Firefox OS

Welcome to the future of mobile

And to the world of Firefox OS. On this site, you'll find everything you need to customize or build your own version of our groundbreaking mobile operating system and to use the Firefox OS brand on a phone or tablet. Get started below.
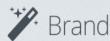
Learn

Explore Firefox OS and the Firefox Marketplace. Get localization support, roadmaps and a complete, detailed list of every feature.

Learn more »

Build

Create and customize your own version of Firefox OS. Learn more about hardware requirements, supported chipsets, and how to contribute back to the community.

Learn more »

Brand

Take your product to market. Get access and support to the essential licenses and Firefox OS brand assets you'll need, quickly and easily.

Learn more »

mozilla

Portions of this content are ©1998–2014 by individual mozilla.org contributors. Content available under a Creative Commons license.

Contribute to this page

Contact Us
Partner with Us
Donate
Privacy Policy
Legal Notices
Report Trademark Abuse

Mozilla on Twitter
Firefox on Twitter
Mozilla on Facebook
Firefox on Facebook
Firefox Affiliates

Firefox OS

Learn

Welcome to Firefox OS 101, here you will find comprehensive information about the features and functions of Firefox OS and Firefox Marketplace. You'll also find the roadmaps and localization support available today, and architecture and security overviews for these products.

Firefox OS

Firefox OS is actually a combination of the Open Source project called Boot to Gecko (B2G) with the branding from Mozilla. Together, we have created an experience we call Firefox OS.

High Level Overview	Click here for a high level overview of feature and functions in Firefox OS. This overview is designed to education end users about what Firefox OS can do, and what makes it great. Read more >>
Detailed Feature list for Firefox OS	Version 1.2 complete feature list (current version) Read more >>
	Version 1.1 complete feature list Read more >>
	Version 1.0 complete feature list Read more >>
Architecture Overview	Overview of how Firefox OS (B2G) is architected Read more >>
Security Overview	Overview of the security model avialble in Firefox OS (B2G) Read more >>
Firefox OS Roadmap	Behind Firefox OS, is the Boot-to-Gecko (B2G) project, an open source mobile platform. Here you will find the roadmap for B2G, which in turn, becomes the featureset for Firefox OS. Read more >>
Firefox OS Localization Roadmap	Here you'll find details about what languages are supported in Firefox OS/B2G. Read more >>
How to contribute to Firefox OS and B2G	Don't see a feature you need, or looking to add a language we don't support today? You should consider contributing back to the Open Source project behind Firefox OS. Read more >>

Firefox Marketplace

Firefox Markeplace is a store of applications made avaialble on Firefox OS devices. The software and tools behind Firefox Marketplace are open and available for anyone to run. Firefox Marketplace itself is owned and operated by Mozilla, and is an option for those wishing to include a robust application download experience.

High Level Overview	Click here for a high level overview of feature and functions in Firefox Marketplace. This overview is designed to education end users about what Firefox Markeplace offers, and what makes it great. Read more >>
Detailed Features and Roadmap	Here you will find details on our Marketplace roadmap, localization support, payment integration, and customization Read more >>
App Review Process	Find out about how we review applications submitted to Firefox Marketplace Read more >>
App Submission Process	Learn more about how to submit your own application to Firefox Markeplace Read more >>
How to contibute to Marketplace	Would like to see a feature in Marketplace that doesn't exist already? Find out how to code it yourself and give back to the Open Source project. Read more >>

In Market Devices

We are launching devices globally. Check out what other OEM's are currently offering.

Read more >>

🖼 Firefox OS

Build

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla

| How Firefox OS is developed | Check out the release schedule and process for how Firefox OS is developed from B2G. |
| | Read more >> |

Firefox OS Hardware Requirements

Hardware	Minimum Requirement
CPU	1GHz, single-core, equivilant to ARM Cortex A7 processor
Storage	General purpose Device: Minimum 512 on-board Mobile phone: total storage 4GB, minimum on-board 512MB
System RAM	128MB
Visual Display (optional)	262K color,HVGA (480x320) capacitive multi-touch display (minimum two points)
GPU	WebGL-capable GPU capable of rendering H.264 video at 30FPS
Hardware Buttons	Home Power Volume Up Volume Down Back,Menu, and Search hardware buttons may NOT be present on a Firefox OS Co-Branded Device

| Commercial Device Specifications | Here are the official detailed commercial device specifications |
| | Read more >> |

Chipsets Supported

Manufacturer	Versions supported
Qualcomm	8210,8215,8915,71xx
Intel	1234,9898,9876

Screens and Resolutions

Manufacturer	Versions supported
Resolution	WVGA, HVGA, HD
Color Palette	Up to 262K

NFC Specs

Manufacturer	Versions supported
Resolution	WVGA, HVGA, HD
Color Palette	Up to 262K

GPS/AGPS

Manufacturer	Versions supported
Resolution	WVGA, HVGA, HD
Color Palette	Up to 262K

Source Code, Building and Debugging

| Build Overview | Here is an overview of how to build B2G, the Open Source operating system behind Firefox OS. |
| | Read more >> |

| Building and Installing Firefox OS (B2G) | How to download and build Firefox OS (B2G) in your development envionment |
| | Read more >> |

| Debugging Firefox OS (B2G) | All you need to know about debugging Firefox OS (B2G) in your development environment. |
| | Read more >> |

| Automated Testing | Here's information on how to do automated testing of Firefox OS on hardware. |
| | Read more >> |

Requesting and Adding New Features

| Bugzilla | Here you will find information on how to get a Bugzilla account and start contributing features and bugs to the B2G project |
| | Read more >> |

| Bugzilla New Feature Request | Here's a template for submitting a new feature request to Bugzilla |
| | Read more >> |

| Custom Module and Application Development | Find out more about how to create new functionality in Firefox OS (B2G) as well as creating applications to run on Firefox OS. |
| | Read more >> |

Support and contacts

| Support | Here's where you will find resources to answer questions you might have, or problems you have run into. |
| | Read more >> |

| Contact Mozilla | Have a question that isn't answered in these links and resources, then contact us directly |
| | Read more >> |