

Mozilla and Chrome Issues

By *Roy Schestowitz*

Created *14/09/2021 - 5:58pm*

Submitted by Roy Schestowitz on Tuesday 14th of September 2021 05:58:36 PM Filed under [Google](#) [1] [Moz/FF](#) [2] [Web](#) [3]

- [The Talospace Project: Firefox 92 on POWER](#) [4]

Firefox 92 is out. Alongside some solid DOM and CSS improvements, the most interesting bug fix I noticed was a patch for open alerts slowing down other tabs in the same process. In the absence of a JIT we rely heavily on Firefox's multiprocessor capabilities to make the most of our multicore beasts, and this apparently benefits (among others, but in particular) the Google sites we unfortunately have to use in these less-free times. I should note for the record that on this dual-8 Talos II (64 hardware threads) I have `dom.ipc.processCount` modestly increased to 12 from the default of 8 to take a little more advantage of the system when idle, which also takes down fewer tabs in the rare cases when a content process bombs out. The delay in posting this was waiting for the `firefox-appmenu` patches, but I decided to just build it now and add those in later. The `.mozconfigs` and LTO-PGO patches are unchanged from Firefox 90/91.

- [Mozilla bypasses Microsoft, makes it easier to set Firefox as default browser in Windows](#) [5]

Changing the default apps such as browsers in Microsoft Windows 10 is not a straightforward process. While this means that users have to jump through extra hoops to set up, let's say, Mozilla Firefox as their default browser, it also means that vendors such as Mozilla face more competition from Microsoft's own offering, which is Edge. The bad news is that in Windows 11, this is becoming even more cumbersome for end-users and vendors as the OS requires users to change the default browser for each type of extension individually.

- [Firefox 94 will change the output for X11 to use EGL by default](#) [6]

A nightly builds build that will on the Firefox 94 release to added to the change has been include a new rendering backend by default for graphical environments that use the X11 protocol. The new backend is notable for the use of the interface for displaying graphics EGL instead of GLX. The backend supports the open source Mesa 21.x OpenGL drivers and the proprietary NVIDIA 470.x drivers. AMD proprietary OpenGL drivers are not yet supported.

"A nightly builds build that will on the #Firefox 94 release to added to the change has been include a new rendering backend by default for graphical environments that use the X11 protocol." <https://www.itsfoss.net/firefox-94-will-change-the-output-for-x11-to-use-egl-by-default/>

- [Chrome update 93.0.4577.82 fixing 0-day vulnerabilities](#) [7]

Google has formed a Chrome 93.0.4577.82 update, which fixes 11 vulnerabilities, including two issues already used by hackers exploits (0-day). The details have not yet been disclosed, it is only known that the first vulnerability (CVE-2021-30632) is caused by an error leading to an out-of-buffer write in the V8 JavaScript engine, and the second problem (CVE-2021-30633) is present in the Indexed DB API implementation and is connected with access to the memory area after its release (use-after-free).

- [Google Releases Security Updates for Chrome](#) [8]

Google has released Chrome version 93.0.4577.82 for Windows, Mac, and Linux. This version addresses vulnerabilities that an attacker could exploit to take control of an affected system.

[Google Moz/FF Web](#)

Source URL: <http://www.tuxmachines.org/node/155632>

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- [5] <https://www.neowin.net/news/mozilla-bypasses-microsoft-makes-it-easier-to-set-firefox-as-default-browser-in-windows/>
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