

Mozilla: WebXR, DevTools and More

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- [Mozilla VR Blog: Bringing WebXR to iOS](#) [2]

The first version of the WebXR Device API is close to being finalized, and browsers will start implementing the standard soon (if they haven't already). Over the past few months we've been working on updating the WebXR Viewer (source on github, new version available now on the iOS App Store) to be ready when the specification is finalized, giving developers and users at least one WebXR solution on iOS. The current release is a step along this path.

Most of the work we've been doing is hidden from the user; we've re-written parts of the app to be more modern, more robust and efficient. And we've removed little-used parts of the app, like video and image capture, that have been made obsolete by recent iOS capabilities.

There are two major parts to the recent update of the Viewer that are visible to users and developers.

- [Faster smarter JavaScript debugging in Firefox DevTools](#) [3] [Ed: Mozilla needs to delete GitHub and other proprietary software. On several fronts they're now in violation of their mission statement/spirit. Too many projects hosted on Microsoft servers, chats in spying firms.]

Script debugging is one of the most powerful and complex productivity features in the web developer toolbox. Done right, it empowers developers to fix bugs quickly and efficiently. So the question for us, the Firefox DevTools team, has been, are the Firefox DevTools doing it right?

We've been listening to feedback from our community. Above everything we heard the need for greater reliability and performance; especially with modern web apps. Moreover, script debugging is a hard-to-learn skill that should work in similar fashion across browsers, but

isn't consistent because of feature and UI gaps.

With these pain points in mind, the DevTools Debugger team ? with help from our tireless developer community ? landed countless updates to design a more productive debugging experience. The work is ongoing, but Firefox 67 marks an important milestone, and we wanted to highlight some of the fantastic improvements and features. We invite you to open up Firefox Quantum: Developer Edition, try out the debugger on the examples below and your projects and let us know if you notice the difference.

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[A few words on main thread disk access for general audiences](#) [4]

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[Virtual Private Social Network: Tales of a BBM Exodus](#) [5] [Ed: Mozilla's Chris H-C on what happens when you rely on a single for-profit company (now a patent troll actually) and proprietary software for communications]

On Thursday April 18, my primary mechanism for talking to friends notified me that it was going away. I'd been using BlackBerry Messenger (BBM) since I started work at Research in Motion in 2008 and had found it to be tolerably built. It messaged people instantly over any data connection I had access to, what more could I ask for?

The most important BBM feature in my circle of contacts was its Groups feature. A bunch of people with BBM could form a Group and then messages, video, pictures, lists were all shared amongst the people in the group.

Essentially it acted as a virtual private social network. I could talk to a broad group of friends about the next time were getting together or about some cute thing my daughter did. I could talk to the subset who lived in Waterloo about Waterloo activities, and whose turn it was for Sunday Dinner. The Beers group kept track of whose turn it was to pay, and it combined nicely with the chat for random nerdy tidbits and coordinating when each of us arrived at the pub. Even my in-laws had a group to coordinate visits, brag about child developmental milestones, and manage Christmas.

[Moz/FF](#)

Source URL: <http://www.tuxmachines.org/node/123983>

Links:

[1] <http://www.tuxmachines.org/taxonomy/term/118>

[2] <https://blog.mozvr.com/updating-the-webxr-viewer/>

[3] <https://hacks.mozilla.org/2019/05/faster-smarter-javascript-debugging-in-firefox/>

[4] <https://mikeconley.ca/blog/2019/05/16/a-few-words-on-main-thread-disk-access-for-general-audiences/>

[5] <https://chuttenblog.wordpress.com/2019/05/16/virtual-private-social-network-tales-of-a-bbm-exodus/>