Since January, Igalia has been working on a project whose goal is to make the latest Chromium Browser able to run natively on Wayland-based environments. The project has various phases, requires us to carve out existing implementations and align our work with the direction Chromium’s mainline is taking.

In this post I will provide an update on the progresses we have made over 2017/H1, as well as our plans coming next.

In order to jump straight to the latest results section (including videos) without the details, click here.
work, Chrome for play, customized settings for each. There are multiple things that bug me about the Chrome product, for sure, but I’m OK with Chrome. I just don’t like only being on Chrome.

Firefox hogs less memory and gets a speed bump in its latest update [6]

In an attempt to even the playing field with competitors, Mozilla Firefox stepped up its game Tuesday by releasing an update that will increase browser speeds and cut down on memory usage.

Firefox 54 has opened up its upper limit of processes from one to four, although users can customize it to be more by entering ?about:config? in the address bar and adjusting the settings themselves.

This new version of Firefox feels faster and it scores higher on an online browser speed test than Chrome or Safari, even after opening 20 tabs, although it still gives the old loading sign on all of the pages. Firefox product vice president Nick Nguyen calls this upgrade ?the largest change to Firefox code in our history,? according to his blog post detailing the changes.

Firefox memory usage with multiple content processes [7]

My previous measurements found that four content processes are a sweet spot for both memory usage and performance. As a follow up we wanted to run the tests again to confirm my conclusions and make sure that we’re testing on what we plan to release. Additionally I was able to work around our issues testing Microsoft Edge and have included both 32-bit and 64-bit versions of Firefox on Windows; 32-bit is currently our default, 64-bit is a few releases out.

The methodology for the test is the same as previous runs, I used the atsy project to load 30 pages and measure memory usage of the various processes that each browser spawns during that time.