

# Web Performance devroom

Room: [H.2214](#)  
Calendar: [iCal](#), [xCal](#)

	09	10	11	12	13	14	15	16	17	18
Sunday	The...	Let'...	Bet...	K...	W: Un...	Wri...	F...	In...		

Read the Call for Papers at <https://lists.fosdem.org/pipermail/fosdem/2023q4/003501.html>.

**Join the chat ->**



Event	Speakers		
<b>Sunday</b>			
The importance of Web Performance to Information Equity	Bas Schouten	09:00	09:30
Let's build a RUM system with open source tools	Tsvetan Stoychev	09:30	10:00
Better than loading fast... is loading instantly!	Barry Pollard	10:00	10:30
Keyboard Interactions in the INP Performance Metric	Patricija Cerkaite	10:30	10:50
Web Performance at Mozilla and Wikimedia	Dave Hunt, Peter Hedenskog	10:50	11:00
Understanding how the web browser works, or tracing your way out of (performance) problems	Alexander Timin	11:00	11:30
Writing fast JavaScript with Data-Oriented Design	Markus Stange	11:30	12:00
From Google AdSense to FOSS: Lightning-fast privacy-friendly banners	Tim Vereecke	12:00	12:20
Insights from the RUM Archive	Robin Marx	12:20	12:45

# Performance @ Wikimedia FOSDEM 2024



**WIKIMEDIA**  
FOUNDATION



**We want to find  
performance  
regressions ...**





# Performance @ Mozilla

FOSDEM 2024

03.02.24

Dave Hunt (he/him) — @dave@mozilla.social

**“Measure what is measurable, and  
make measurable what is not so.”**

**Galileo Galilei**

Philosopher, astronomer, mathematician

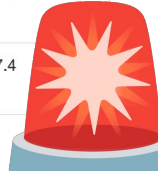
Perfherder ▾ Graphs Compare Alerts Tests Help ▾ Dave Hunt ▾

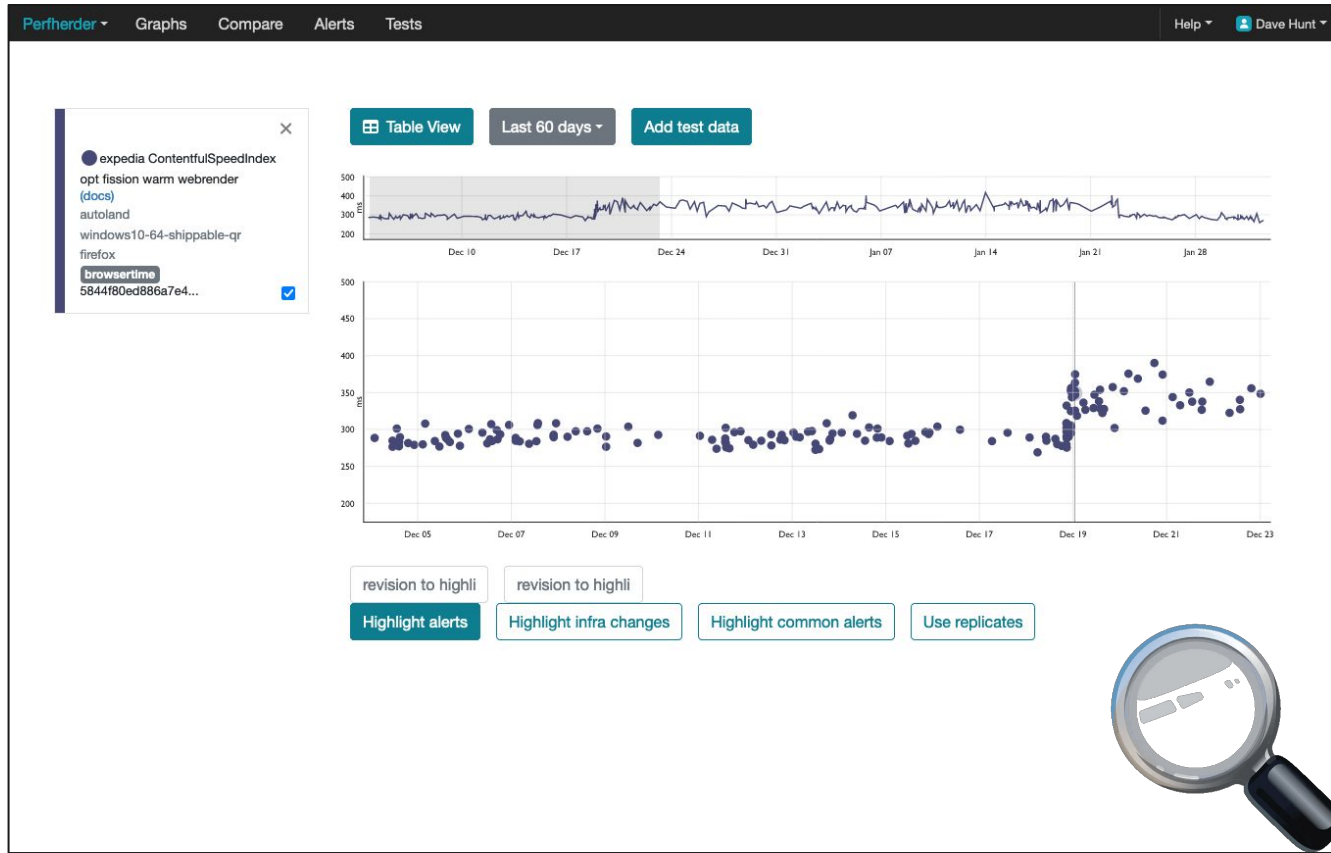
expedia windows Hide downstream / reassigned to / invalid

**browsertime** Alert #40735 - autoland - 2.34 - 54.77% addMabN time\_duration / expedia ContentfulSpeedIndex / expedia FirstVisualChange / expedia LastVisualChange / expedia PerceptualSpeedIndex / expedia SpeedIndex / expedia fcp / expedia largestContentfulPaint / expedia loadtime / netflix ContentfulSpeedIndex / netflix LastVisualChange / netflix PerceptualSpeedIndex / netflix SpeedIndex / netflix largestContentfulPaint / netflix loadtime / office fcp / office largestContentfulPaint / office loadtime / youtube LastVisualChange / youtube PerceptualSpeedIndex / youtube SpeedIndex / youtube largestContentfulPaint / youtube loadtime (linux1804-64-shippable-qr, macosx1015-64-shippable-qr, windows10-64-shippable-qr) investigating ▾

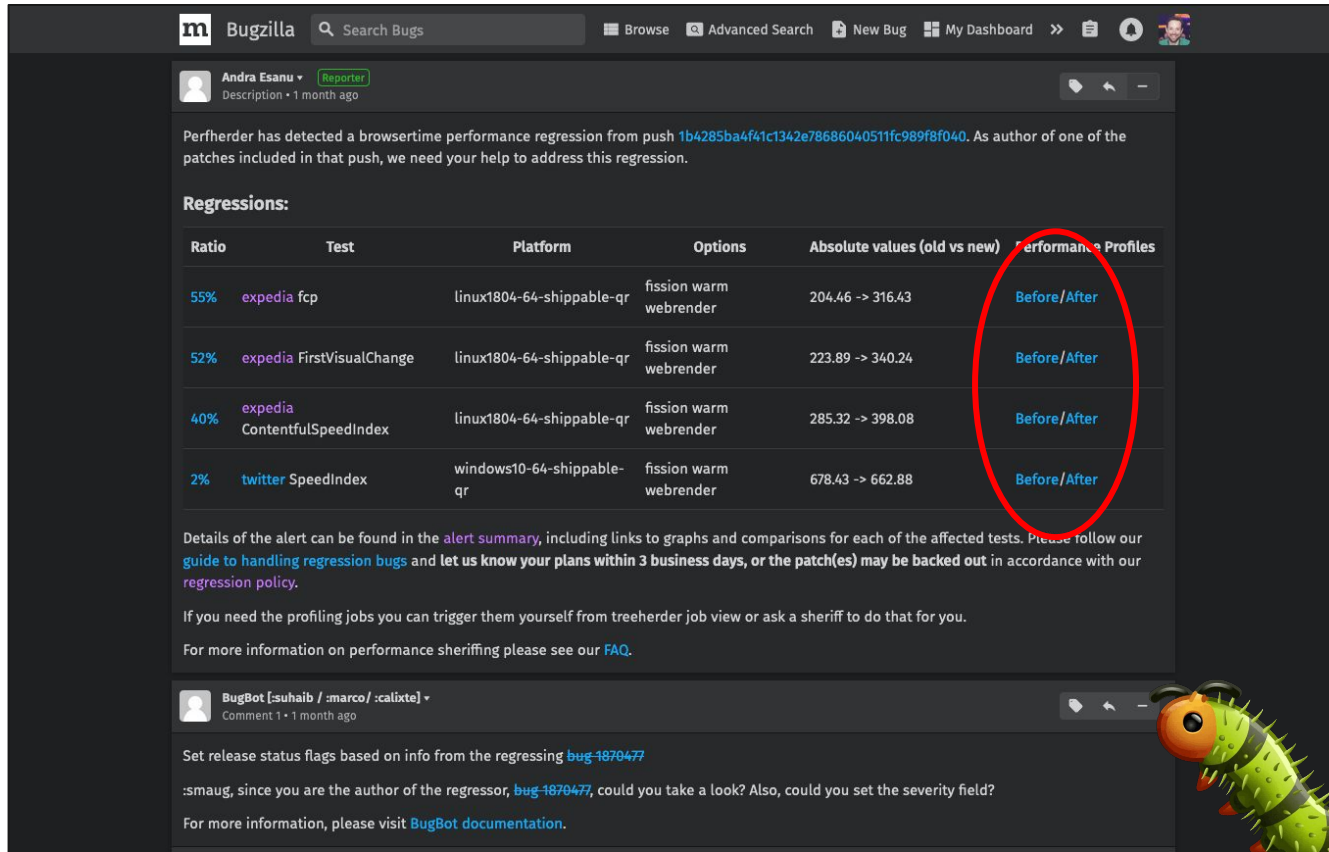
Mon Dec 18 22:53 2023

Test ▾	Platform ▾	Debug Tools ▾	Information ▾	Tags & Options ▾	Magnitude of Change ▾	Confidence ▾
<input type="checkbox"/> ☆ <a href="#">expedia fcp</a> (reassigned from <a href="#">alert #40724</a> )	Windows		OK	fission warm ...	25.19% 192.5  241.0	7.64
<input type="checkbox"/> ☆ <a href="#">expedia SpeedIndex</a> (reassigned from <a href="#">alert #40724</a> )	Windows	None	OK	fission warm ...	13.87% 354.7  403.8	7.77
<input type="checkbox"/> ☆ <a href="#">expedia ContentfulSpeedIndex</a> (reassigned from <a href="#">alert #40724</a> )	Windows	None	OK	fission warm ...	16.56% 289.2  337.1	7.68
<input type="checkbox"/> ☆ <a href="#">expedia PerceptualSpeedIndex</a> (reassigned from <a href="#">alert #40724</a> )	Windows	None	OK	fission warm ...	3.85% 756.5  785.6	7.57
<input type="checkbox"/> ☆ <a href="#">expedia FirstVisualChange</a> (reassigned from <a href="#">alert #40724</a> )	Windows	None	OK	fission warm ...	22.74% 219.0  268.8	7.4







The screenshot shows a Bugzilla alert from Andra Esanu, reporting a performance regression. The alert includes a table of affected tests and a comment from BugBot. A red circle highlights the 'Performance Profiles' column in the table.

Perfherder has detected a browsertime performance regression from push [1b4285ba4f41c1342e78686040511fc989f8f040](#). As author of one of the patches included in that push, we need your help to address this regression.

**Regressions:**

Ratio	Test	Platform	Options	Absolute values (old vs new)	Performance Profiles
55%	expedia fcp	linux1804-64-shippable-qr	fission warm webrender	204.46 -> 316.43	<a href="#">Before/After</a>
52%	expedia FirstVisualChange	linux1804-64-shippable-qr	fission warm webrender	223.89 -> 340.24	<a href="#">Before/After</a>
40%	expedia ContentfulSpeedIndex	linux1804-64-shippable-qr	fission warm webrender	285.32 -> 398.08	<a href="#">Before/After</a>
2%	twitter SpeedIndex	windows10-64-shippable-qr	fission warm webrender	678.43 -> 662.88	<a href="#">Before/After</a>

Details of the alert can be found in the [alert summary](#), including links to graphs and comparisons for each of the affected tests. Please follow our [guide to handling regression bugs](#) and let us know your plans within 3 business days, or the patch(es) may be backed out in accordance with our [regression policy](#).

If you need the profiling jobs you can trigger them yourself from treeherder job view or ask a sheriff to do that for you.

For more information on performance sherrifing please see our [FAQ](#).

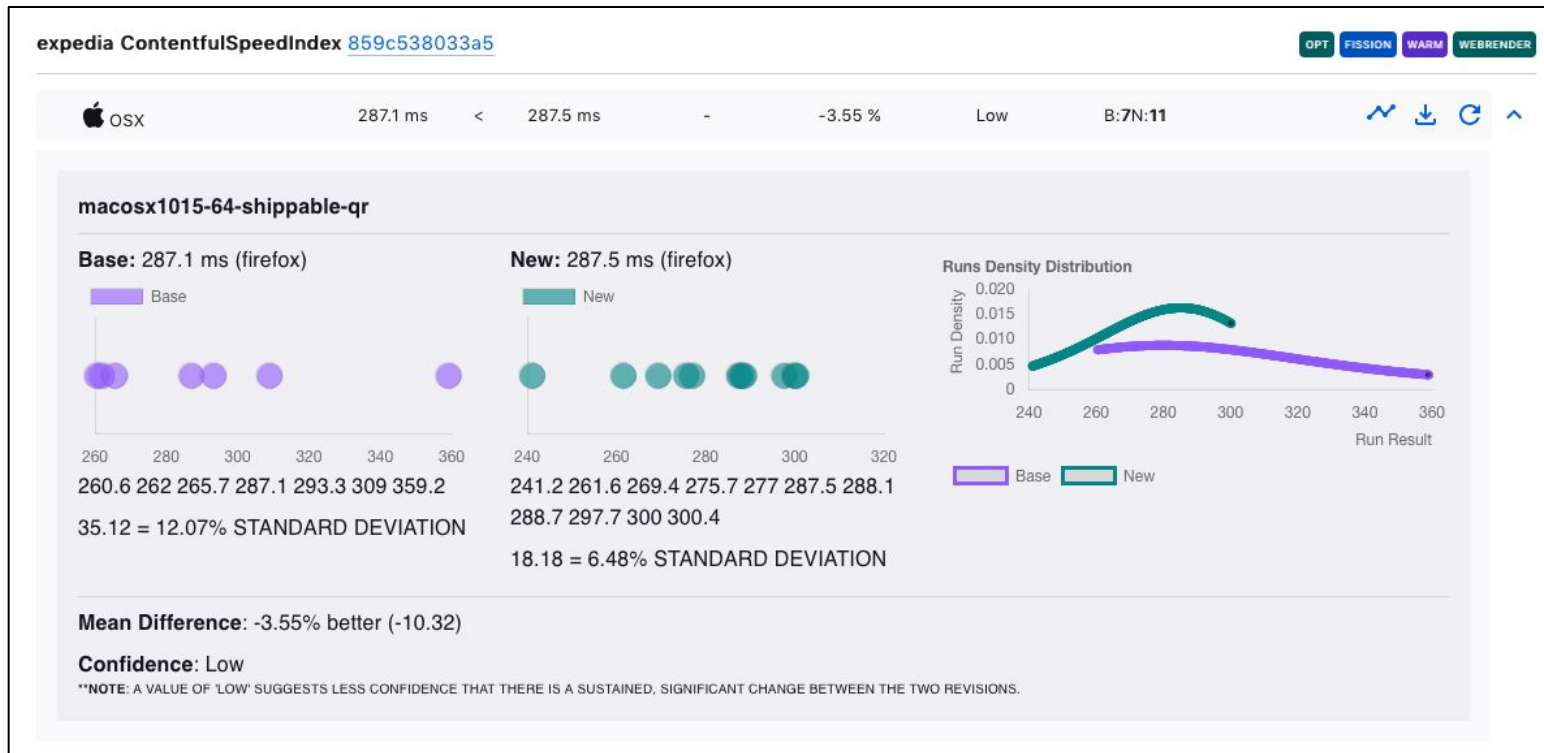
**BugBot** [suhaib / marco / calixte] - Comment 1 • 1 month ago

Set release status flags based on info from the regressing [bug-1870477](#)

:smaug, since you are the author of the regressor, [bug-1870477](#), could you take a look? Also, could you set the severity field?

For more information, please visit [BugBot documentation](#).





Perfherder - Graphs Compare Alerts Tests Help - Dave Hunt

expedia windows [Hide downstream / reassigned to / invalid](#)

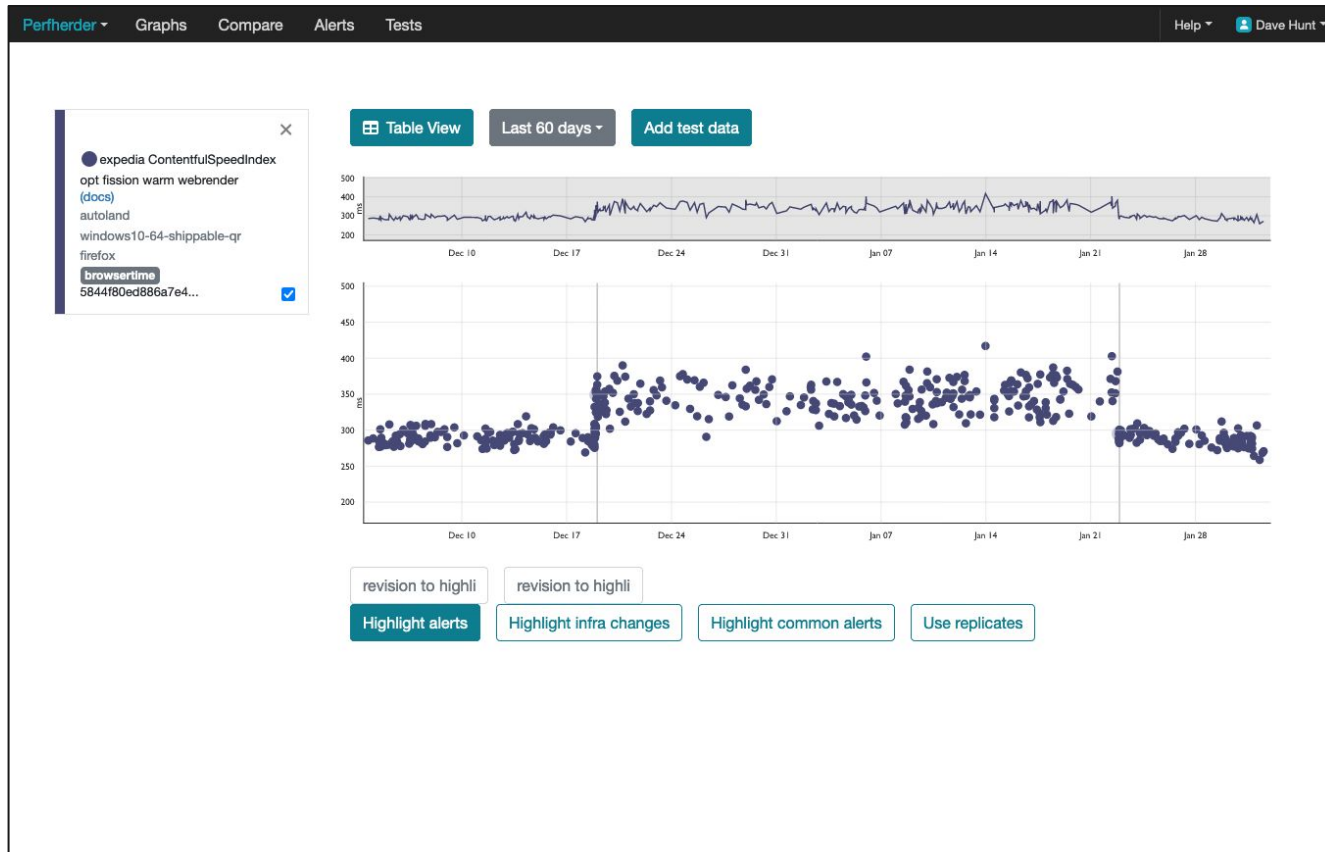
**browserime** Alert #41172 - autoland - 4.38 - 27.61% reddit-billgates-post-2.top FirstVisualChange / reddit-billgates-post-2.top LastVisualChange / reddit-billgates-post-2.top PerceptualSpeedIndex / reddit-billgates-post-2.top SpeedIndex / twitch fcp / twitch loadtime (linux1804-64-shippable-qr, windows10-64-shippable-qr) investigating

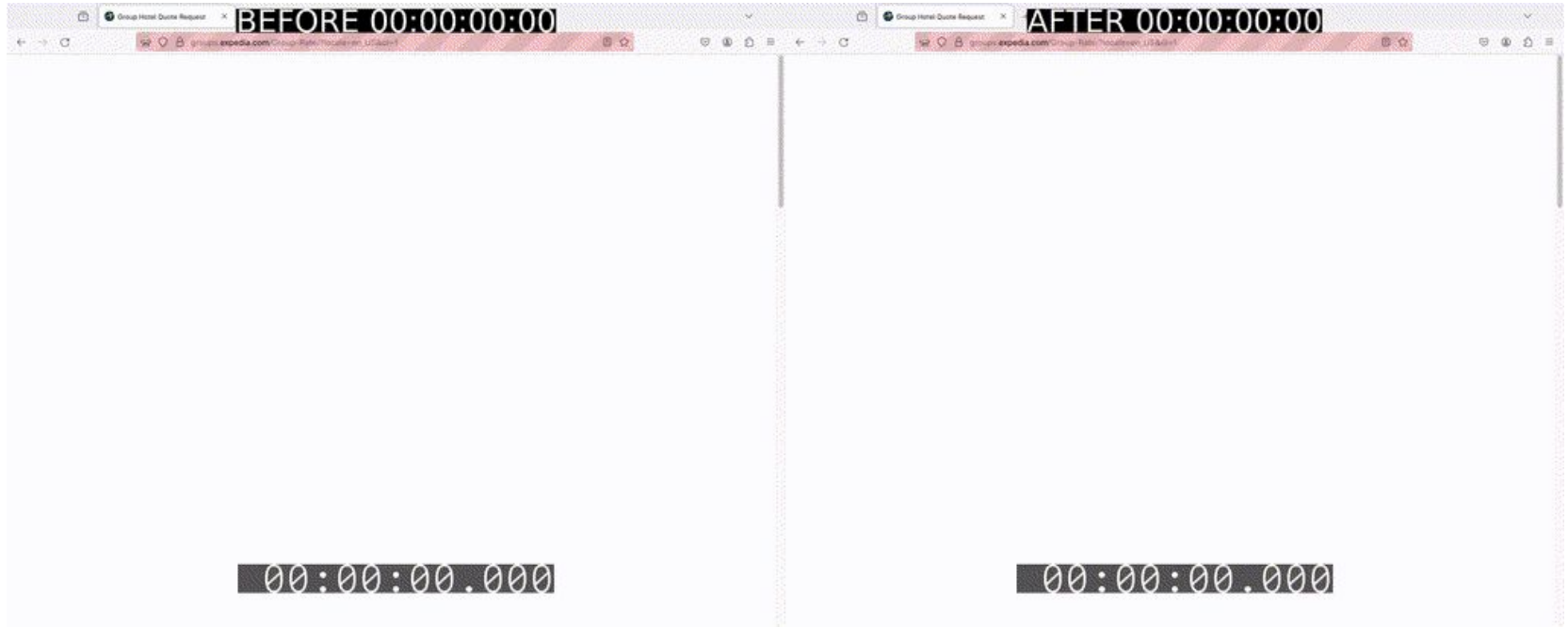
Mon Jan 22 21:13 2024  
Thu Jan 25 02:51 2024

[859c538033a5](#) [Bug 1877408](#) [bacasandrei](#)

Test	Platform	Debug Tools	Information	Tags & Options	Magnitude of Change	Confidence
<input type="checkbox"/> <a href="#">expedia</a> PerceptualSpeedIndex (reassigned from alert #41134)	Windows	None	OK	fission warm ...	797.0 <span>5.54%</span> 752.8	13.98
<input type="checkbox"/> <a href="#">expedia</a> fcp (reassigned from alert #41134)	Windows	None	OK	fission warm ...	252.1 <span>23.74%</span> 192.3	13.75
<input type="checkbox"/> <a href="#">expedia</a> SpeedIndex (reassigned from alert #41134)	Windows	None	OK	fission warm ...	413.6 <span>14.32%</span> 354.4	12.98
<input type="checkbox"/> <a href="#">expedia</a> ContentfulSpeedIndex (reassigned from alert #41134)	Windows	None	OK	fission warm ...	355.5 <span>16.41%</span> 297.2	12.68
<input type="checkbox"/> <a href="#">expedia</a> FirstVisualChange (reassigned from alert #41134)	Windows	None	OK	fission warm ...	278.4 <span>21.11%</span> 219.7	11.83
<input type="checkbox"/> <a href="#">expedia</a> largestContentfulPaint (reassigned from alert #41134)	Windows	None	OUTLIERS	fission warm ...	130.5 <span>10.63%</span> 116.6	8.62



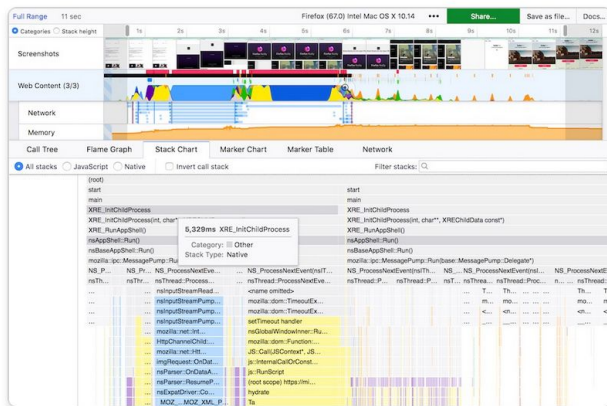




## Firefox Profiler — Web app for Firefox performance analysis



Capture a performance profile. Analyze it. Share it. Make the web faster.



[+ Enable Profiler Menu Button](#)

[? Documentation](#)

Enable the profiler menu button to start recording a performance profile in Firefox, then analyze it and share it with [profiler.firefox.com](https://profiler.firefox.com).

[Load a profile from file](#)

[Load a profile from a URL](#)

You can also drag and drop a profile file here to load it.



Come to **Janson** at **13:00** today to see Florian Quèze's talk

## **Firefox power profiling: a powerful visualisation of web sustainability**

