

Six
facts
about
Open Web
and Firefox OS

budapest.mobile meetup Budapest, Hungary 27. 10. 2014.



Open & Free





Web is the platform

- All components are open and free
- No walled gardens
- You got mobile page already
- One app for all





Learn & Teach





ZONES -

WEB PLATFORM ▼

TOOLS

DEMOS

Sign in with

CONNECT

mozilla ~



Shared knowledge for the Open Web



CONNECT

Mozilla Developer Network https://developer.mozilla.org/



Build Firefox OS





Hacks Blog read more at hacks.mozilla.org

GET INVOLVED



DOWNI OADS

Building Firefox OS

Start creating your own apps

Building Firefox OS http://buildingfirefoxos.com/

Building Blocks

Reusable component set with markup and usage examples.

CSS Transitions

Ready to use animations and transitions for your apps.

Downloads

Get all Firefox OS goodies! Design stencils, icons, fonts...







Tutorials



Using CSS Shapes we can create experiences that we have never been able to create on the web before.

HTML5 Rocks http://www.html5rocks.com/en/



Updates to the Chrome Developer Tools: CSS property quick search, memory stats for heap snapshots, CodeMirror upgrade and more.



Data-binding Revolutions with Object.observe()

new features of in your next responsive

Learn about Object.observe() - a new feature giving JavaScript the power to directly observe changes to objects.

OBJECT.OBSERVE ES7

March 26th, 2014



March 6th, 2014







October 22, 2014 • by John Hu and Robert Nyman [Editor] • Firefox OS • No comments yet

With the booming ultra-low-price device demands, we have to more carefully calculate



for digital type Read more ...

STACK OVERFLOW

- Mozilla tags
- Firefox OS
- Firefox Developer Tools





English (US)



xx Explore



4 Tools







X-Ray Goggles

Thimble

Popcorn Maker

Appmaker

Create and remix the web with Webmaker tools.

X-Ray Goggles allow you to see the building blocks that make up websites on the internet. Activate the goggles to inspect the code behind any webpage, then remix elements with a single click, swapping in your own text, images and more.

You can build:

- · a custom homepage for the New York Times
- · an alternate version of a controversial webpage
- · a funny remix of your best friend's favorite site
- and morel

Popcorn Maker helps you easily

HTML and CSS right in your browser, then instantly preview your work. Host and share your finished projects with a single click. Perfect for beginners and experts alike.

You can build:

- · a personalized greeting card
- · an online poster for your favorite movie
- · a hilarious meme
- and more!

you can embed on other websites. Drag and drop content from the web, then add your own comments and links —all within your browser. Popcorn Maker

videos are dynamic, full of links

and unique with every view.

You can build:

- an animated gif with sound
- a documentary with dynamic links
- a video profile to introduce vourself to the world

Mobile apps made easy

Appmaker is a free tool for creating personal mobile apps, even if you don't know code! Combine individual bricks to create and share custom mobile apps right in your web browser.

You can build:

- · an app to chat with your friends
- · a music-making app
- · a personal goal tracker
- and more!

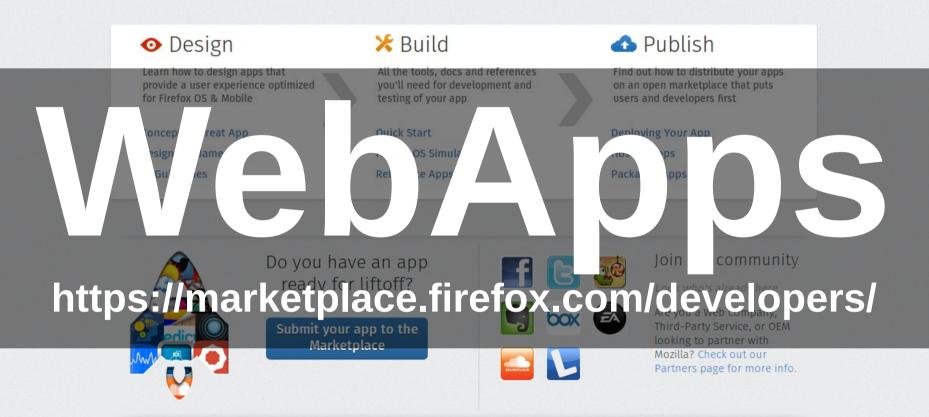
Get started







Develop HTML5 Web Apps for an open marketplace.



The Mozilla apps platform

Building apps for the Web provides developers with full control over content, functionality and how apps are distributed, including access to hundreds of millions of



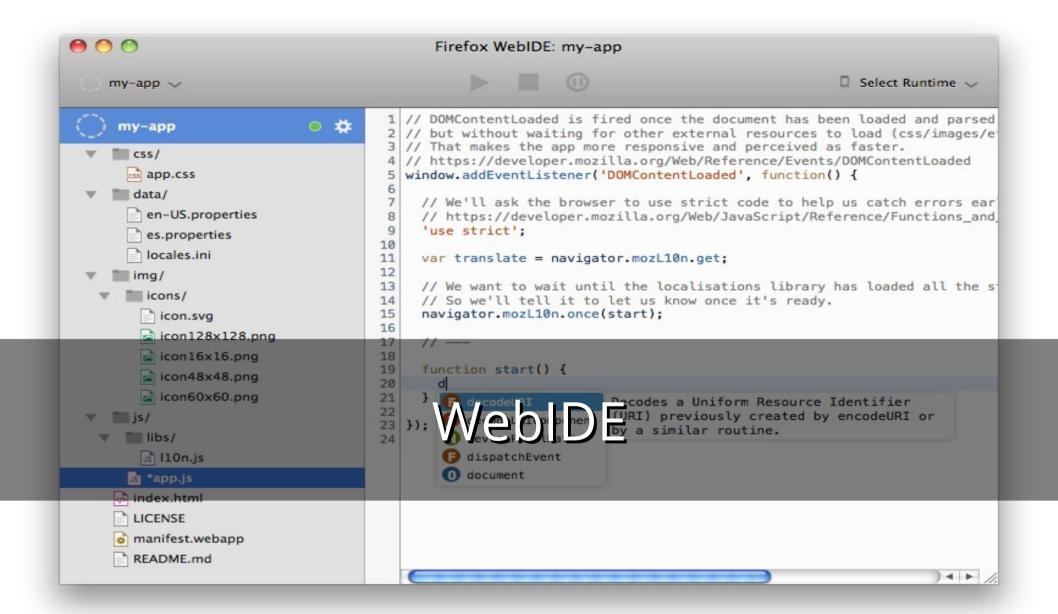




Tools & Dist











Dashboard

Add Directory

URL for page or manifest.weba

Add URL

Help

No Apps Installed

Simulator Running

This add-on only supports the included Firefox OS 1.1 simulator and pushing apps to 1.1 devices. To work with newer Firefox OS simulators and devices, please use the App Manager. More information



Firefox OS Simulator







Apps



Open Web App

Your new awesome Open Web App

HOSTED.

Battery

Battery provides a good template for an in-app battery/charge indicator with different visualization choices, plus ideas of what could be changed once battery level gets low.



Open Web App

VALID

HOSTED

Your Name

http://people.mozilla.org/-cmills/app-template /manifest.webspp

Your new awesome Open Web App

UPDATE.

DEBUG

App Manager



Help

Add Packaged App

Add Hosted App

http://example.com/app/manifest.webapp



0

Connected to B2G

Disconnect

13:26:38: disconnecting 13:26:38: disconnected

13:30:35: connecting to localhost:6000

13:30:39: connected



Firefox Marketplace







ÚJ NÉPSZERŰ HOME CATEGORIES *







Doodl Jump Ingyenes



EzUbi Ingyenes



zMaps Ingyenes



Froggy Leap Ingyenes



Face Value Ingyenes



Springle Chat Ingyenes





LingQ Ingyenes

Scientific Ca... Ingyenes











Ingyenes

Find Me Goo...



B.

Airbnb

Ingyenes

View all apps





Szereti a kirakós rejtvényeket? Nézze meg ezeket a fantasztikus címeket.





Video appok

Zene, hírek, szórakoztatás és még több – lyozzo a nadyczorú vidoótartalmakat a



Egészséges élet



FireRunner

Ingyenes



Yoga Guide Ingyenes



Calcula calo... Ingyenes





Personal Tra...



bodygarage

Vibrycing Ingyenes

View all apps



Appok Magyarországnak



Ingyenes

Trafikvadasz



ORIGO Ingyenes



Vatera Ingyenes



MÁV Menetr... Ingyenes



Időzítő Ingyenes



Elsősegély I... Ingyenes



Native vs. HTML



NATIVE APPS





Windows Phone

BlackBerry.





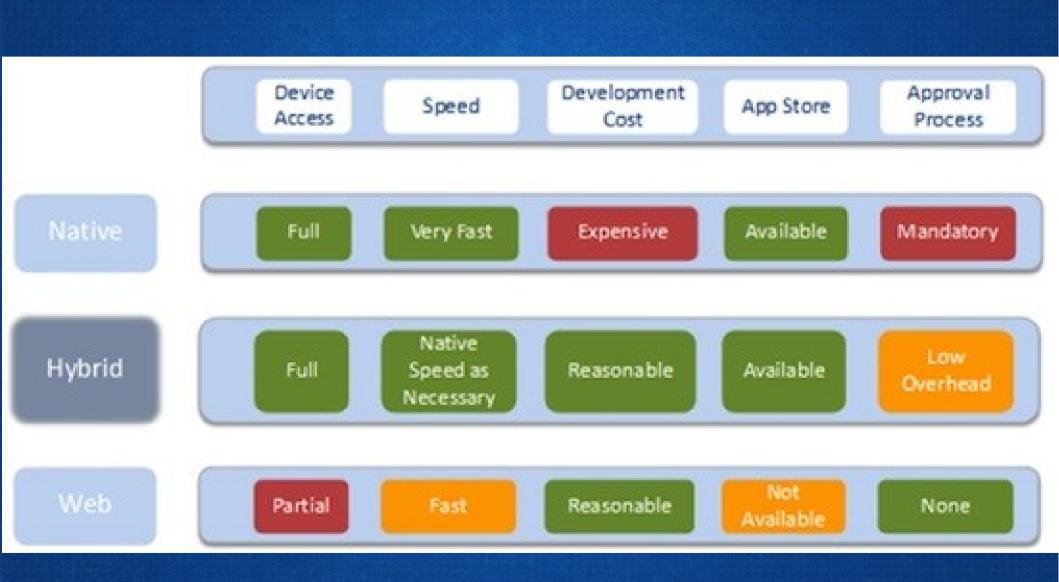
iQS

/ HTML











Webapps are





HTML 5
CSS 3
JavaScript

+

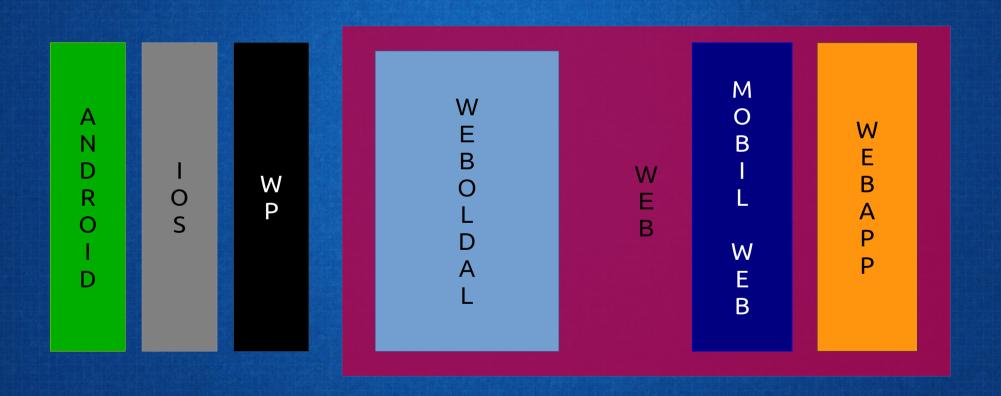
WebAPIs

+

Manifest file



Native apps vs. Webapps

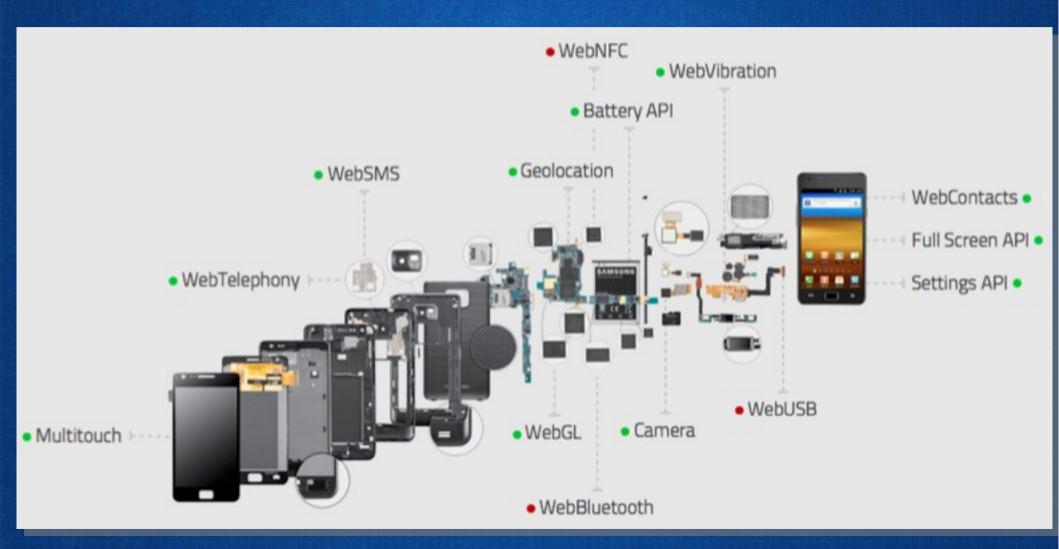




WebAPIs & Co.



WebAPIs









WebRTC - http://www.webrtc.org/



- Real time
 - Audio
 - Video
 - Binary data
- Firefox Hello
 - Try it Now in Firefox Beta https://www.mozilla.org/beta
 - Final: 24. november 2014.





Platforms & Security



Type of WebApps

- Firefox (desktop), Firefox
 OS, Firefox for Android →
 hosted web apps.
- Firefox OS and Chrome (desktop) → packaged web apps
- Cordova provides device adapters for many platforms, including Android, iOS and Firefox OS.

- Hosted
 - Web app
- Packed
 - Web app
 - Privileged app
 - Internal (Certified) apps





Community



Mozilla Community in Hungary

- Firefox OS
 - https://www.facebook.com/fxos.hu
 - https://www.mozilla.org/hu/firefox/os/
 - https://plus.google.com/u/0/communities/103014232626387772793
- Firefox & co.
 - https://www.facebook.com/MozillaHU
 - https://www.mozilla.org/hu/



