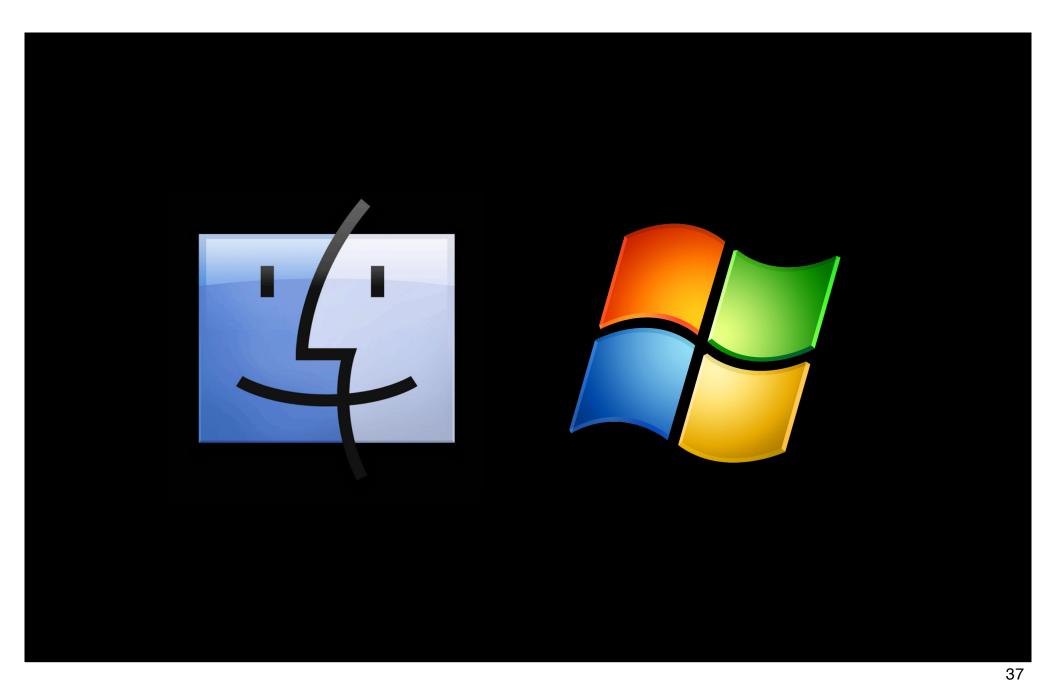
Demo

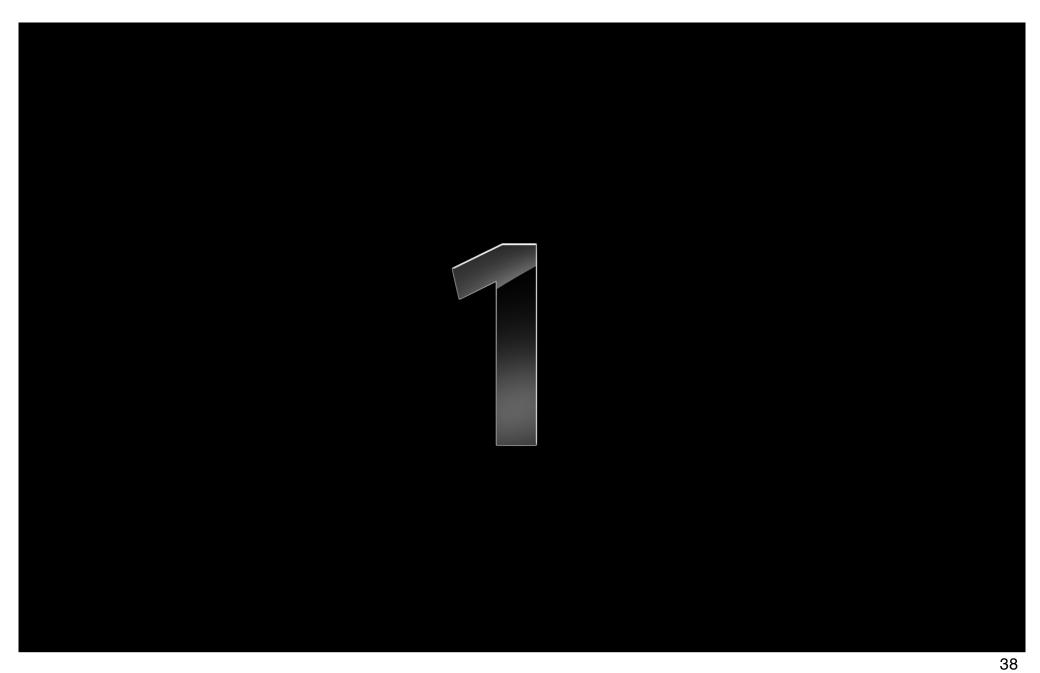
Adele Peterson

Manager, Safari and WebKit Engineering

HTML5









HTML5 AJAX History

<article>

Forms validation

<hgroup>

Full screen for <video>

<nav>

EventSource

Draggable attribute

<aside>



<ruby>

Closed captions for <video>

Geolocation

<footer>

<section:

WebSocket

Sandboxed <iframe>

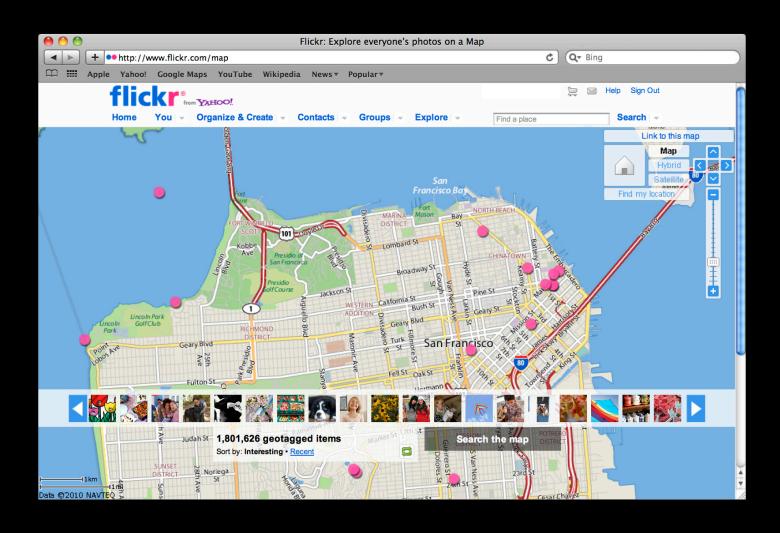
Full Screen Video



Closed Captioning



Geolocation





HTML5 AJAX History

<article>

Forms validation

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Full screen for <video>

<nav>

EventSource

Draggable attribute

<aside>



<ruby>

Closed captions for <video>

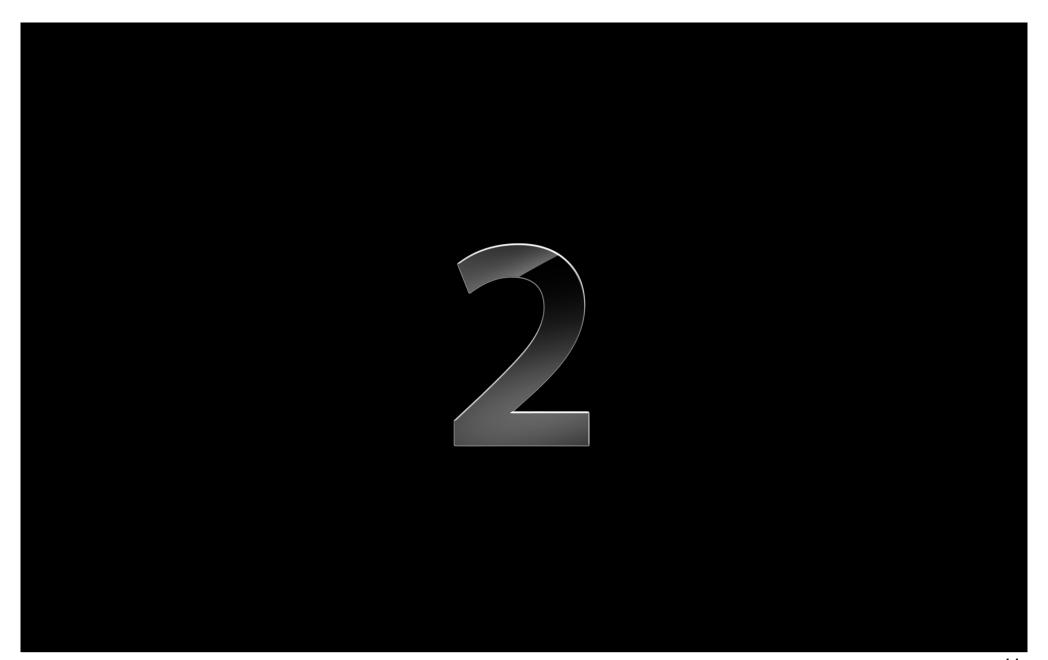
Geolocation

<footer>

<section>

WebSocket

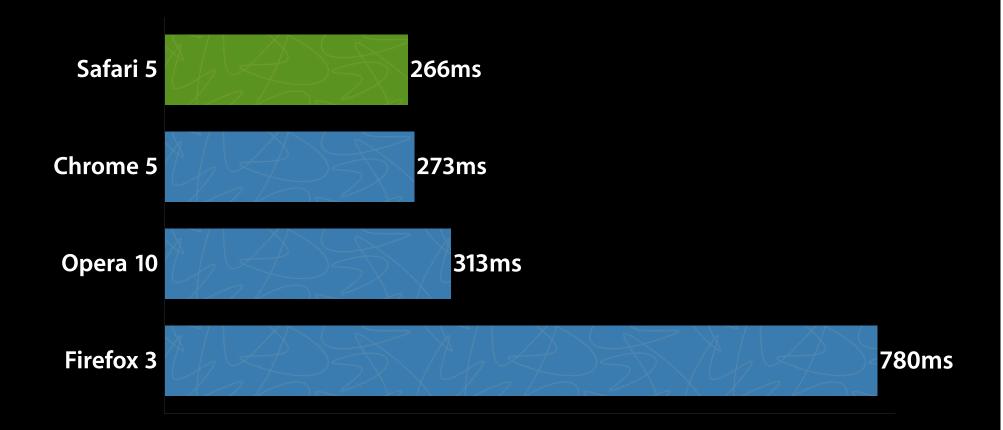
Sandboxed <iframe>



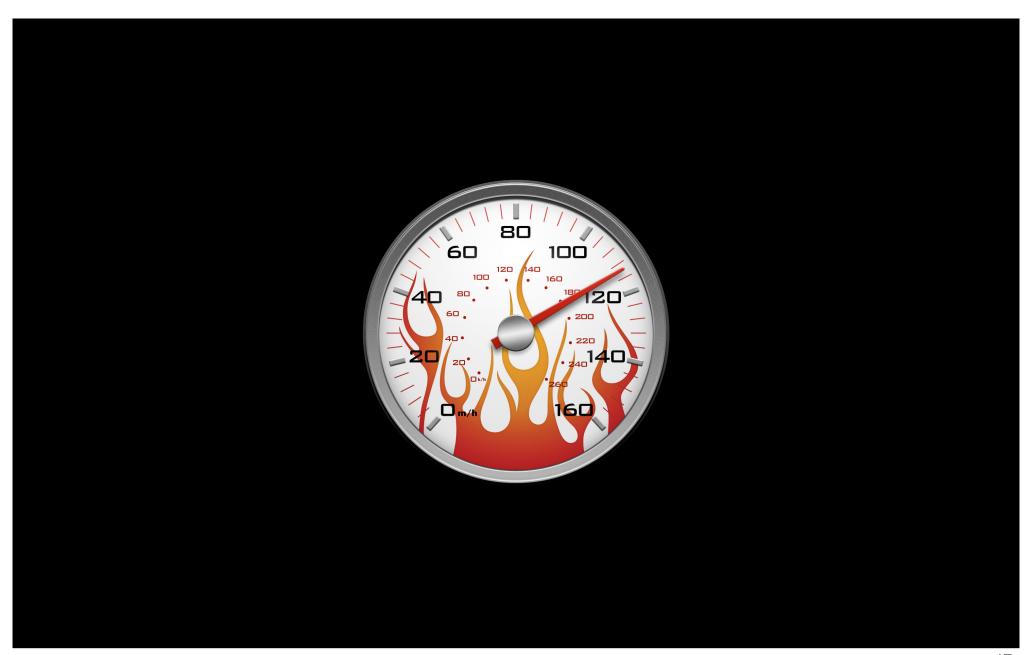
Performance World's fastest browser



SunSpider JavaScript Benchmark

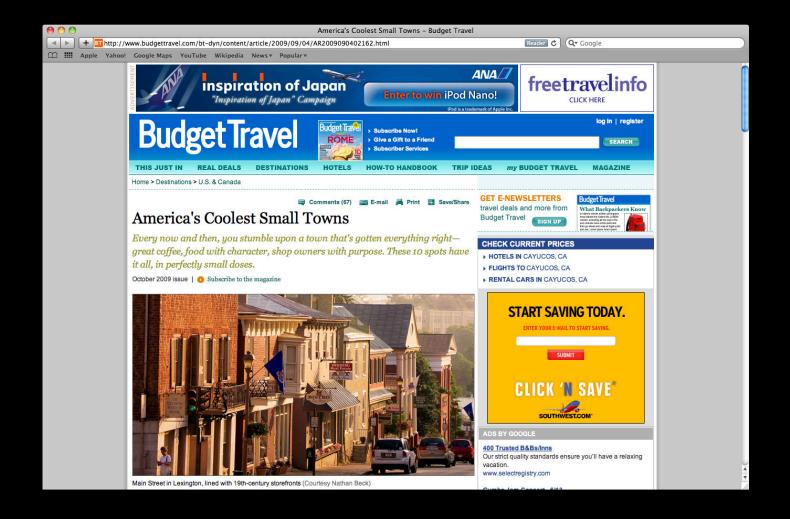


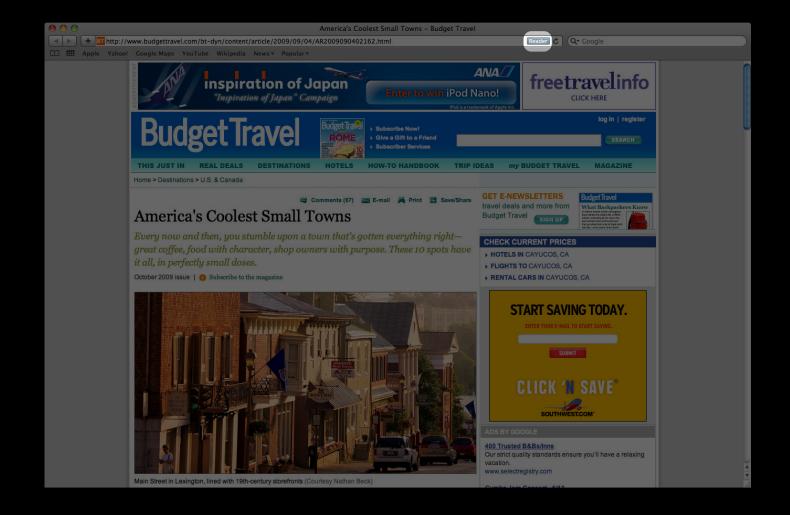
Tested by Apple in May 2010 on an iMac 3.06GHz Intel Core 2 Duo system running Mac OS X v10.6.3



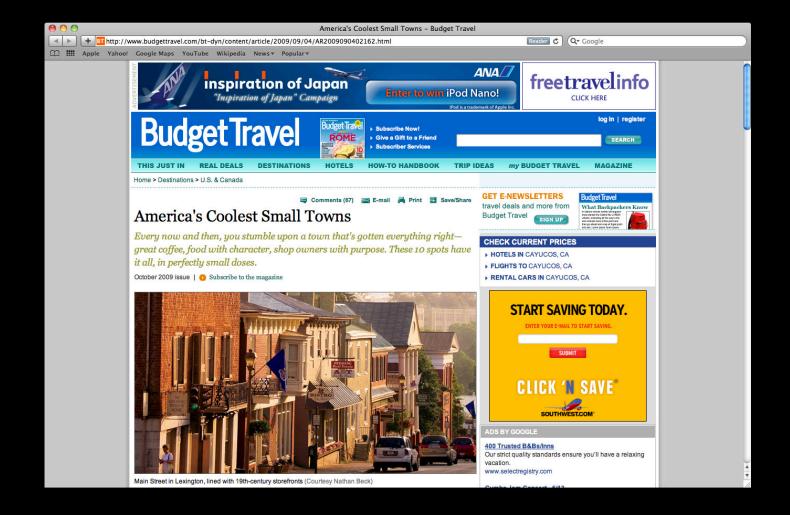


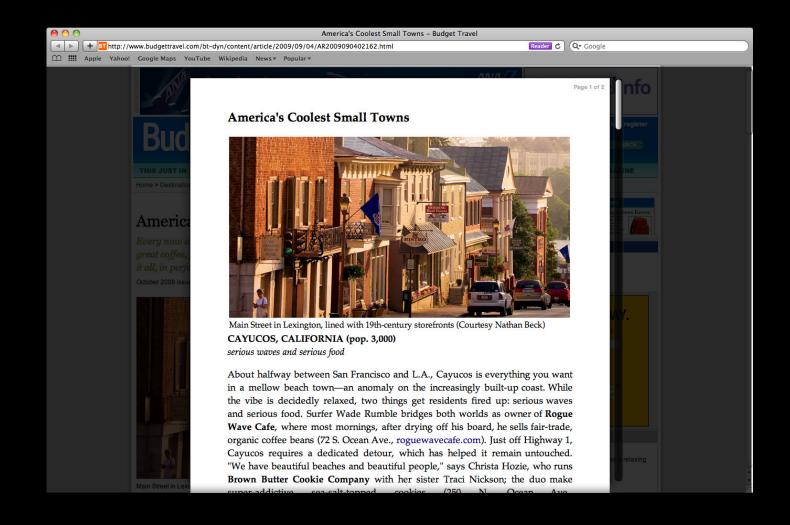
Reader

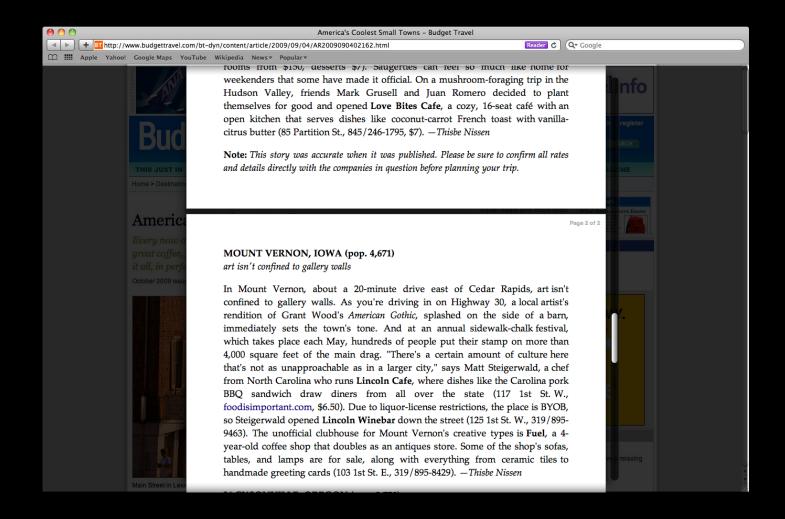


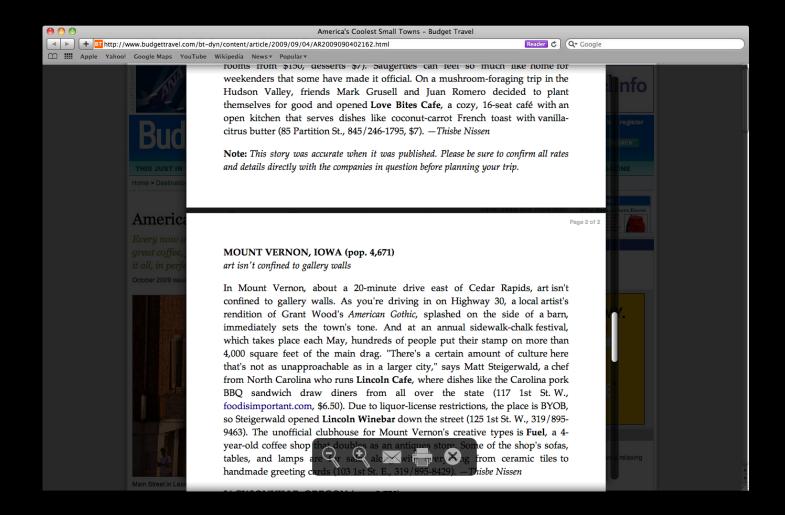


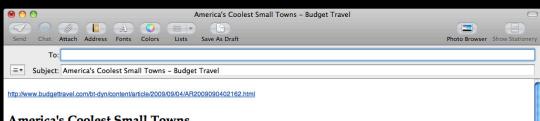












America's Coolest Small Towns



Main Street in Lexington, lined with 19th-century storefronts (Courtesy Nathan Beck)

CAYUCOS, CALIFORNIA (pop. 3,000)

serious waves and serious food

About halfway between San Francisco and L.A., Cayucos is everything you want in a mellow beach town-an anomaly on the increasingly built-up coast. While the vibe is decidedly relaxed, two things get residents fired up: serious waves and serious food. Surfer Wade Rumble bridges both worlds as owner of Rogue Wave Cafe, where most mornings, after drying off his board, he sells fair-trade, organic coffee beans (72 S. Ocean Ave., roguewavecafe.com). Just off Highway 1, Cayucos requires a dedicated detour, which has helped it remain untouched. "We have beautiful beaches and beautiful people," says Christa Hozie, who runs Brown Butter Cookie Company with her sister Traci Nickson; the duo make super-addictive sea-salt-topped cookies (250 N. Ocean Ave., brownbuttercookies.com, \$13/dozen). "I came to visit three years ago and thought it was such a magical place," explains Hozie. Grace Lorenzen had a similar reaction. She moved back to the Central

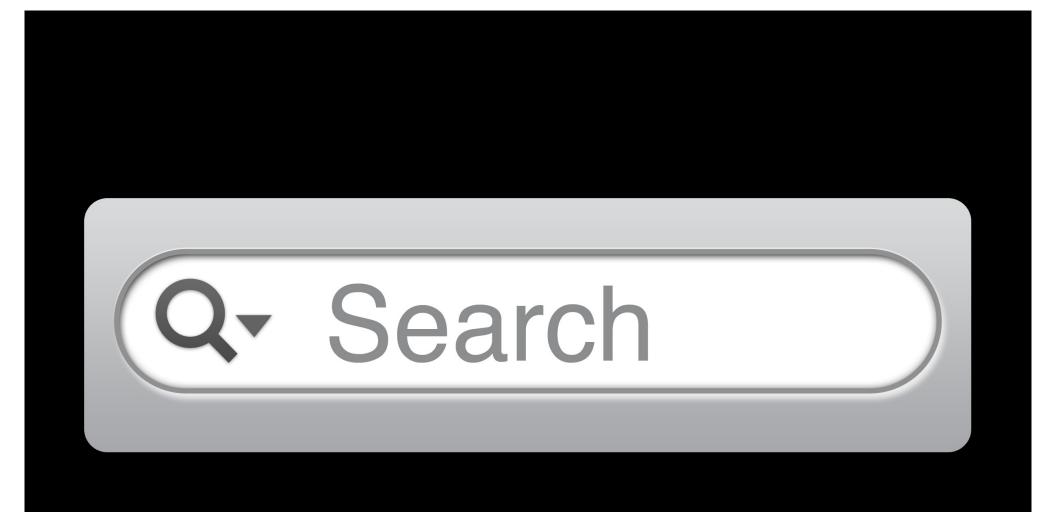
Demo

Adele Peterson

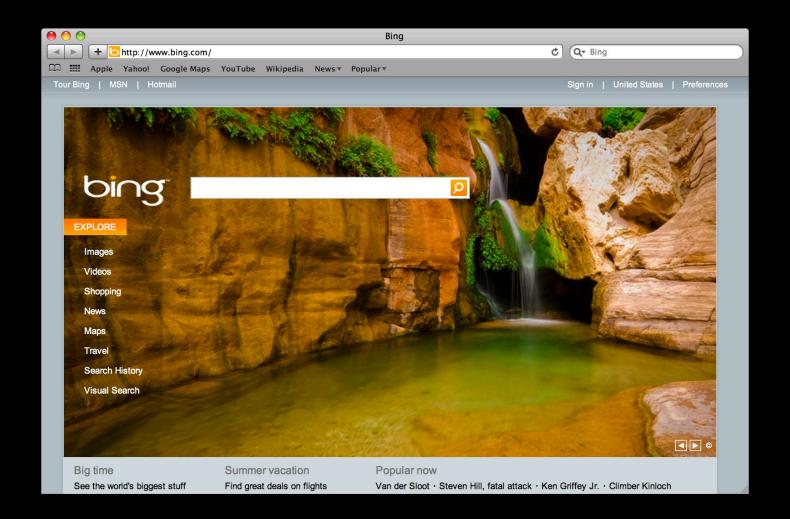
Manager, Safari and WebKit Engineering

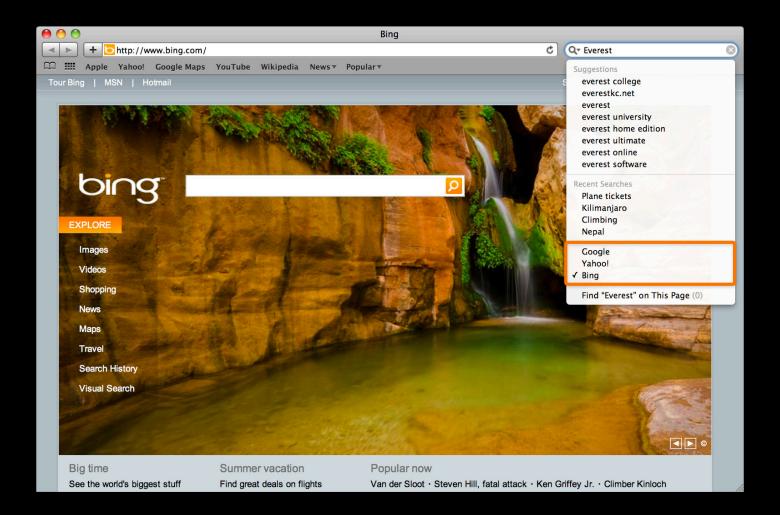
Reader









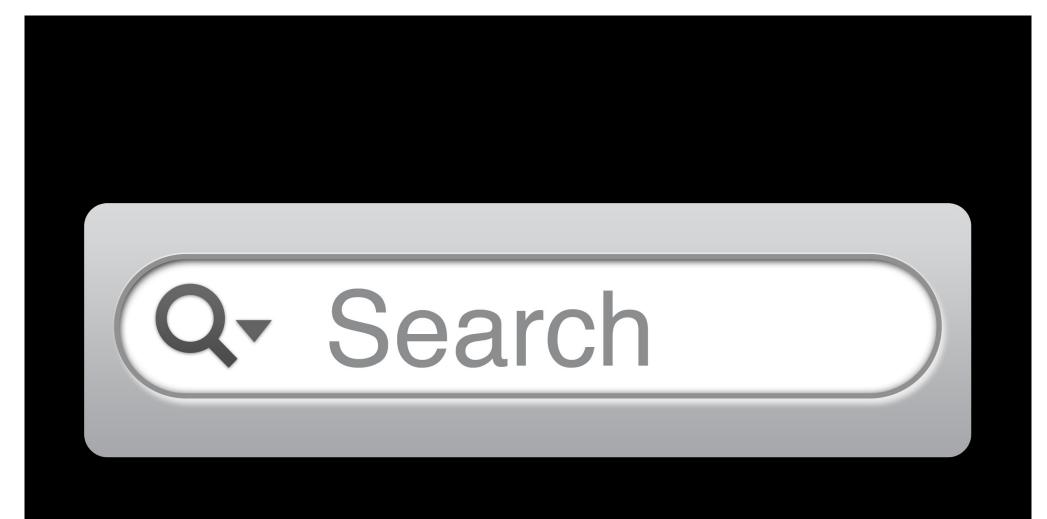






Demo

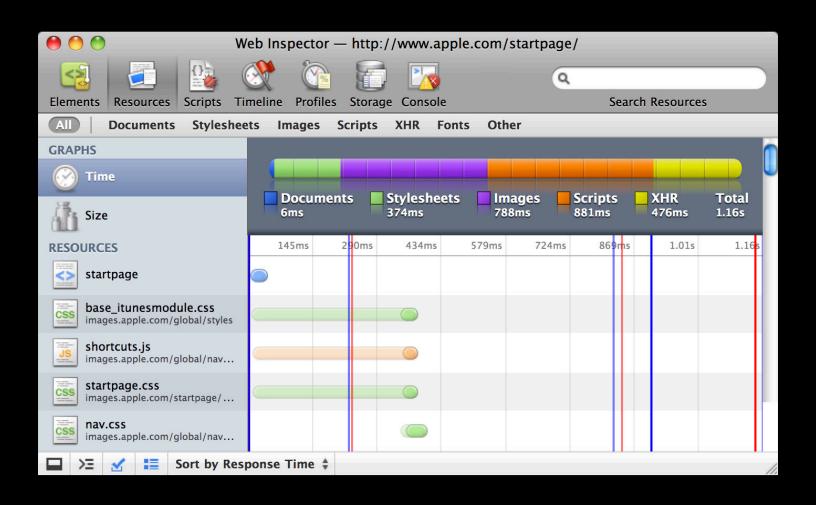
Jeff Henshaw Microsoft



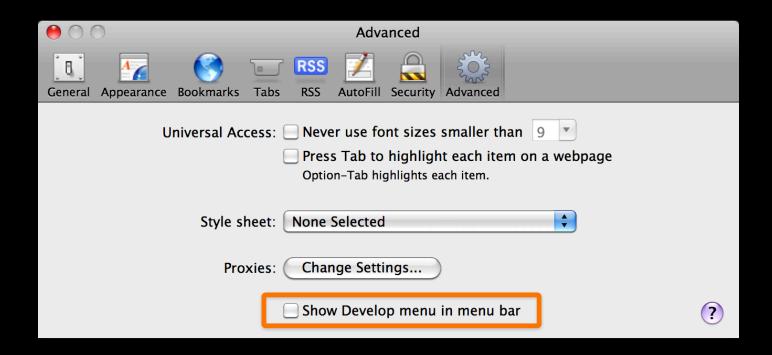
Developer Tools



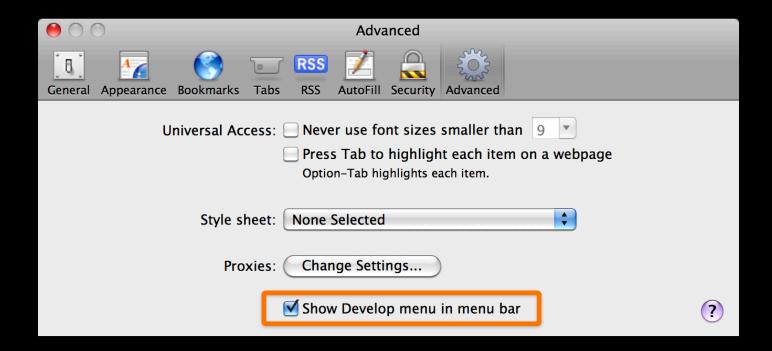
Built-in Web Developer Tools



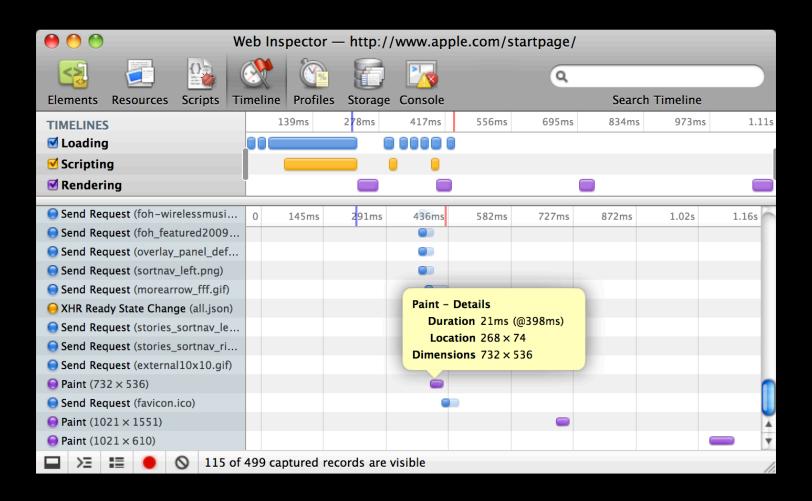
Develop Menu



Develop Menu



Timeline Panel





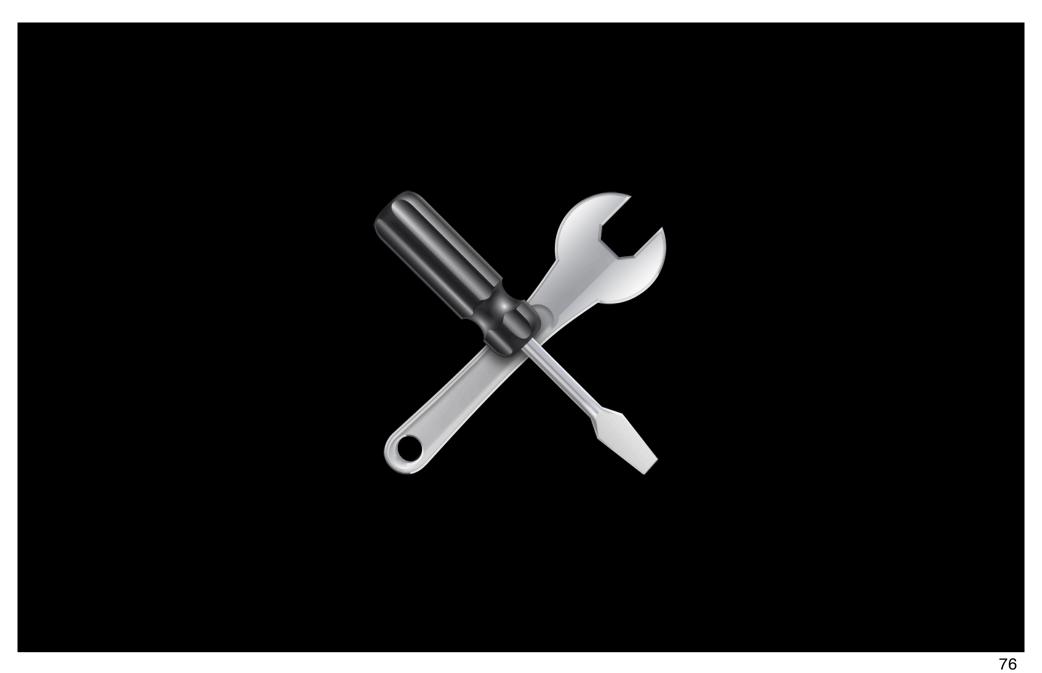
Timeline Panel

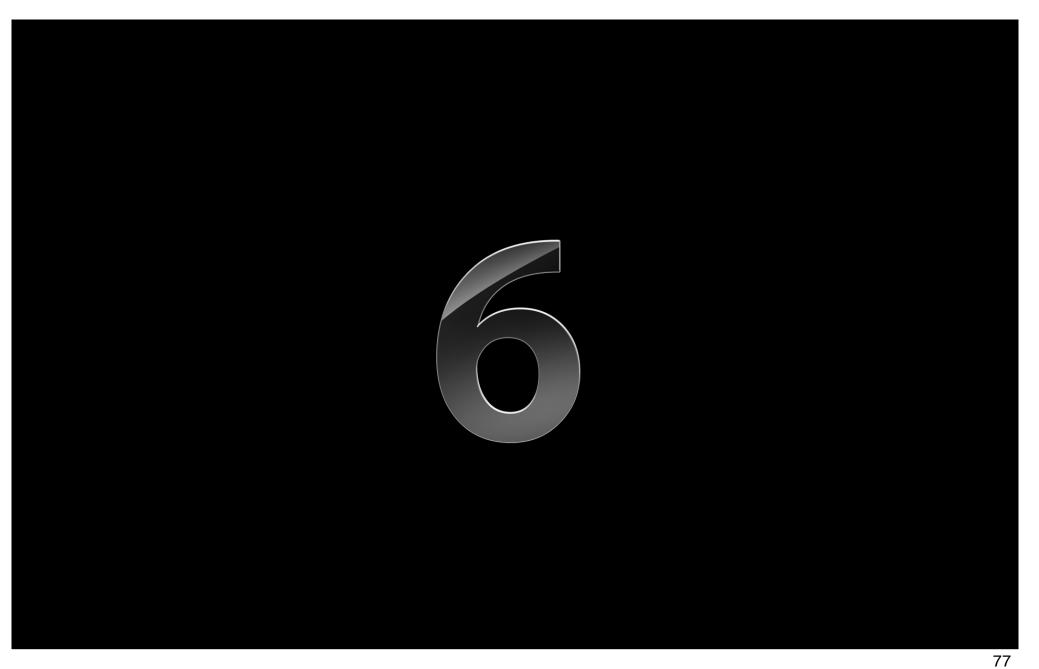
Edit as HTML

Attribute Editing

Color Editing

Event Listeners

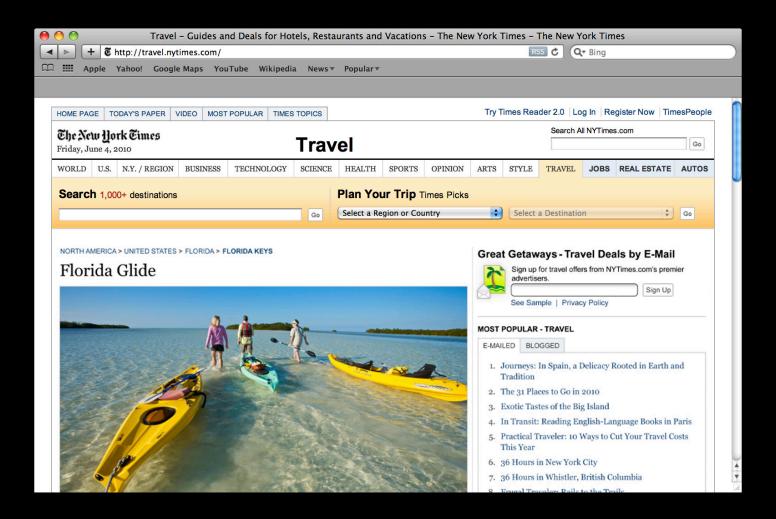




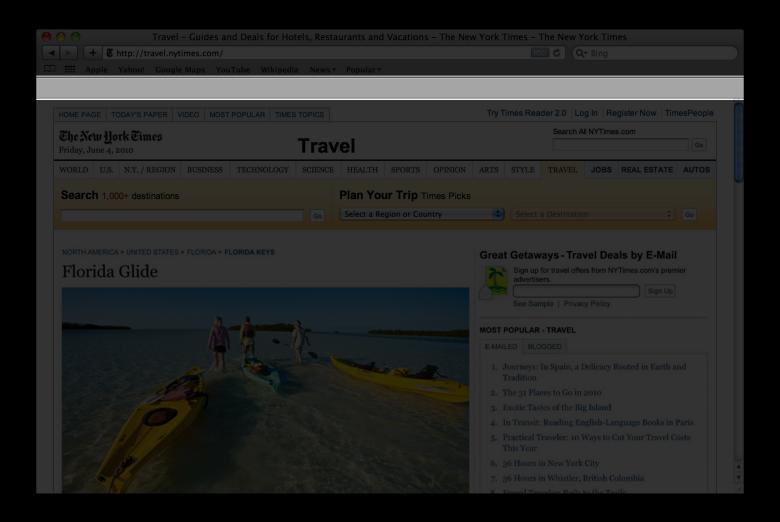
Extensions



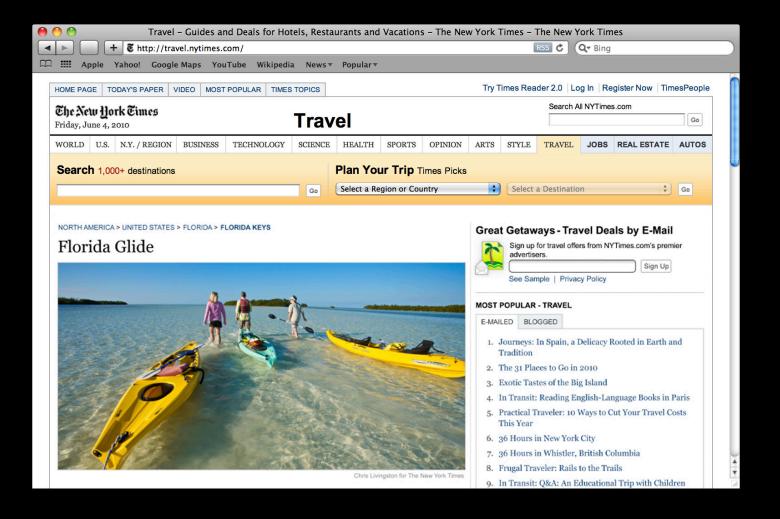
Add an Extension Bar



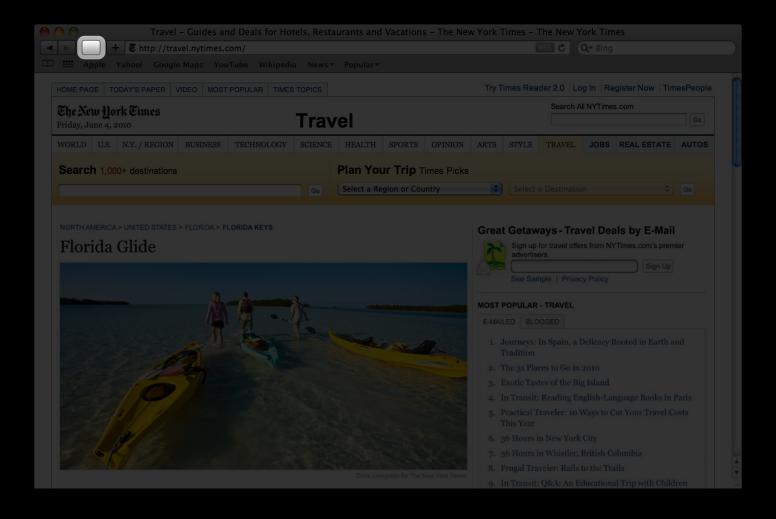
Add an Extension Bar



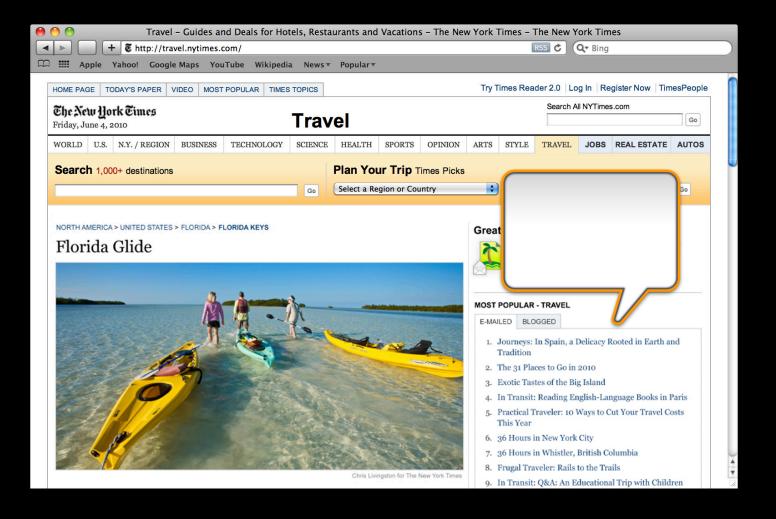
Add a Toolbar Button



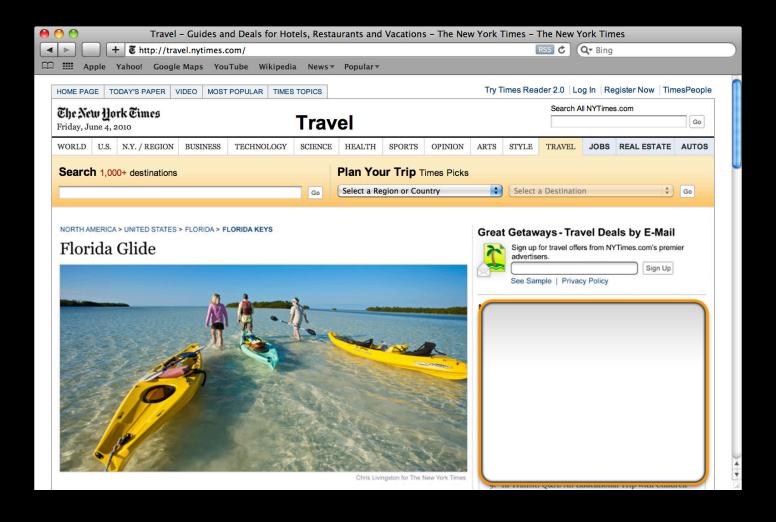
Add a Toolbar Button



Interact with Web Pages

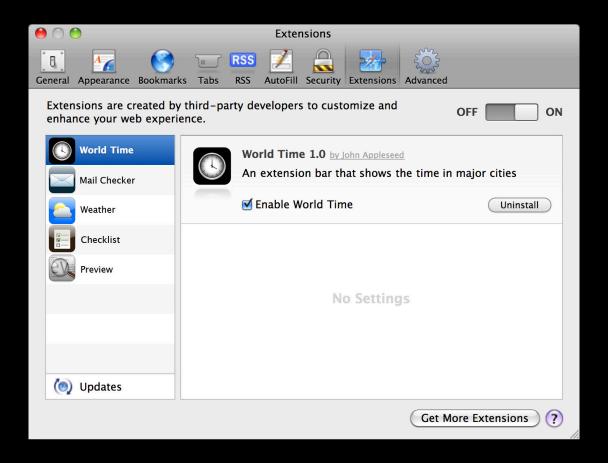


Modify Web Pages



Easy to Install

No restart required, one-click disable



Built with Web Standards

HTML5

CSS3

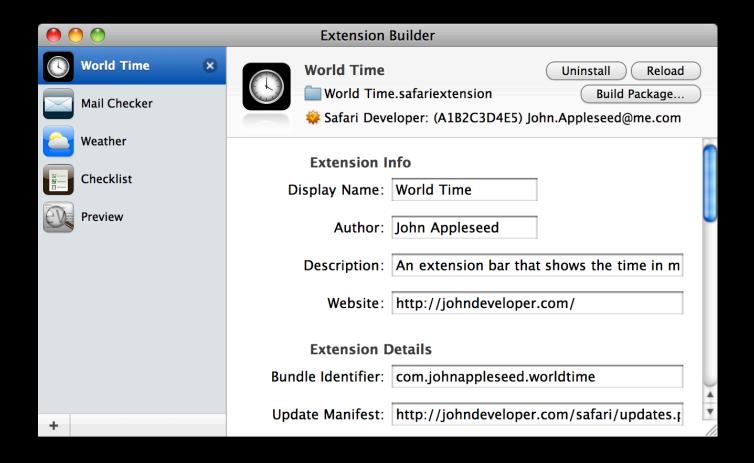
JavaScript

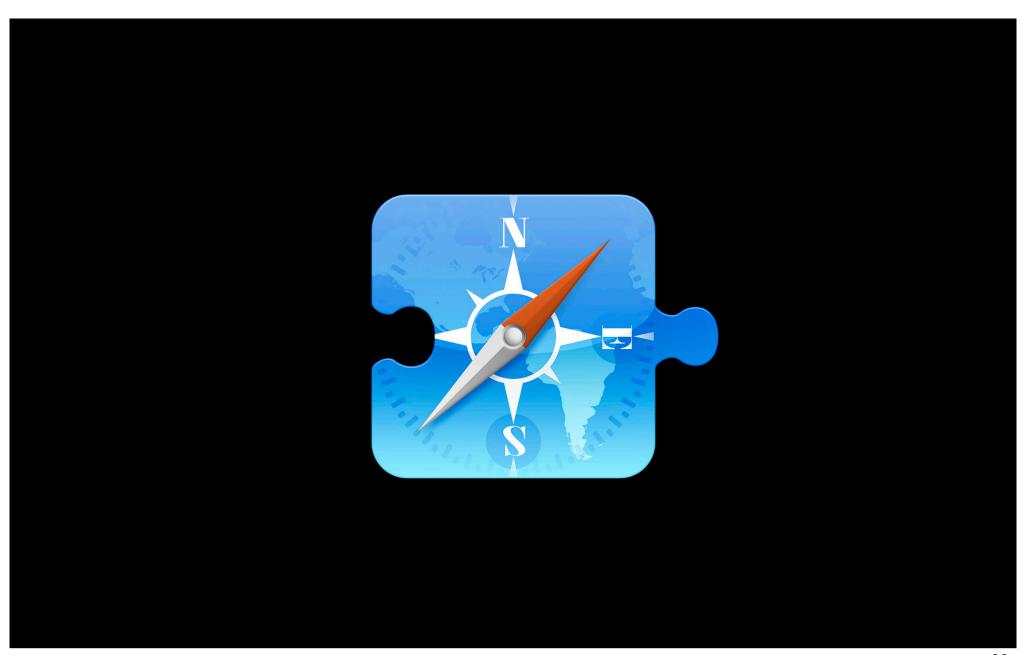
Secure Signed and sandboxed



Extension Builder

Built-in to streamline development





Roustem Karimov

Agile Web Solutions

Sandeep Gupta Yahoo!

Charles Osborne
MLB Advanced Media

Deepa Ramachandran

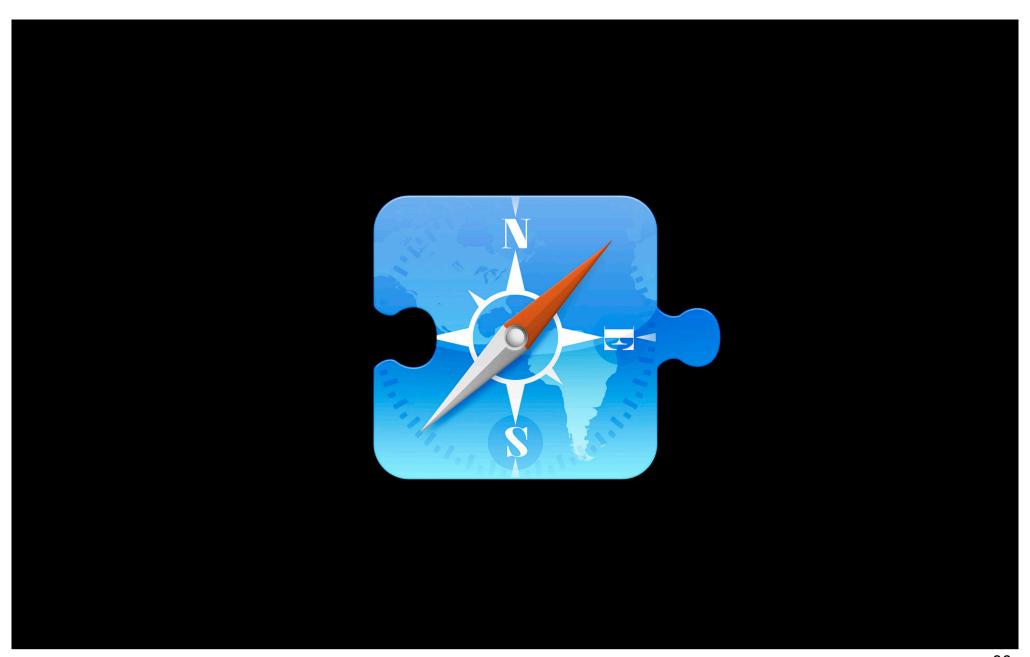
Microsoft

Cabel Sasser

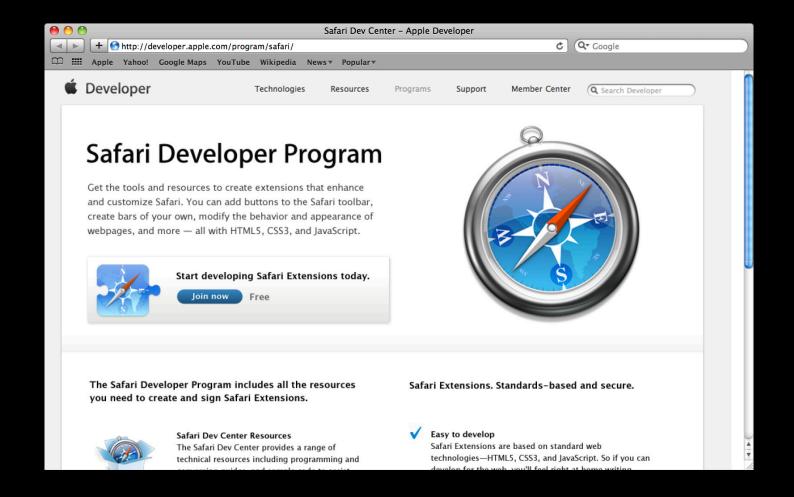
Panic

Michael Gundlach

BetaFish







Digital Certificate



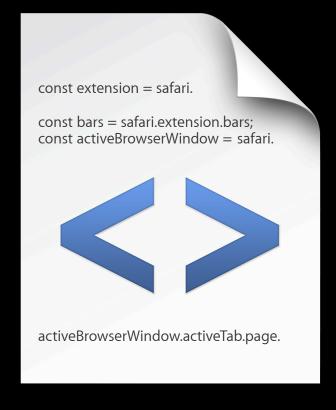
Apple Developer Forums



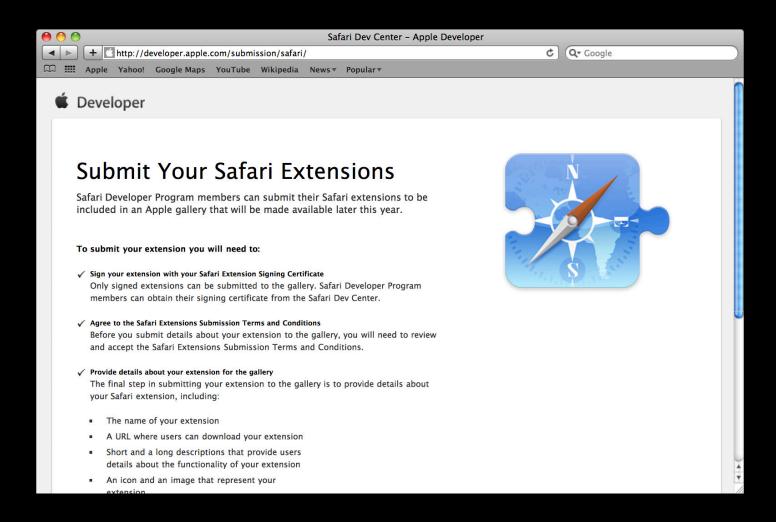
Documentation



Extension Sample Code



Submit to the Extension Gallery





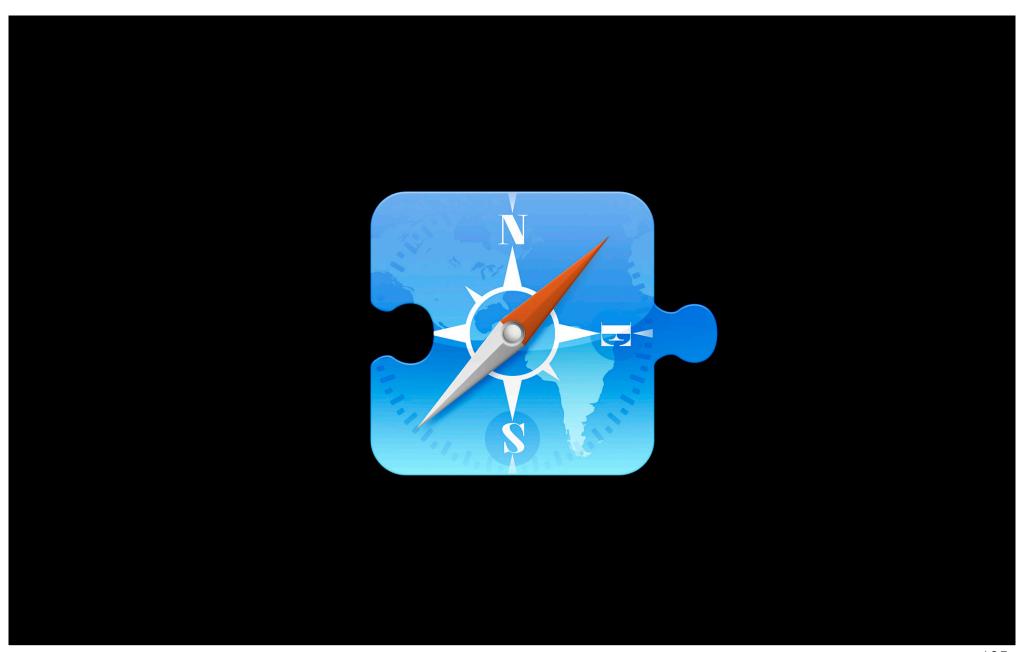
Customize Safari and the Web

Easy to Install

Built with Web Standards

Signed and Sandboxed

Safari Developer Program





More HTML5

Performance

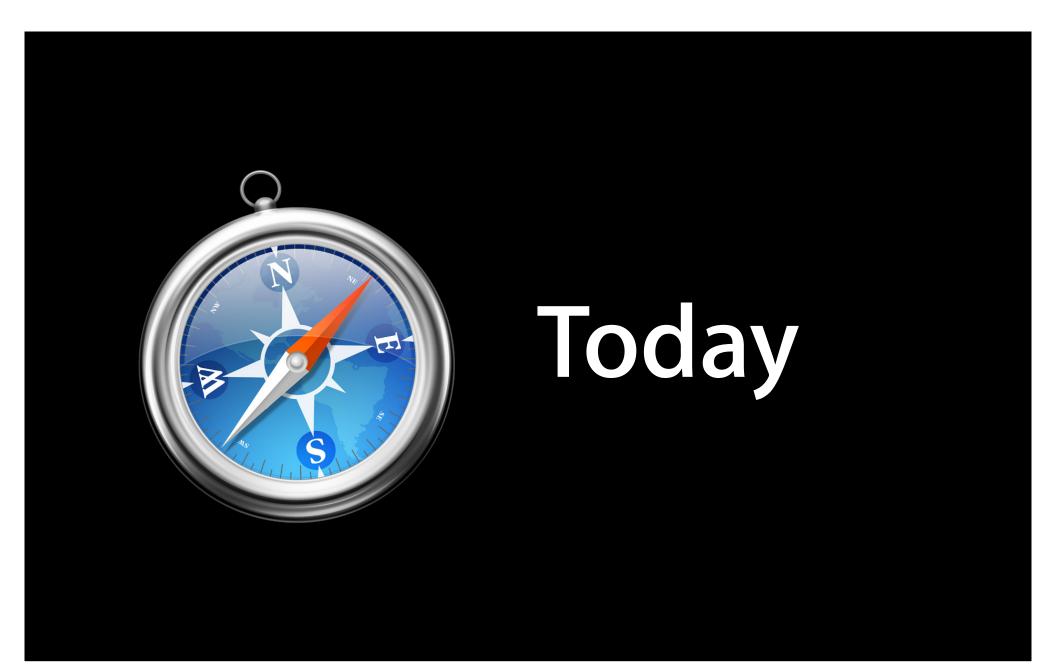
Safari Reader
New Search Options

Safari Reader

Descriptions

Developer Tools

Extensions





Internet & Web Sessions

Delivering Audio and Video Using Web Standards, Part 1	Marina Tuesday 9:00AM
Delivering Audio and Video Using Web Standards, Part 2	Marina Tuesday 10:15AM
CSS Effects, Part 1: UI Elements and Navigation	Marina Tuesday 3:15PM
CSS Effects, Part 2: Galleries and 3D Effects	Marina Tuesday 4:30PM
Creating Extensions for Safari, Part 1	Marina Wednesday 9:00AM
Creating Extensions for Safari, Part 2	Marina Wednesday 10:15AM
Getting the Most Out of Safari Integrated Developer Tools	Marina Wednesday 11:30AM

Internet & Web Sessions

Adding Touch and Gesture Detection to Web Pages on iPhone OS	Nob Hill Wednesday 2:00PM
Creating Info Graphics with Standard Web Technologies	Marina Wednesday 4:30PM
Creating Content With iAd JS, Part 1	Marina Thursday 9:00AM
Creating Content With iAd JS, Part 2	Marina Thursday 10:15AM
Using HTML5 Offline Storage	Marina Thursday 2:00PM
Delivering Audio and Video Using Web Standards, Part 1 (R)	Nob Hill Friday 10:15AM
Delivering Audio and Video Using Web Standards, Part 2 (R)	Nob Hill Friday 11:30AM

Internet & Web Labs

HTML5 Audio and Video Lab	Internet & Web Lab A Tuesday 2:00PM-6:30PM
Safari Open Lab	Internet & Web Lab B Tuesday 2:00PM-6:30PM
CSS Effects Lab	Internet & Web Lab A Wednesday 9:00AM-1:45PM
Safari Web Accessibility Lab	Internet & Web Lab B Wednesday 9:00AM-11:15AM
Safari Extensions Lab	Internet & Web Lab A Wednesday 2:00PM-6:30PM
WebKit Lab	Internet & Web Lab B Wednesday 2:00PM-6:30PM

Internet & Web Labs

Safari Internet Plug-Ins Lab	Internet & Web Lab A Thursday 9:00AM-11:15AM
Safari on iPhone OS Lab	Internet & Web Lab B Thursday 9:00AM-11:15AM
Safari Extensions Lab	Internet & Web Lab A Thursday 2:00PM-6:00PM
Safari on iPhone OS Lab	Internet & Web Lab B Thursday 2:00PM-4:15PM
HTML5 Offline Storage Lab	Internet & Web Lab B Thursday 4:30PM-6:00PM
Safari Open Lab	Internet & Web Lab A Friday 9:00AM-12:15PM
Safari Internet Plug-Ins Lab	Internet & Web Lab B Friday 9:00AM-12:15PM

More Information

Vicki MurleySafari Technologies Evangelist vicki@apple.com

Apple Developer Forums

http://devforums.apple.com



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