

Firefox 22 launches the official version: Supports 3D games, video calls, file sharing

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Mozilla recently released the official version of the **Firefox 22** browser, following the launch of May. In this official version, Mozilla's browser will support some interesting features such as 3D games, video calls, file sharing, creating favorable conditions for developers to develop applications that run right on browser background without plugins or 3rd party software.



Mozilla's Vice President **Johnathan Nightingale** said on the *Thenextweb* page that currently, the usage of the user's browser is different. "*Firefox has gone through 15 years of development and now, the time it takes for people to browse the browser is more than they spend time driving or in bed.*"

Nightingale thinks that the browser is a key application that helps users connect to the Internet. It is used by users to find information and software for their needs. He stressed that in today's world, browser developers must make them high-speed, as well as meet other users' needs.

"*Internet users now find ways to communicate with each other. No matter what device they use, mobile, laptop, desktop, they all want to share data with others quickly. No need to install the software in a messy, costly way,*" Nightingale added.

With Firefox 22, Mozilla said that developers will be provided with tools to make their applications run well on the browser platform by supporting asm.js - " *a subset of JavaScript helps darken Better code optimization*," said Technical Director **Vladimir Vukicevic** of Mozilla in March. Through this tool, applications such as 3D games and image processing services can be used directly on Firefox.

Mozilla also supports Emscripten - a tool that compiles applications written in C ++ to Javascript - to bring high-performance applications to a web browser.

In addition, the new Firefox will support **Web Real-Time Communications** (*WebRTC*) real-time web interaction standard, enabling developers to write web applications that allow users to make video calls from the process. browse without the need for additional plugins.

According to what Mozilla demonstrates, their technology can integrate deeply with users' phones, " *making it easy to call (video and audio) and share files*" .

To demonstrate the advantages of these new features, Mozilla has developed a 3D game called BananaBread created from WebRTC, asm.js, WebGL, and Emscripten tools.

According to Nightingale Vice President, some of Firefox's new features are now available on both the computer version (*with hundreds of millions of users*) and mobile (*10 million users*). Accordingly, on the mobile version, there will be 2 features WebRTC and asm.js. However, for tablets, the new version of Firefox for tablets will have a more optimized user interface.



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