

Firefox 4

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Mozilla

FirefoxTM



Apologies for a preso
whipped up
yesterday night!



Agenda

- IT is switching to the Cloud: What about freedom there ?
- Firefox 4 in this context
- The browser as a platform (demos)



Whether we want it or
not, the Cloud
paradigm is taking
over computing



Challenges for browsers

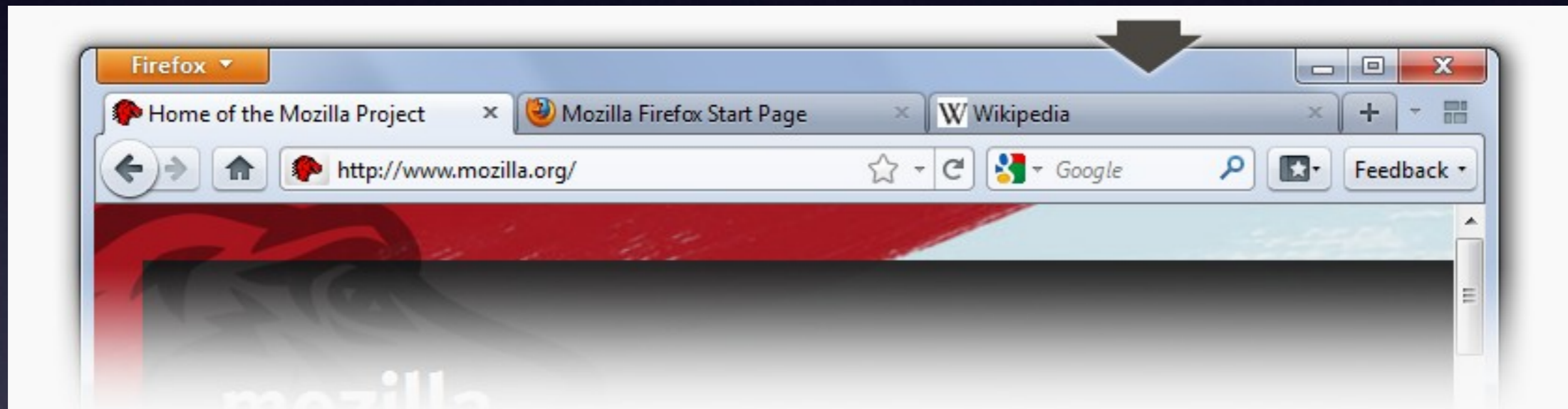
- The browser needs to evolve to reflect the fact we use it all day long
- Limited capabilities as a development platform
- Privacy & centralization
- Need for a Mobile version of a modern browser



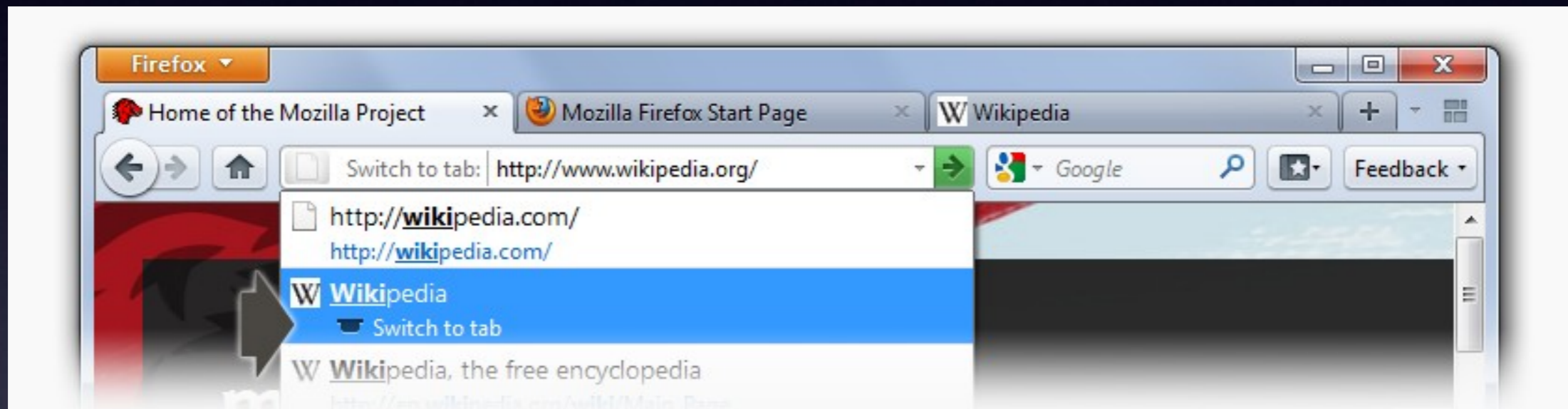
Firefox 4: User Interface & user-facing features



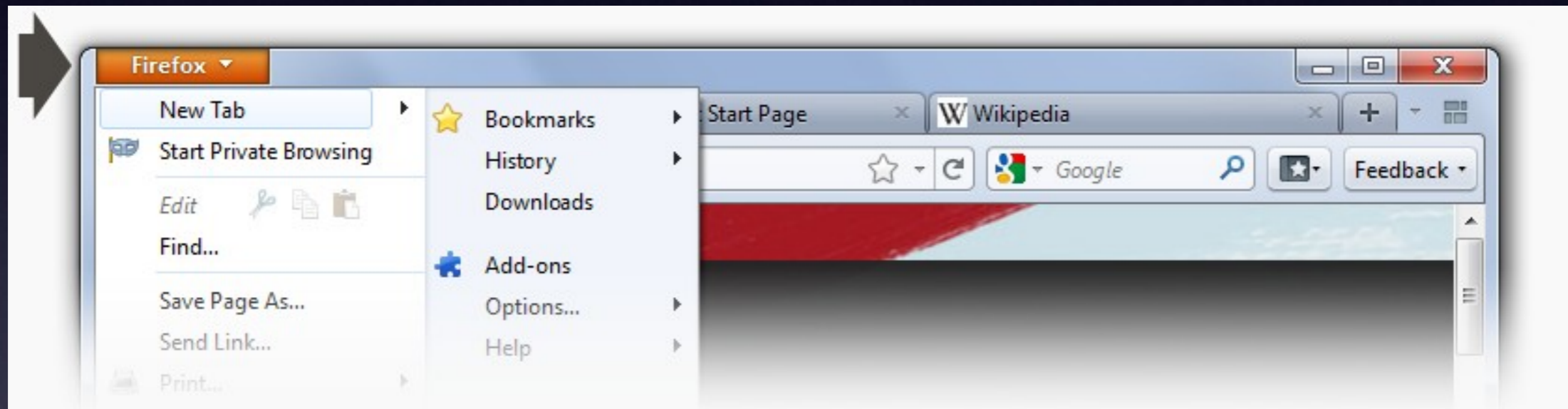
Tabs on top



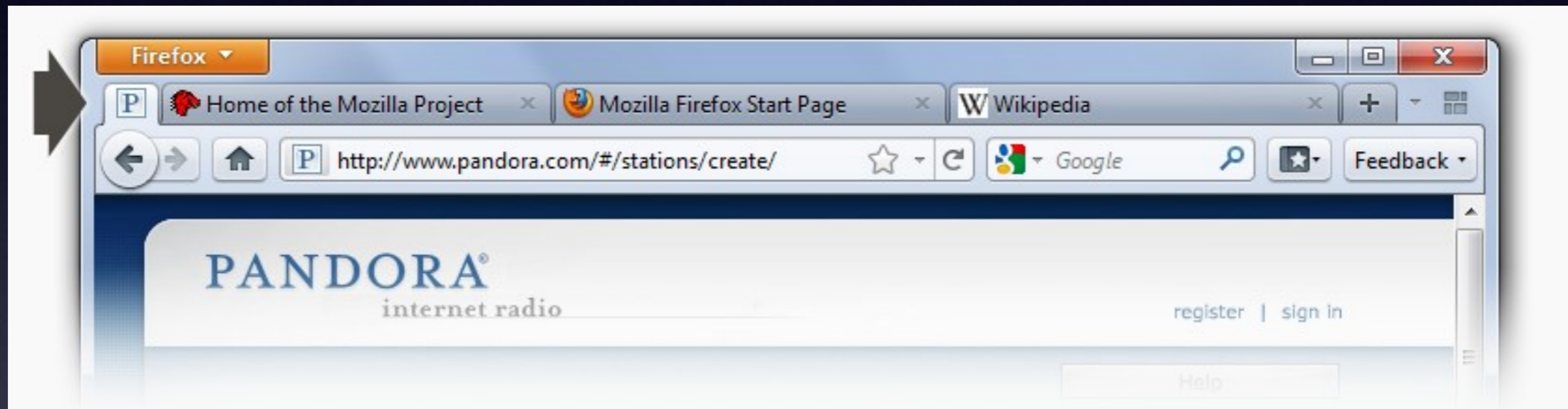
Switch to tab



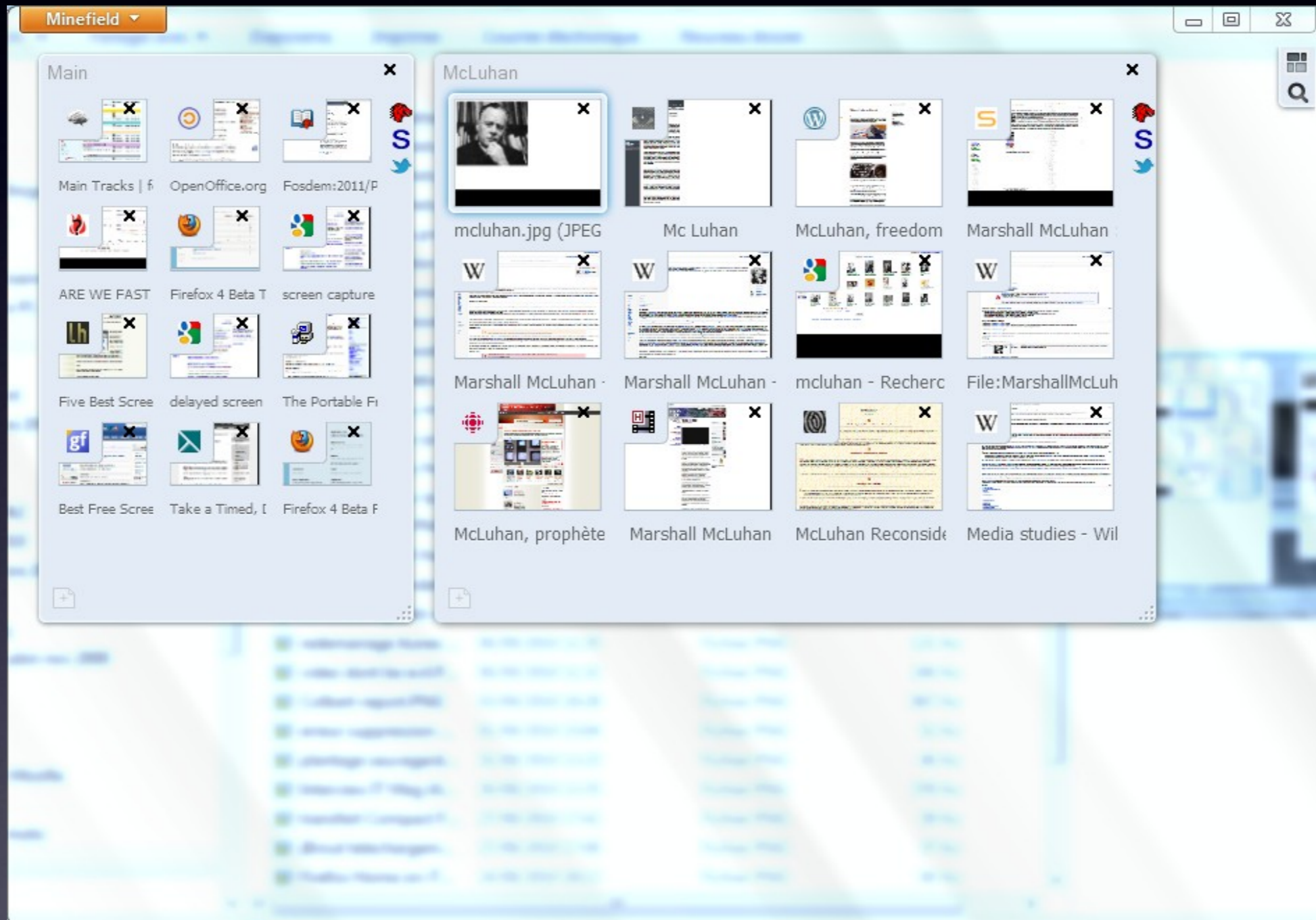
Firefox button



App Tabs



Panorama



Firefox 4: Performance

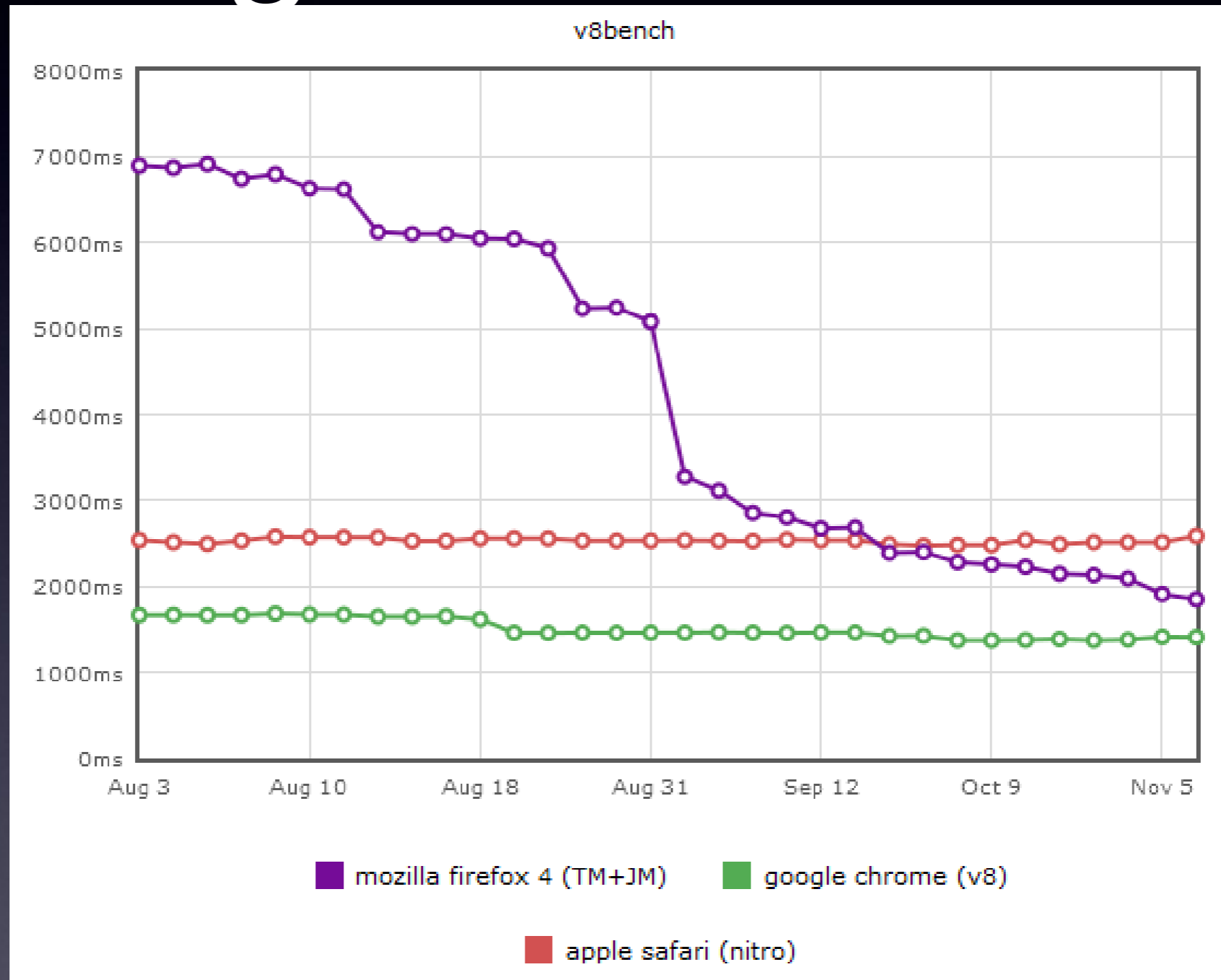


Firefox 4 performance

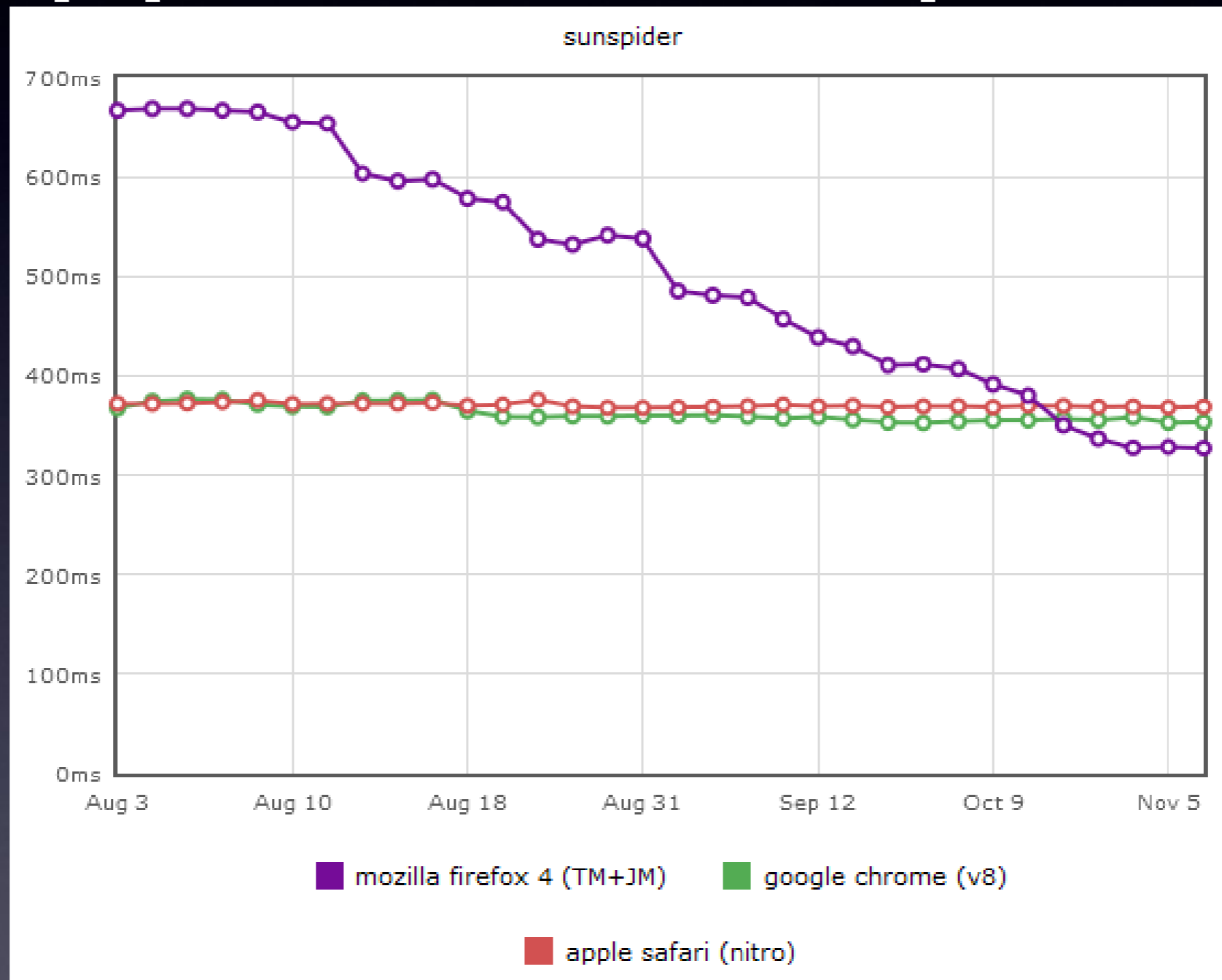
- Start-up time
- JavaScript : JaegerMonkey
- Hardware acceleration (YMMV)
- Optimizations
 - Compartments, retained layers...
- Streamlining the experience



JaegerMonkey on Google's V8Bench



JaegerMonkey on Apple's SunSpider



Streamlining the User Interface

- No more updating add-ons at start-up
- No more reloading old tabs at start-up (unless you want, see `about:home`)
- Installing an add-on may not require re-start



Raising the bar on privacy

- TACO and BetterPrivacy extensions to opt-out from Ad network tracking
- Adblock Plus and NoScript for added security
- Do-Not-Track HTTP Header in Firefox 4
- Firefox Sync service is encrypted on the client side *and* you can run it on your own server



Firefox 4 for Mobile

- Same engine as Firefox 4
- Experience optimized for small screens and tiny keyboards
- Running on Android and Maemo/Meego
- Shipping soon!



Call to action

- Download Firefox 4 Beta !
<http://mozilla.com/firefox/beta>
- Open a Bugzilla account:
<https://bugzilla.mozilla.org/>
- Help us with the GNU/Linux version



The Web browser as a platform for developers

(Anthony Ricaud)





Thank you!