

Reviewer's Guide



Firefox® 3.5

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1. About Mozilla

Mozilla is a global community dedicated to building free, open source products and technologies that improve the online experience for people everywhere. We work in the open with a highly disciplined, transparent, and cooperative development process, under the umbrella of the non-profit Mozilla Foundation. As a wholly owned subsidiary, the Mozilla Corporation organizes the development and marketing of Mozilla products. This unique structure has enabled Mozilla to financially support and cultivate competitive, viable community innovation.

2. Introducing Mozilla Firefox® 3.5

With extensive under the hood work to support new technologies, Firefox 3.5 upgrades the Web and extends its lead as the most powerful and complete modern browser. The newest version of Firefox is more than twice as fast as Firefox 3 and ten times as fast as Firefox 2 on complex websites. Firefox 3.5 is the best performing browser Mozilla has ever released and includes exciting features such as radically improved JavaScript performance, new Private Browsing, native support for open video and audio, and Location Aware Browsing.

At the heart of Firefox is a global, open source development process driven by a large community of passionate contributors: thousands of experienced developers, security experts, localization and support communities in over 60 countries, and tens of thousands of active testers. Our transparency and active community of experts help to ensure our products are more secure and are updated quickly.

More than 6,000 free add-ons are available to customize Firefox and make the browser your own by adding functionality or changing the browser's appearance, directly from the Add-ons Manager.

Firefox is available for Windows, Mac OS X, and Linux in over 70 languages, more platforms and languages than any other browser. You can download Firefox 3.5 at firefox.com.

3. What's New in Firefox® 3.5?

A Browser for Everyone

improved

Firefox speaks more languages than any other browser. Available in over 70 different languages, from French and Chinese to Finnish and Czech, Firefox delivers a better browsing experience for everyone – including users who have visual or mobility impairments. Firefox provides advanced text information, such as details about font styles and spelling errors, to users of modern screen readers. Firefox also includes support for DHTML accessibility. Web developers can create pages that reduce the amount of tabbing required to navigate a document, which minimizes keystrokes for those with mobility disabilities.

Performance

improved

Welcome to the fastest Firefox ever. Firefox 3.5 is more than twice as fast as Firefox 3, and ten times as fast as Firefox 2 in JavaScript performance. Web applications like email, photo sites, online word processors and more will feel snappier and more responsive.

Firefox Performance: Fast – Faster – *Fastest*

Results of a Sunspider test on a Windows XP machine

Firefox 2



18,148 ms

Firefox 3



3,669 ms

Firefox 3.5

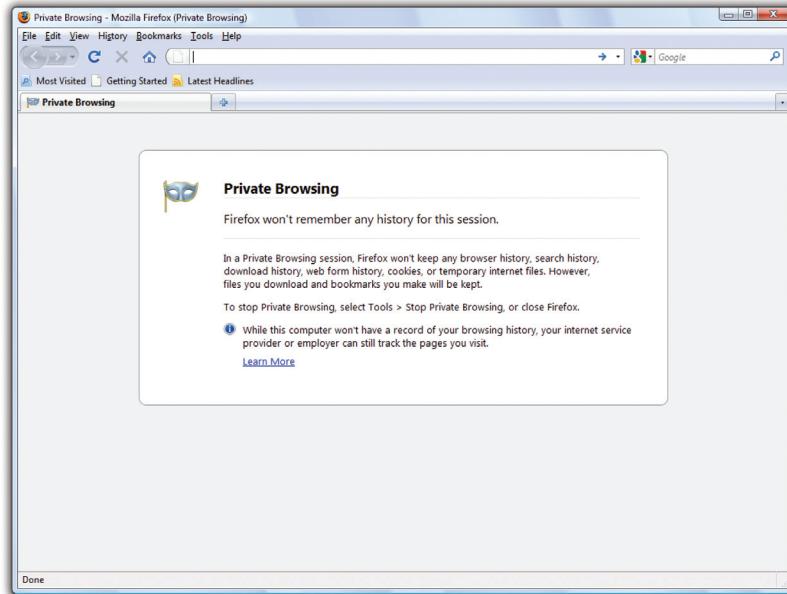


1,524 ms!



Private Browsing new

Firefox 3.5 protects your privacy. Suppose you're shopping for a surprise gift, so you don't want the sites you've been viewing stored in your browser's history. You can enter private browsing mode by going to Tools->Start Private Browsing. A simple dialog screen confirms you've entered this mode and nothing you encounter on the Web will be recorded from that moment: none of the websites you visit and none of the cookies you collect will be saved. Exit private browsing mode through the Tools menu again and you're back to normal browsing.



Forget this Site new

Having second thoughts after visiting a certain website? With this feature, you can remove every trace of that site from your browser—no questions asked! Open the History Sidebar from the View menu, select a website and then select Forget This Site from the right-click menu.

Clear Recent History improved

Clear all your private data or just your activity over the past few hours with a few quick clicks. You have full control over what to delete and that information is gone for good—on your own computer or the one at your local library. You can find this feature in the Tools menu.

Open Video and Audio new

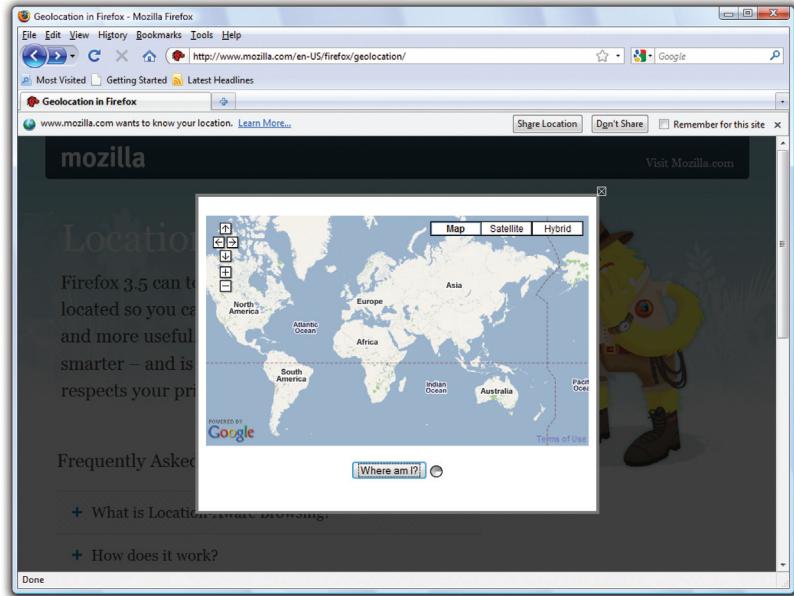
Firefox 3.5 delivers the first native integration of audio and video directly into the browser. You can easily watch open format Ogg Theora videos without the need for plugins. This enables Web developers to deliver more compelling and interactive Web pages by including rich media that supports Web standards.



Location Aware Browsing

[new](#)

New in Firefox 3.5, Location Aware Browsing saves you time by allowing websites to ask you where you are. If you choose to share your location with a website, it can use that information to find nearby points of interest and return additional, useful data like maps of your area. It's all optional – Firefox doesn't share your location without your permission.



Tear off Tabs

new

Get your sites in order. Arrange the order of your tabs by dragging them with one move of your mouse. Or, if your browser window is getting cluttered with too many tabs, just drag a tab out of its existing spot and it will open in a new window.

Awesome Bar

improved

A quick way to get to the sites you love—even the ones with addresses you only vaguely remember. Enhancements for Firefox 3.5 offer better performance and give you greater control over the sources for results in the Awesome Bar.

More than 6,000 Ways to Customize your Browser

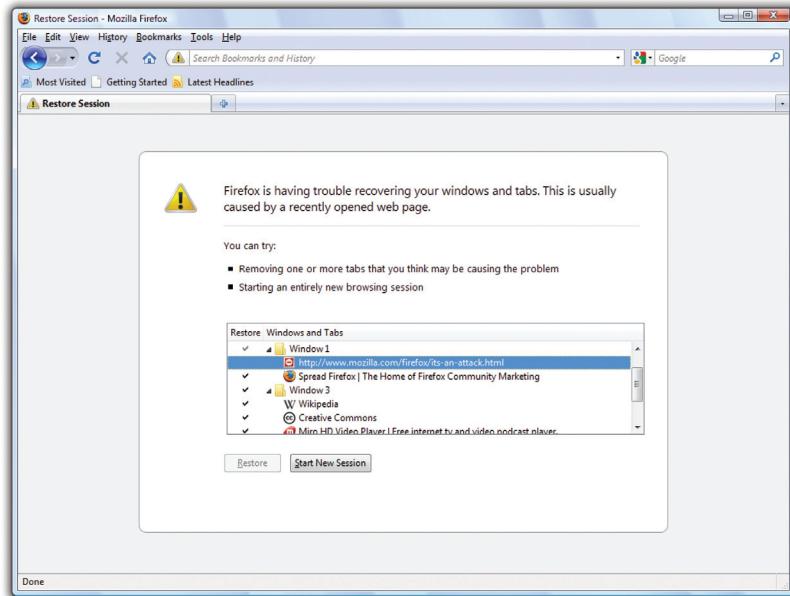
improved

The sky's the limit with a growing library of over 6,000 free Firefox add-ons, little extras you download and install for a browser that works your way. Manage online auctions, upload digital photos, see the weather forecast in a glance and listen to music all within Firefox. If you're not sure where to begin, try Fashion Your Firefox—a handy Web application that recommends add-ons based on your interests. Get it at www.fashionyourfirefox.com.



Session Restore improved

Restart the browser without losing your place after you install an add-on or software update. If Firefox or your computer unexpectedly shuts down, you don't have to spend time recovering data or retracing your steps through the Web. If you were in the middle of typing an email, you'll pick up where you left off, even down to the last word you typed. Session Restore instantly brings back your windows and tabs, restoring text you entered and any in-progress downloads.



4. Under the Hood

Firefox 3.5 upgrades the Web with new features and platform updates that allow Web developers to create the next generation of Web content. The new TraceMonkey JavaScript engine delivers unprecedented performance, so Firefox 3.5 is more than twice as fast as Firefox 3. Native support for open video and audio, downloadable fonts, JSON, Web worker threads, and support for the newest Web technologies open the door to richer, more interactive experiences on the Web.

TraceMonkey JavaScript Engine new

Firefox 3.5 includes the TraceMonkey JavaScript engine. The TraceMonkey engine enables new kinds of Web applications by compiling code as you execute it, allowing many types of CPU-intensive applications to run at near-native speed.

Web Worker Threads new

Multithreading support finally comes to the Web through the new Web workers feature, which allows JavaScript code to spawn off threads to handle tasks in the background. Web applications can now take advantage of modern multi-core processors.



Next-Generation Web Graphics

improved

The rendering of text and graphics, including SVG and Canvas, is faster and sharper than ever before, thanks to our upgraded graphics engine. Firefox 3.5 automatically color corrects images that have the color profile data included (like your digital photos) to make sure the colors are exactly as intended.

Newest Web Technologies

- CSS2.1
- CSS3
- HTML5
- SVG Filters
- Ogg Vorbis
- Ogg Theora
- Native JSON
- MathML
- Animated Portable Network Graphics (APNG)
- Cross-Site XMLHttpRequest
- Microformats
- Web Worker Threads

Downloadable Fonts new

View a wider variety of fonts on websites while you surf. Site designers and developers can create custom fonts that will be displayed and rendered properly even if you don't have that font installed on your computer.

Native JSON new

Firefox 3.5 has improved support for JSON, with native handling of JSON data objects - used by many modern Web mashups - to make encoding and decoding JSON faster than ever before.

New Drag and Drop API new

Firefox 3.5 introduces a new API for handling drag and drop, letting Web applications support this technology better than before, with more refined drag and drop events, better support for specifying drag targets, and more.

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