Web Browsers Leftovers

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• **Thoughts about WebAssembly outside-the-browser, inside-the-desktop** [2]

  Some reflections about WebAssembly, the Bytecode Alliance and desktop application development.

  To know more about the Bytecode Alliance (WebAssembly outside-the-browser), you can read this nice article by Mozilla.

• **Enter Our College Essay Contest for a Chance to Win $5,000** [3]

  One winner will have their essay published and featured on Pocket. And that's not all. The winner will also receive a personal mentorship call with a Mozilla executive and take home a $5,000 cash prize.

• **Google Chrome will soon load pages faster on Windows, Linux and macOS** [4]

  Google is working on an update for its web browser Chrome that will improve the speeds of clients for Windows, Linux and macOS.

  As reported by Windows Latest, Google is planning to introduce support for back-forward cache on desktop platforms with Google Chrome 92. The feature, which has long be available on Android, enables instantaneous page loading when users click the back or forward buttons.
Chrome OS 90 arrives late for some Chromebooks, brings Android 11

After rolling out to most Chrome OS devices a few weeks ago, the latest Stable Channel update is here for the Chromebooks that have been waiting. While Chrome OS 90 arrives late for some Chromebooks, it brings Android 11 in the new containerized environment to them. There are still three Chromeboxes currently running on Chrome OS 89.

Exploiting custom protocol handlers for cross-browser tracking in Tor, Safari, Chrome and Firefox

The actual implementation of the exploit varies by browser, however the basic concept is the same. It works by asking the browser to show a confirmation dialog in a popup window. Then the JavaScript code can detect if a popup has just been opened and detect the presence of an application based on that.