

Google released Chrome 24 the fastest ever

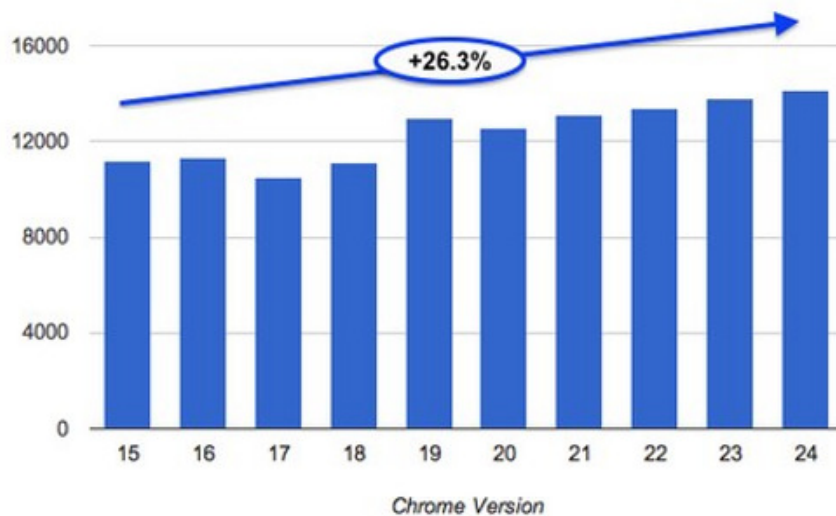
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From now on, users can download Chrome 24 for free here.

Basically, Chrome 24 does not have much change in functionality, but there has been a significant improvement in performance and patching of serious security holes.

Similar to Firefox 18 that was released yesterday, Google has also equipped Chrome with 24 new JavaScript processors.



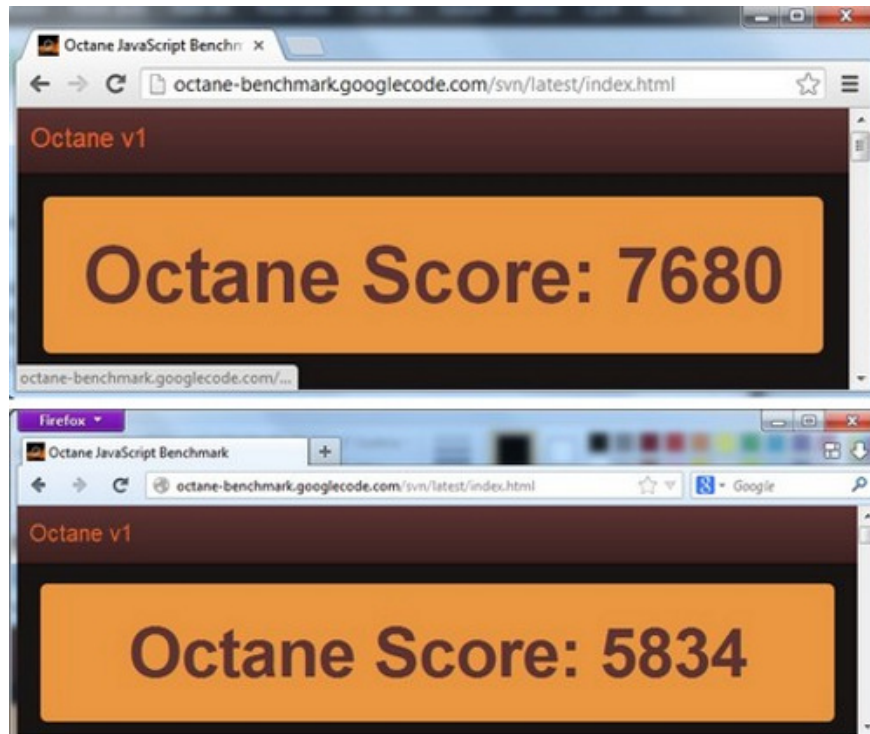
The processing speed of the Chrome browser continues to improve with each new release

Accordingly, right from the Chrome 24 Beta version, Google announced that the new processor will help this version reach 26% faster than the Chrome 15 version (launched exactly 1 year ago). , and indeed when Chrome 24 was officially released, it was obvious that Google was not exaggerating.

After installing and using Chrome 24, you can easily see the speed of processing and browsing of this new version has been significantly improved compared to the previous version, despite previous versions of Chrome has been famous for its speed and processing performance.

In addition, Google said it did not want to waste any moment from the user, thus improving the overall speed on Chrome 24, including startup speed, conversion speed among tab or speed to open a new tab .

Many major technology sites and Google themselves have called Chrome 24 the fastest version of Chrome ever.



Using the Octane tool to score JavaScript handling, Chrome 24 (above) outperforms Firefox 18 (below).

The image shows a browser window displaying the SunSpider 0.9.1 JavaScript benchmark results. The table below summarizes the performance comparison between two browsers.

TEST	COMPARISON	FROM	TO
** TOTAL **:	1.163x as fast	300.3ms +/- 1.8%	258.2ms +/- 3.2%
3d:	1.145x as fast	48.9ms +/- 2.0%	42.7ms +/- 15.1%
cube:	1.21x as fast	17.0ms +/- 2.0%	14.0ms +/- 23.6%
morph:	*1.30x as slow*	9.8ms +/- 4.6%	12.7ms +/- 16.6%

Using the SunSpider grading tool also shows Chrome 24 (the right result) 1.1 times faster than Firefox 18

In addition, Google has equipped Chrome 24 with IndexedDB feature, which has been researched and developed by Google for many years. This feature allows to increase data storage capacity to use websites or online applications as soon as the computer has no Internet connection. This will allow Chrome to use Google applications like Gmail or Google Docs in offline mode (without Internet connection).

In terms of security, Google has also patched 24 security holes, including 11 security vulnerabilities that are seriously evaluated, 8 at medium level and 5 at low level. Serious security holes are primarily related to Flash add-ons and PDF files reading on Chrome browsers.

It is known that Google spent \$ 6,000 to pay security experts to detect security holes on Chrome 24 Beta before this version was officially completed. Remarkably, there is one of the most serious security flaws, discovered by two Facebook security experts, that have received bonuses of up to \$ 4,000.

Now Chrome is still the most popular and widely used web browser today, especially when each new version is released, making Google admire the technology to significantly improve the speed. there. And the fact that Chrome is occupying the '*king*' on the '*browser race*' deserves what Google is doing.

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