

See: [2017 DevTools Weekly Meeting](#)

[Archive] DevTools Weekly Meeting (2016)

Date: December 20th 2016

Round Table (updates, changes, fun stuff, things you learned, etc. Put your name next)

- [pbro] Q1 goals process
 - <https://docs.google.com/document/d/1Nr578vuegmFELI0LW3r9HHpbM3YCOqSoYltqhoVMV0I/edit>
 - <https://docs.google.com/document/d/1V8R2y7Ee0UKRfkPVI0pErDESTcQwl-3VKWXRPNx0w20/edit#heading=h.vsdX9ptbyxj>
- [tromey] devtools users mailing list?
 - Add DevTools category to Mozilla Discourse
 - <https://discourse.mozilla-community.org/>
 - Broadcast through various channels
 - <https://groups.google.com/forum/#!forum/firebug>
 - Hacks
 - Twitter
- [bradwerth] Providing DevTools with layout needs. Stylo in particular.

Demos & User Visible Changes (pre-recorded demos are preferred when possible)

- 'Bugs resolved in last week' search for a refresher: <https://mzl.la/2dKlnV2>.
- [jdescottes] inspector."html" demo -> <https://youtu.be/UEybvHjiKVM> + <https://github.com/devtools-html/devtools-core> 🍌
- [jlast] Devtools Reps demo
- [jlast] Debugger quick wins demo

Text Updates

- Pbro
 - Q1 planning
 - Hiring
- gregtatum
 - Perf tools: worked on labeling call stacks with domain information.
 - Wrapping up toolbar bug.
 - Doing lots interviews.
- Tromey
 - Interviews
 - ... and that's nearly all
- Jlast
 - Helped create [devtools-core](#), add eslint, yarn, etc...
 - Helped rename local-toolbox to launchpad :)
 - Added debugger [screencasts](#)
 - Created [debugger-examples](#) and moved them out of the debugger
 - Added the ability to show [chrome scopes](#)
 - Start using [chrome remote interface](#)
- Debugger community
 - [Add collapsible sidebars](#) @wellington
 - [Polish: Full row highlighting for sources](#) @david walsh
 - [Add pretty print icon to source tabs, remove ':formatted' from file name](#) @david walsh
 - [callstack and scope panes open on pause](#) @ Lior Praiss
 - [Add collapsible sidebars](#) @ wellington
 - [Introduce Postcss](#) @amit
 - ["Reveal in Tree"](#) @ arthur
- clarkbw
 - [add mac friendly keyboard shortcuts to command bar](#)
 - [use CircleCI to update the yarn.lock file](#)

- [update the hidden source tabs on resize of the window](#)
- [sort properties by name](#)
- [change path for windows in firefox driver](#)

Date: December 13th 2016

Round Table (updates, changes, fun stuff, things you learned, etc. Put your name next)

- [pbro] Q1 planning:
<https://docs.google.com/document/d/1V8R2y7Ee0UKRfkPVI0pErDESTcQwl-3VKWxrPNx0w20/edit#>
- [jlongster] An update 😞😭
- [helenvholmes] life update 😞😭

Demos & User Visible Changes (pre-recorded demos are preferred when possible)

- 'Bugs resolved in last week' search for a refresher: <https://mzl.la/2dKlnV2>.

Text Updates

- gl
 - Sick - caught a cold after manta ray snorkeling
 - UCOSP project (Inspector inline editor widgets) got accepted.
<http://ucosp.ca/projects.html>
 - Hacking the z-index inspector into devtools (no bug)
 - Working on [Bug 1307481](#) - Implement Inline Tooltip widget
- Jlast
 - Added a first pass for the [event listeners](#) UI
 - Working on adding a [postcss plugin](#) for logical css
 - Working on adding [chrome scopes](#)
 - Working on a code coverage [proof of concept](#)
 - Created a reps github repo with nicolas. Here's our [snazzy UI](#)
- Debugger + contributors
 - @[andreicristianpetcu](#) [polished the watch expressions header buttons](#), by updating the look and feel as well as adding the correct SVGs.
 - @[mystor](#) [avoid jumping around when clicking on tree items](#)
 - @juliandescottes [override escape shortcut in codemirror to fix split console toggle](#)
- Jdescottes
 - landed inspector.html (demo next week!)
 - working on css autocomplete improvements using the MDN data sources published on github
(<https://github.com/mdn/data/blob/master/css/properties.json>)
 - 48 hours trip to come back from Hawaii!

Date: November 29th, 2016

Round Table (updates, changes, fun stuff, things you learned, etc. Put your name next)

- Tromeys
 - Service worker debugger meeting in Hawaii
 - Last chance to comment on [code of conduct](#)
- [helenvholmes] - Did an audit of our [Settings language](#) for some RDM work—should I bring up nomenclature questions in channel?...
- [helenvholmes] [Topics for a Devtools Retrospective](#)
- [joe] Hawaii - we got lucky on the team-building

Demos & User Visible Changes (pre-recorded demos are preferred when possible)

- *'Bugs resolved in last week' search for a refresher:* <https://mzl.la/2dKlnV2>.
- [gregtatum] UCOSP Z-Index Devtool ([github](#))
 - SHIPIT +1
- [Honza] WebSocket Monitor
<https://addons.mozilla.org/cs/firefox/addon/websocket-monitor/>
-

Text Updates

- gl
 - Gave a lightning talk about CSS Grid Inspector at CSSConfAsia
 - Landed:
 - [Contributor - Marco] [Bug 1241059](#) - Part 1: Extend the markup outline to the closing tag. r=gl
 - [Bug 1318835](#) - Inspector should own the one instance of the HighlightersOverlay. r=pbro
 - [Bug 1308260](#) - Part 5: Add a highlighted state to the grid state and a method to update it. r=jryans
 - [Bug 1308260](#) - Part 6: Toggling the grid highlighter should emit the node that the grid highlighter was shown or hidden for and update the grid's highlighted state. r=pbro
 - [Bug 1308260](#) - Part 7: Display a list of grid container elements and checkbox to toggle the grid highlighter for each grid in the CSS grid layout panel. r=jryans
 - [Bug 1308263](#) - Part 1: Add a preference for extending lines infinitely in the grid highlighter. r=pbro
 - [Bug 1308263](#) - Part 2: Add a grid highlighter setting PropType to manage the show infinite lines option and a method to update it. r=jryans
 - [Bug 1308263](#) - Part 3: Add a grid display setting for extending the grid lines infinitely. r=jryans
 - [Bug 1308265](#) - Add a grid display setting for displaying the grid line numbers. r=jryans
 - Reviewed:
 - [Bug 1320053](#) - Something wrong with Edit as html wrapper (Inspector tab)
- helenvholmes
 - Start of [Open In](#) work
 - Starting our first user testing with Jennifer on the UR team for [RDM](#)
 - [Grid articles](#) go out Thursday
 - Did an audit of our [Settings language](#) to ramp up for some RDM work
- Honza
 - Reviews for Netmonitor.html
 - Started [analysis](#) DevTools WebExtensions API requirements
 - Bug Triage
- Tromeys
 - Mostly the holiday
 - Bug 1316630 - remove pref-changed event from gDevTools
 - Bug 1315344 - code of conduct
 - "Your hermit of firebug is a big lousy grap!"

- gregtatum
 - Fixing a few last bugs in the de-XULing of the toolbar. Waiting on review.
 - Created a threaded architecture prototype for the performance tool, using Redux actions that post between workers.
 - Created time-based charts for the summary view.
 - Ate lots of turkey, ham, pie, mashed potatoes, etc. etc.
- Debugger.html contributors
 - [\[Source Tree\] Don't show empty root. Fixes #1338 Dalimil](#)
 - [\[Source Search\] Performance is too slow for fast typing arthur801031](#)
 - [\[Editor\] Fix matched text color Zacqary](#)
 - [Vertical layout kdzwinel](#)
 - [Accessible buttons arthur801031](#)
 - [<cmd>+b should toggle breakpoints arthur801031](#)
 - [Re-search when a new source is selected arthur801031](#)
 - [\(WIP\) File search style outline matches monicau](#)
 - [Do not overflow "No files matching" message. kdzwinel](#)
 - [Remove outlines arthur801031](#)
 - 

Date: November 22th, 2016

Round Table (updates, changes, fun stuff, things you learned, etc. Put your name next)

- [jryans] [Toolbox docking stats for Dev. Ed 51](#)
 - 68% bottom (the default)
 - 11% side
 - 20% window (!!)
- [gregtatum] Performance tooling in support of Quantum - [Product Doc](#)
- [bgrins] Webpack 2 migration guide:
<http://javascriptplayground.com/blog/2016/10/moving-to-webpack-2/>
 - Also new non-terrible docs: <https://webpack.js.org/configuration/>
- [pbro] Interesting talk from Paul Irish at Chrome Dev Summit about devtools:
<https://www.youtube.com/watch?v=HF1luRD4Qmk>
 - Multi-line console input, better console code completion, inline breakpoints, better completion in the rule-view, drag'n'drop workspaces mapping (sources panel now shows a FileSystem tab, and highlight changes in files), CSS coverage in the timeline, node debugging in the same toolbox, PWA
- [pbro] electives schedule is out. [Check Sched!](#) Also I have made our own sched: <https://public.etherpad-mozilla.org/p/devtools-hawaii-2016>
- [ejpbruel] Can we make the repo for the rust debugger API public?
- [helenvholmes] We don't have a room for Hawaii—so we might all want to pack power strips

Demos & User Visible Changes (pre-recorded demos are preferred when possible)

- 'Bugs resolved in last week' search for a refresher: <https://mzl.la/2dKlnV2>.
- 985517 - Pseudo-class now stay locked when you select another node in the inspector
- [pbro]
 - Visualizing animation easing in the animation-inspector:
<https://www.youtube.com/watch?v=-OJT-yfTlIE> &
<https://github.com/captainbrosset/devtools-demos-1/blob/bug-1210795-easing/visualizing-easing/README.md>
 - Better display [1315600](#)
- [nchevobbe] Reps
 - Node highlighting in Reps https://bugzilla.mozilla.org/show_bug.cgi?id=1307941
 - Only need to pass props onDomMouseOver/onDomMouseOut
 - Easy to implement in DomPanel & Debugger.html
 - Will change soon to expect a nodeFront instead of a grip
 - Other reps
 - [LongString](#)
 - [Error](#)
 - [DocumentFragment](#)
 - [ArrayBuffer](#)
- [ntim] new Console frontend
 - CSS Warnings ([1307942](#))
 - Timestamp ([1307871](#))
 - Displays the first 10 properties/items of Objects/Arrays (was 3)
- [zer0] DPI Selector in RDM [1276971](#)
- [Honza] RDP Inspector Demo
<https://addons.mozilla.org/en-US/firefox/addon/rdp-inspector/>
- [gl, presented by Patrick] [Bug 1302536](#) - Grid Inspector
 - <https://dl.dropboxusercontent.com/u/714210/css-grid/grid4.mp4>
 - [Blog post draft](#)
- [helenvholmes] For those making demos on Youtube: [DevEdition bumper](#)

Text Updates

- gl
 - In Singapore for CSSConfAsia/JSConfAsia Nov 24-26, 2016
 - WIP:
 - [Bug 1308260](#) - Display a list of grid container elements in the css grid layout panel
 - [Bug 1318835](#) - Inspector should own the one instance of the HighlightersOverlay
 - Landed:
 - [Bug 1308260](#) - Part 1: Emit an event with the new grid layout actors on page navigations from the LayoutActor. r=pbro
 - [Bug 1308260](#) - Part 2: Handle grid layout changes and layout sidebar selection, and prepares the grid data to be dispatched. r=pbro
 - [Bug 1308260](#) - Part 3: Dispatch the new grid data and update the store with the new grid state. r=jryans
 - [Bug 1308260](#) - Part 4: Pass the grids props into the layout components and only display the layout-no-grid element when no grids are present. r=jryans
 - [Bug 1302536](#) - Toggle grid layout highlighter from the rule-view next to 'display:grid' declarations. r=pbro
 - [Bug 1318019](#) - Grid highlighter disappears after editing a property and focusing another one. r=me
 - [Bug 950088](#) - Incorrect localization note at toolkit/locales/en-US/chrome/global/devtools/styleinspector.properties#43. r=jdescottes
- Honza
 - Reviews for Netmonit.html and Reps
 - Update getfirebug.com site
 - Bug Triage (DOM panel, JSON viewer, Net monitor)
- bgrins
 - Landed patch that was on hold for 2 years due to perf regressions that got fixed: Bug 1122726 - Convert tabCurveWidth and tabCurveHalfWidth into CSS variables;r=MattN
 - Bug 1317423 - Move WebConsoleConnectionProxy into its own module
- Jlast
 - [Cleanup the toolbox packages](#)
 - [Decouple the development environment](#)
 - [Setup separate Application mode](#)
 - [Include a "Test Plan" section to our PRs](#)
 - [Make Yarn the official NPM client](#)
- Debugger.html Contributors
 - [Remove search outlines](#) @author801031
 - [checking if source is javascript for pretty print](#) @warjet777
 - [Auto open scopes](#) @bomsy
 - [Implement enable/disable breakpoint](#) @shlomif
 - [Open code search when pressing ctrl+g/ctrl+shift+g with no selection](#) @wldcordeiro
 - [Left align pretty print button in the source footer](#) @garbee
 - [File Search uses selected text](#) @wldcordiero
 - [Wrap the click handler passed to CloseButton](#) @kareniel
 - [Directory restructure](#) @wldcordeiro
 - [Lint package styles and address existing problems.](#) @garbee
 - [Use options instead of capabilities to start firefox webdriver](#) @kareniel
 - [Added Flow types to pause actions and reducer](#) @montogeek
 - [Fix eslint to check package contents as well.](#) @garbee
 - [Add close tabs action for closing many tabs at once](#) @bomsy
- helenvholmes
 - Helped out marketing with an [internet mascot](#)
 - Five blog posts:
 - [RDM, Hacks](#)
 - [RDM, Nightly](#)
 - [RDM, Medium](#)

- [CSS Grid, Hacks](#)
 - [CSS Grid, Nightly](#)
 - [Made a bumper for video posts](#)
- Tromeys
 - Interviews
 - 1319150 Services.prefs shim bug
 - 1316630 remove pref-changed event from gDevTools
 - 1315344 code of conduct

Date: November 15th, 2016

Meeting cancelled, text updates only below.

Text Updates

- bgrins
 - Wrangling work for 'enable new console frontend in dev edition' (1308219)
 - Cleaning up console P1 field - down from ~25 to 0
 - Added a 'top console bugs' metabug:
<http://firefox-dev.tools/triage.html?tool=console>
 - Tracking down a talos regression (will make a demo of the process, but another week)
- Honza
 - Netmonitor.html reviews + Reps reviews
 - Wip [Bug 1316608](#) - Avoid exception when adding a new side panel
 - Release RDP Inspector 1.2.4 (available on AMO)
- Tromej
 - Bug 1310416 - browserRequire for inspector; landed, then backed out due to intermittent spike
 - Bug 1254295 - add function name to gdb frame filter; landed
 - Bug 1316630 - remove gdevtools pref-changed event; started work
 - Attended debiasing-in-hiring training -- very good, everyone should go
- gregtatum
 - Fixing tests for de-XULing toolbar, getting ready to send for review. This patch ended up being a bit bigger than I realized, and broke a bunch of tests.
 - Translated a python script to summarize where time was spent in a performance profile from sfink into JavaScript, then adapted it to the Cleopatra format, and created a react view on it. <https://irccloud.mozilla.com/file/7l4Oc2Cb/>
- gl
 - @CSSConfAsia/JSConfAsia Nov 24-26, 2016
 - WIP:
 - [Bug 1302536](#) - Toggle grid layout highlighter from the rule-view next to 'display:grid' declarations
 - [Bug 1308260](#) - Display a list of grid container elements in the css grid layout panel
 - Landed:
 - [Bug 1316797](#) - Refactor HighlightersOverlay and TooltipsOverlay into separate modules r=jdescottes
 - [Bug 1315208](#) - Remove explicit call to `ReactDOM.render` in the LayoutView r=Honza
 - Reviews Done:
 - [Contributor - Marco] - [Bug 1241059](#) - Inspector doesn't scroll to the element if I click closing tag of an already selected element
 - [Honza] - [Bug 1316608](#) - Avoid exception when adding a new side panel
 - Feedbacks Done:
 - [Contributor - Marco] - [Bug 1241059](#) - Inspector doesn't scroll to the element if I click closing tag of an already selected element
- helenvhomes
 - Working on some [blog posts](#) announcing grid
 - Finishing up the [command buttons designs](#) for Greg
 - Starting work on designs for [multiviewport responsive design mode](#)
- Jlast
 - Worked on re-using the local toolbox
 - Switched to using Yarn official
 - Fixed file search styles in dark mode
- Debugger Contributors
 - [Kareniel](#) - Fixed npm run firefox command

- [Wldcordeiro](#) - [Directory restructure](#) - wellington now has the second most additions + deletions
- Garbee - Updated eslint + stylelint globbing to include other packages

Date: November 8th, 2016

Round Table (updates, changes, fun stuff, things you learned, etc. Put your name next)

- [pbro] I changed the structure of this meeting a little bit. See <https://groups.google.com/forum/#!topic/mozilla.dev.developer-tools/zrFj9gpeV6Q>
- [pbro] How to deal with toxic comments on bugzilla:
 - Contact Michael Hoyer <mhoyer@mozilla.com>
 - We have bugzilla etiquette: <https://bugzilla.mozilla.org/page.cgi?id=etiquette.html>
 - And community participation guidelines: <https://www.mozilla.org/en-US/about/governance/policies/participation/>
 - Also, you can now use the "admin" tag on any comment, and this will hide the comment and contact Mike Hoyer
 - Is it like <admin>This is for Mike only</admin> ?
 - [jryans] Each comment has a "tag" button, which you can use to set things like "admin", "obsolete", etc. https://wiki.mozilla.org/BMO/comment_tagging
- [jryans] New Responsive Design Mode riding trains with Firefox 52 🚂
 - 103 bugs fixed during the RDM project
 - 21 additional old bugs fixed by switching to the new UI +++
- [helenvholmes, question] Does anyone use the iframe picker for anything other than the console?
 - Storage inspector
 - Inspector
- [bgrins] easiest way i've found to do talos comparisons:
 - Pull from central
 - `./mach try -b o -p linux,linux64,macosx64,win32,win64 -u none -t g2,g2-e10s --rebuild-talos 5`
 - Apply your commit
 - `./mach try -b o -p linux,linux64,macosx64,win32,win64 -u none -t g2,g2-e10s --rebuild-talos 5`
 - Take revision IDs from the two try pushes and replace in: <https://treeherder.mozilla.org/perf.html#/compare?originalProject=try&originalRevision=OLDREV&newProject=try&newRevision=NEWREV&framework=1&filter=damp&showOnlyImportant=0>
 - (gregatum: Can we get a Talos demo in the devtools meeting sometime? +1) bgrins: yes, what specifically? I.e. how to write the tests or how to analyze the results or something else?
- [tromeey] Code of Conduct
 - https://bugzilla.mozilla.org/show_bug.cgi?id=1315344
- [jlongster] Debugger moving to dev edition 🎉
- [jlast] Debugger Contributions
 - e.g. [up for grabs](#), [example](#), [pulse](#)
 - (50+ contributors, 200 commits)
- [ejpbruel] Servo debugger:
 - Started landing a Rust interface for the Debugger API: <https://github.com/mozilla/debugger>
 - [bgrins] Are you planning to keep the 'debugger' name when making it public or changing to something to do with rust?
 - [jryans] It does seem a bit too general...
 - Needs a blog post before we make it public.

Demos & User Visible Changes (pre-recorded demos are preferred when possible)

- 'Bugs resolved in last week' search for a refresher: <https://mzl.la/2dKlnV2>.
- [mike] Storage Inspector Demo
- [jryans] zer0 added a devicePixelRatio selector in RDM

Text Updates

- **jryans** made a network throttling [demo](#) and **sole** turned it into a Nightly post! <https://blog.nightly.mozilla.org/2016/11/07/simulate-slow-connections-with-the-network-throttling-tool/>

- **gl** is finishing up the layout and grid actors required to get a page's grid layout information and is working on populating the new layout inspector side panel with a list of grid containers. Also, made the layout view able to consume a webpack bundle.
 - Landed Bug 1314931 - LayoutView should be browserRequire as the root component
 - Addressing Review - Bug 1302536 - Toggle grid layout highlighter from the rule-view next to 'display:grid' declarations
 - Working on [Bug 1308260](#) - Display a list of grid container elements in the css grid layout panel
 - Close to Landing - Bug 1308257 - Implement LayoutActor and GridActor to fetch all grid containers
- **Tromey**
 - Bug 1310279 - add "wm" to Services shim; landed
 - Bug 1310416 - use browser loader for inspector; r+, in try
 - Bug 1315344 - add devtools/CODE_OF_CONDUCT.md
- **gregtatum**
 - I should wrap up the initial toolbar HTML rewrite this week, almost all the tests are passing. Just a few regressions left.
 - I ported sfink's performance script that takes a profile and categorizes where time was spent during execution.
 - Trying to get my Windows dev environment set up, sort of failing at the moment.
- **helenvholmes**: [toolbar spec ready to review](#), command button spec [still a work in progress](#)
 - Currently working on multiviewport rdm designs
 - Small thing, but planning to merge in a new rdm button to avoid confusion with the dock-to-bottom <https://cl.ly/2U431G0c3B0q>
 - [jryans] Looks like an old click wheel iPod :D seems good!
- **Mike**
 - Decided to rewrite event bubbles... works well and integrates with the new debugger. Fixes a heckuvalotta bugs in one foul swoop.
 - Just generally fixing bugs.
- **Honza**
 - Reviews for Netmonitor.html
 - Reviews for Reps/Console
 - Progress on Open in Another Browser
- **Jlast**
 - [Fix + Test conditional breakpoint panels](#)
 - [Enable editor search in the panel](#)
 - [Fix some issues with watch expressions](#)
 - [Fix call stack "Expand|Collapse Rows"](#)

Date: November 1st, 2016

Calls to Action

Who's running this week's meeting + email? Jarda

Who's running next week's meeting + email? Eddy

Round Table (put your name next)

- [pbro] Proposal for this meeting:
 - Merge "round table", "fun sized updates" and "things I learned"
 - Change "user visible changes" into devtools demos. Demos of visible changes or existing tools that people might not already know.
 - Demos! <http://github.com/mozdevs/devtools-demos> please add them!
- [jsnajdr] async/await landed in Nightly: [bug 1185106](#)
- [jlast] the local toolbox has all the shims

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <https://mzl.la/2dKlnV2>

Fun Sized Updates

-

Things I Learned / Weekly Good Reads

- [jimb] Apparently simple math problem (I didn't get it) with really cool explanation: <https://www.youtube.com/watch?v=84hEmGHw3J8&list=PLZHQObOWTQDOqzmnORfqizZK-TcBE09jR>
- [jsnajdr] How emacs does screen rendering: <https://www.facebook.com/notes/daniel-colascione/buttery-smooth-emacs/10155313440066102/>

Text Updates

- TromeY
 - Bug 1310702 - add webpack-like require.context to addon-sdk require
 - Bug 1312041 - Use loader paths for locales instead of appending chrome://
 - Bug 1254295 - gdb frame filter should compute function and script info; r?
 - Bug 1314047 - eslint trivia; r?
 - Bug 1310279 - shim Services.getMostRecentWindow; have patch, need to test with the webpack'd inspector
- helenholmes
 - svg, bug 1302536
 - debugger.html
 - (open) <https://github.com/devtools-html/debugger.html/pull/1060>
 - (open) <https://github.com/devtools-html/debugger.html/pull/1057>
 - <https://github.com/devtools-html/debugger.html/pull/1032>
 - <https://github.com/devtools-html/debugger.html/pull/1028>
 - <https://github.com/devtools-html/debugger.html/pull/1019>
 - <https://github.com/devtools-html/debugger.html/pull/1018>
 - <https://github.com/devtools-html/debugger.html/pull/1014>
- gregtatum
 - Wrapping up de-XULing of the devtools toolbar, next up is fixing the tests 🙌
 - Chatted about performance tooling plans with lots of people on devtools and platform side.
 - Got a python script from sfink that creates a summary of where time was spent in a performance profile, started translating it into JavaScript.
- Honza
 - ANALYSIS Open In Another Browser (WebExtension)
 - REVIEWS Bunch of Repts related bugs
 - REVIEWS Bunch of Netmonitor.html related bugs
- Jlast
 - [Add L10N support](#)
 - [Clean up themes](#)
 - [Fix toggling breakpoints](#)

- [Add flow coverage report](#)

Date: October 25th, 2016

Calls to Action

Who's running this week's meeting + email? pbro

Who's running next week's meeting + email? Jarda

Round Table (put your name next)

- [linclark] [Update React to 15.3.2](#)
- [linclark] [Adding React Virtualized](#) / [Reps perf issue](#)
- [jimb] debugger.html tests → Lin to create an issue to investigate taskcluster.

User Visible Changes 🙌

- Note: 'Bugs resolved in last week' search for a refresher: <https://mzl.la/2dKlnV2>
- 1309212 - jdescottes@mozilla.com - the highlighter nodeinfo bar should also be displayed for text nodes
- 1249119 - poirot.alex@gmail.com - Inspector doesn't load if I launch it right after hard-refresh
- 1111599 - xfq.free@gmail.com - Shift-click elements while in picker mode should select the element but keep the picker mode active
- Lots of console changes by lin and nicolas (pretty much all nicolas 🙌): [Add learn more link](#), [Implement custom styles](#), bug fixes
- [Element picker bug](#), where node scrolls back into view once cancelling the tool.

Fun Sized Updates

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Things I Learned / Weekly Good Reads

- [linclark] React Fiber talk: <https://www.youtube.com/watch?v=aV1271hd9ew>

Text Updates

- pbro
 - 1220974 - Intermittent browser_animation_timeline_pause_button.js | This test exceeded the timeout threshold. It should be rewritten or split up
- helenholmes
 - Who hates that google docs always capitalizes our irc nicks (me) (jryans: me too!)
 - Debugger work week!
 - [Updates to search spec](#), top of file
 - [Updates to toolbox designs](#)
 - Current designs are width-heavy, but I want to rely on animations and customizing to handle that issue
 - These actually aren't updating on Invision yet, trying to investigate
 - [I declare myself the queen of bad swag ideas](#)
- TromeY
 - Bug [1310702](#) - use webpack-like require.context in devtools l10n
 - Bug 553032 - use MOZ_FORMAT_PRINTF in js
 - Bug 1309523 - restore nsIInterfaceRequestor to network monitor
- jryans
 - Many RDM polish changes
- Jlast
 - Updated flow so that there is a general types file and action types file. Also added a coverage [report](#)
 - Added mochitests to guarantee the breakpoints work as expected
 - Fixed the footer so it doesn't mask the editor
- gregtatum

- Worked on understanding the nsIProfiler, the tool that powers the performance tools in Gecko. [Wrote up a doc on my findings](#), I may copy this over to the performance devtools as well.
- Continued work on de-XULing the devtools toolbox toolbar. Visually it looks 95% the same, but I have some functionality to fix. This is a pretty big patch. 🍷
- Landed [element picker bug](#), where it scrolls back into view once cancelling the tool.

Date: October 18, 2016

Calls to Action

Who's running this week's meeting + email? JimB

Who's running next week's meeting + email? Pbro

Round Table (put your name next)

- [sole] devtools demos! Nightly! Excitement! 🎉
<https://github.com/mozdevs/devtools-demos>
 - Used in
<https://blog.nightly.mozilla.org/2016/10/17/devtools-now-display-white-space-text-nodes-in-the-dom-inspector/> and
<https://twitter.com/supersole/status/787956777295945728> and
<https://twitter.com/FirefoxDevTools/status/787958960523444224> and... ???
- [ochameau] debugging document leaks in tests
https://bugzilla.mozilla.org/show_bug.cgi?id=1310653
- [pbro] quantum project docs:
<https://drive.google.com/drive/folders/0B-sho7uTnK1sMjZrZnZwdmtxaDQ>
- [pbro] devtools tips, please add your own if you have them:
<https://developer.mozilla.org/en-US/docs/Tools/Tips>
- [jryans] Added general DevTools component to Bug Fixes list
https://wiki.mozilla.org/DevTools/Bug_Fixes

User Visible Changes

- *Note: 'Bugs resolved in last week' search for a refresher: <https://mzl.la/2dKlnV2>*
- 1309212 - the highlighter nodeinfo bar should also be displayed for text nodes
- 1283453 - Network Throttling UI
- 1302787 - add devtools support for css-color-4 "people love colors"
- 1304685 - Help debug spacing issues caused by whitespace text nodes
<https://twitter.com/supersole/status/787956777295945728>
- 1308227 - Add a CSS Grid accordion container to the layout panel

Fun Sized Updates

- [linclark] Build team is considering adding Flow (and maybe Babel?)
https://bugzilla.mozilla.org/show_bug.cgi?id=1308899
-

Things I Learned / Weekly Good Reads

-

Text Updates

- Jdescottes
 - New eslint rule: "linebreak-style": [2, "unix"] ← unix linebreaks everywhere now! (Bug 1310615)
- Honza
 - PATCH Bug 1308742 - Line breaks show up as \n in the new console frontend
 - PATCH Bug 1309243 - Params aren't shown as expected in the HTTP inspector
 - REVIEWS for Netmonitor.html, Reps, DOM panel
- TromeY
 - Bug 553032 - use printf attribute in js/r+
 - Bug 1309384 - merge default and user prefs in Services shim
 - Bug 1309523 - restore nsIInterfaceRequestor to network monitor

Date: October 11, 2016

Calls to Action

Who's running this week's meeting + email? Jason

Who's running next week's meeting + email? JimB

Round Table (put your name next)

- [joe] Welcome to the team Sole!! 🎉👏🌟⚡
- [joe] Goodbye, Lin and Nick!!!!
- fitzgen
- [ochameau] Devtools impact on Firefox *startup only* performances
 - https://bugzilla.mozilla.org/show_bug.cgi?id=1302996
 - Between 2 to 4% in by disabling jsonview and dropping some useless SDK deps:
 - <https://treeherder.mozilla.org/perf.html#/compare?originalProject=fx-tea-m&originalRevision=cfdb7af3af2e&newProject=try&newRevision=3332f63169be&framework=1>
 - Between 2 and 12% by stripping devtools completely:
 - <https://treeherder.mozilla.org/perf.html#/compare?originalProject=mozilla-inbound&originalRevision=14fb96dbce5e&newProject=try&newRevision=aef68bb993c9&framework=1>

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <https://mzl.la/2dKlnV2>
- Linclark: new console output turned on in nightly
- nchevobbe: console.group in new frontend is now collapsible and true `console.groupCollapsed` support was added : https://bugzilla.mozilla.org/show_bug.cgi?id=1088360

Fun Sized Updates

- Ejbruel: I started working on a test shell for the servo debugger (still very early work): <https://github.com/ejbruel/js-shell>
- Linclark: Testing with React Virtualized, which could be helpful for multiple tools. In console, if we can get it to work, then could be lots faster. However, arbitrary heights algorithm makes bulk logging slower.
- Joe: Magic bugzilla triage quick search
 - triage_owner:[bugmail] priority:-- creation_ts>=2016-06-01

Things I Learned / Weekly Good Reads

- [helenvholmes, read-only] This [completely open-source prosthetic hand](#) got demoed at the Open Hardware Summit and it's really incredible.

Text Updates

- gregatum: Fixed some css properties db issues, worked on reactifying the perf tool, researched the existing perf tools like gecko profiler and cleopatra, currently fixing some bugs with the element picker, and helped with the sort order of files on the debugger.html project.
- TromeY
 - Bug 987069 - script source encoding bug - r? Again
 - Bug 1293616 - selector editing bug - added another test, debugging fix
- Honza
 - Netmonitor.html project started
 - Firebug 2.0.18 [Released](#)
 - DOM + JSON bug triage (top 10)
 - Reviews
-

Date: October 4, 2016

Calls to Action

Who's running this week's meeting + email? Joe

Who's running next week's meeting + email? Jason

Round Table (put your name next)

- Jwalker: devtools reorg + management meetup
- nchevobbe: Add comment on multiple lines in MozReview
<https://www.reviewboard.org/docs/manual/2.5/users/reviews/reviewing-diffs/#commenting-on-lines>
- Linclark: Chrome RDP will have a [new stable, 1.2](#)
- Jimb: New initiative: Perf for Firefox and Gecko
- [clarkbw] Live Twitter Chat about [debugger.html](#) starting at 10am PST
<https://twitter.com/FirefoxDevTools/status/783299729694220292>
- [clarkbw] DevTools TimeZones: <https://timezone.io/team/devtools>
 - Also, Mr Giggles
 - mrgiggles: what time is it in Taipei?
 - Sfink mrgiggles: when does Taipei Railway Station open?
 - Mrgiggles sfink: 'ascii' codec can't encode characters in position 16-19: ordinal not in range(128)

User Visible Changes

- *Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>*
- jryans: Demo of new RDM now enabled in Nightly
- jdscottes: service worker status (registering/running/stopped) [Bug 1153292](#)
- Jlast - debugger supports codemirror documents
- Pbro - lock the highlighter on an element from the rule-view's element{} rule [Bug 1297383](#) done by a contributor: Sébastien Blin [:sblin] [:amarok]

Fun Sized Updates

-

Things I Learned / Weekly Good Reads

- <http://arewereorganizedyet.com/> (thanks Sole for the link)

Text Updates

- gregtatum
 - De-XUL perf tool
 - Wrapping up track 3 regressions
- Pbro
 - 733880 - [markup view] No context menu when selecting text
 - 1304685 - Help debug spacing issues caused by whitespace text nodes
 - 1258081 - Intermittent browser_computed_search-filter_escape-keypress.js | This test exceeded the timeout threshold. It should be rewritten or split up.
- TromeY
 - Bug 1067547 - unify ScopedLogging and add MOZ_COUNT_CTOR; resurrected old patch; landed
 - Bug 1275637 - eslint error in webgl-utils; fixing exposes a deeper problem in shader editor; on the verge of dropping
 - Bug 987069 - encoding problems in ScriptSource; grinding through the 3rd review
- helenvholmes
 - Designs for console grouping: console.html #44
 - feedback, bug 1301042: Firebug icon theming
 - ui-review, bug 1301624: Improve d3 graph styling

- review, bug 1205371: Pseudoclass locks in markup
 - review, bug 1304685: Whitespace in markup view
 - review, debugger.html #822: Right sidebar changes
 - Debugger.html #700: Right sidebar changes
 - Various planning meetings for Q4
- [\[debugger.html\]](#)
 - 4 authors (including **top** contribs from [@wldcordeiro](#))
 - 15 commits, 14 PRs merged
 - 2,081 stars (+79)
 - 123 forks (+4)
- Honza
 - PATCH Bug 1281051 - Remove text-node rep
 - PATCH Bug 1305979 - Improve API for adding a new side panels
 - EXAMPLE How to append a new side-panel in the Inspector panel
 - STARTED ANALYSIS netmonitor.html
-

Date: September 27, 2016

Calls to Action

Who's running this week's meeting + email? ejpbruel

Who's running next week's meeting + email? joe

Round Table (put your name next)

- gregtatum: UCOSP Kick-off, Z-Index Project.
<https://github.com/gregtatum/z-index-devtool>
- Marco:
 - Track #2 and Track #3 have completed 100% of the HTML Project's MVP scope.
 - Release 52 will focus on a handful of project reserve bugs.
- jryans: New RDM enabled in Nightly only later today (bug 1296498)
 - On track to ride trains in 52
 - Will demo next week
- Linclark: console update
- Linclark: heads up on potential seg fault with new XCode. Fixed in inbound, but not fx-team yet: https://bugzilla.mozilla.org/show_bug.cgi?id=1303212
- Jdescottes: RTL and devtools -> https://bugzilla.mozilla.org/show_bug.cgi?id=1305007

User Visible Changes

- gregtatum: jsnajdr landed a new Waterfall React component in the performance tool. It has a virtualized view that should fix a lot of perf issues with large recordings.
https://bugzilla.mozilla.org/show_bug.cgi?id=1152441
- [jsnajdr] Storage Inspector can delete Cache items: Bug [1304297](https://bugzilla.mozilla.org/show_bug.cgi?id=1304297)
- [pbro] highlighting text nodes https://bugzilla.mozilla.org/show_bug.cgi?id=1304679 & https://bugzilla.mozilla.org/show_bug.cgi?id=1304685
- Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>

Fun Sized Updates

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Things I Learned / Weekly Good Reads

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Text Updates

- Honza
 - DONE Bug 1260552 - Come up with something to replace a xul:splitter
 - DONE Bug 1262443 - Migrate inspector.xul to HTML
 - DONE Bug 1304061 - Remove explicit ns declarations in inspector.xhtml
 - DONE Bug 1300291 - Fix background-color and icon color of all-tabs-menu
- Bgrins
 - Bug 1304414 - New console frontend: remove outline flicker on #output-container; r=linclark
 - Bug 1304513 - Get rid of sdk use in devtools/shared/layout/utils.js;r=tromey
 - Bug 1303458 - Changed the dimensions of close.svg and centered the close button icon. r=bgrins
 - Bug 1275877 - Use ContentTask.spawn to prevent intermittent test failure;r=jlongster
- Tromey
 - Bug 1301078 - correctly disable pasted commented-out properties; landed
 - Bug 1067547 - profiler initialization - rebased ancient patch, resubmitted
 - Bug 987069 - URL charsets - rebased, got demoralized after that
 - Bug 1275637 - webgl buglet; realized my error; rebased; tried to fix again
- Pbro
 - 1304679 - The highlighter should also highlight text nodes in the page

- 1304685 - Help debug spacing issues caused by whitespace text nodes
- 733880 - [markup view] No context menu when selecting text
- 1305401 - The inspector in the browser toolbox doesn't highlight and pick elements anymore
- Started thinking of a few new tools:
 - z-index debugging tool
 - shadow-editor popup
 - flexbox layout tool
- [\[debugger.html\]](#)
 - 8 authors (including **first** contribs from [@gauravsaini](#) and [@SezginEge](#))
 - 27 commits, 25 PRs merged
 - 2,022 stars (+185)
 - 119 forks (+16)

Date: September 20, 2016

Calls to Action

Who's running this week's meeting + email? gregtatum

Who's running next week's meeting + email? ejpbruel

Round Table (put your name next)

- [linclark] Console update
 - Patches landing this week, can try it with devtools.webconsole.new-frontend-enabled pref

User Visible Changes

-

Fun Sized Updates

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Things I Learned / Weekly Good Reads

- bgrins: There's a 'once' option on addEventListener (works in Chrome/Firefox/Safari)
 - <https://developer.mozilla.org/en-US/docs/Web/API/EventTarget/addEventListener>

Text Updates

- **Marco** - RDM Team has completed 100% of the [Project's MVP scope](#).
 - QA has [verified 100%](#) of all MVP Project bugs requiring testing.
 - [Release 52](#) will focus on a handful of project reserve bugs.
- [\[debugger.html\]](#)
 - 13 authors (including **first** contribs from [@MoLow](#), [@Dalimil](#), [@adamrhunter](#), [@johannestroeger](#), [@akkatracker](#), [@captainbrosset](#), and [@danharper](#))
 - 40 commits, 36 PRs merged
 - 1,837 stars (+1,654)
 - 103 forks (+67)
 - Articles
 - [Hacks: Introducing debugger.html](#)
 - [medium: Introducing debugger.html](#)
 - Press
 - [The Register: Mozilla emits JavaScript debugger for Firefox and Chrome](#)
 - [Computerworld: Mozilla relaunches JavaScript debugger as part of tools transition plan](#)
 - [Hacker News thread](#)
 - [Mozilla Monday Meeting Presentation](#)
- gregtatum
 - In review: Bug 1302062 - Switch recording list to React component for perf tool
 - WIP: Bug 1291866 - replace inIDOMUtils.cssPropertyIsValid
 - Fixed uplift issues with css properties db
- helenvholmes
 - Viewsource—helped run booth, gave a talk, drafted a tweet for marketing
- Pbro
 - Viewsource
 - 1253655 - Intermittent browser_inspector_gcli-inspect-command.js | Uncaught exception - at :0 - Error: operation not possible on dead CPOW
 - 1276418 - Intermittent e10s browser_inspector_initialization.js | Uncaught exception - at :0 - Error: operation not possible on dead CPOW
- Tromey
 - Bug 1265796 - remove getSubpropertiesForCSSProperty; decided to go client-side

- Bug 1301854 - UTF-16LE CSS not shown correctly in style editor; r+
- Jlast
 - Add tests for navigating and the console

Date: September 13, 2016

Calls to Action

Who's running this week's meeting + email? Julian

Who's running next week's meeting + email? gregtatum

Round Table (put your name next)

-

User Visible Changes

- *Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>*
- Jlongster: New debugger in nightly (I think this is a user visible change?) +1!
- Fitzgen, weren't there some view updates? Yes
 - https://bugzilla.mozilla.org/show_bug.cgi?id=1301794 and others too

Fun Sized Updates

- bgrins: CodeMirror is bundled into a single script to make it easier to load as a script tag ([bug 1301790](#)).
 - We have a modified version of the lib - it might be a candidate for pulling out into a separate repo on github and managing bundling / updates through that
- gregtatum: I prototyped an inspector css rule view for fun: <https://gregtatum.github.io/inspector/> 👍

Things I Learned / Weekly Good Reads

- gregtatum: Machine Learning for Artists: <https://vimeo.com/180044029>
 - I saw this talk at the Eyeo Festival this summer, and I really enjoyed it. It was a really easy to understand intro to machine learning and convolutional neural networks.
- fitzgen: I'm second hand internet famous: <http://jvns.ca/blog/2016/09/11/rustconf-keynote/>

Text Updates

- Fred
 - Inspector box-model applied new Color theme ([bug 1291638](#))
 - WIP [Bug 1292592](#) - sourceeditor uses xul
- Honza
 - WIP Bug 1260552 - Come up with something to replace a xul:splitter
 - EXPERIMENTING Renaming inspector.xul to inspector.xhtml
 - PATCH Bug 1294480 - inspector-searchbox focus behavior is gone
 - REVIEW Bug 1297651 - Move toolsidebar.js into tabbar.js and make it more generic
 - REVIEW Bug 1276675 - At mouse over, the 'X' button via Notification bar is offset by ~1px
- TromeY
 - Bug 1265796 - started investigation; async nightmare; ++Greg for working on this
 - Bug 1301078 - correctly disable pasted commented-out properties; landed
- Jlast
 - Add lots of mochitests for the new debugger (iframes, exceptions, etc)
- [\[debugger.html\]](#)

- 7 authors (including contribs from [@bgrins](#), [@jbhoosreddy](#) and [@jasonWeathersby](#))
- 27 commits, 24 PRs merged
- 183 stars (+9)
- 36 forks (+1)

Date: September 6, 2016

Calls to Action

Who's running this week's meeting + email? Eddy

Who's running next week's meeting + email? Julian

Round Table (put your name next)

- pbro/bgrins: devtools.html updates
- Jen: byeeeeeeeeeeeeee <3
 - </3
 - Ejpbruel: :-(
 - 1:1 after? Lol
- Jlongster: Help test the debugger! (turn on `new-debugger-frontend` to true)

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>

Fun Sized Updates

-

Things I Learned / Weekly Good Reads

- [clarkbw] The [chrome debugger protocol viewer](#) now includes a [v8 version for node](#)

Text Updates

- Honza
 - WIP Bug 1260552 - Come up with something to replace a xul:splitter
 - Network Panel bug triage
 - REVIEW Bug 1276675 - At mouse over, the 'X' button via Notification bar is offset by ~1px
 - REVIEW Bug 1300494 - New console frontend: Fix rep spacing for console
- TromeY
 - Bug 1291049 - more hacking on webpack config
 - Bug 1296441 - debugger stepping bug; wrote patch but now appears to be fixed
 - Bug 1293616 - selector editing bug in inspector; dbaron pointed out bug in the fix
- JLast
 - Fix console for the new debugger - [1295753](#)
- [[debugger.html](#)]
 - 6 authors (including contribs from [wldcordeiro](#) and [ThomasCrvsr](#))
 - 17 commits, 13 PRs merged
 - 174 stars (+23)
 - 35 forks (+4)

Date: August 30, 2016

Calls to Action

Who's running this week's meeting + email? fitzgen

Who's running next week's meeting + email? Eddy

Round Table (put your name next)

- One of our tests is crashing intermittently (bug 1294009):
 - Looks like a JS engine problem, but I'm not sure.
 - Should we make it our problem, or put it on someone else's plate? (if so, who?)
- [jwalker] More triage discrepancy
 - TL;DR -> How far back do we go?
- [jdescottes] localization migration for DTD files :
https://bugzilla.mozilla.org/show_bug.cgi?id=1294186

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>
- [jsnajdr] [Bug 1273760](#) - "blocked" state timing in NetMonitor - by Rituraj Vartak

Fun Sized Updates

-

Things I Learned / Weekly Good Reads

-

Text Updates

- TromeY
 - Bug 1244227 - network throttling - finally landed and stuck
 - Bug 1291049 - more work on webpack config
- Honza
 - Bug 1281789 - Create an HTML replacement for the sidebar all tabs menu
 - Bug 1284839 - Reps: Handle spaces between title and rep
 - WIP Bug 1260552 - Come up with something to replace a xul:splitter
- Gregtatum
 - WIP 1297784 - Turn performance controls into a React component
 - WIP 1289425 - replace uses of getCSSPropertyNamees
 - WIP 1290988 - Generate CSS properties database correctly for different versions.
- Jlast
 - Add this variable for inner scope
 - Fix scopes with selected frame
 - Add a mochitest suite for the new debugger
- [\[debugger.html\]](#)
 - 5 authors (including new contribs from [wldcordeiro](#) and [ThomasCrvsr](#))
 - 21 commits, 18 PRs merged
 - 151 stars (+37)
 - 31 forks (+0)
- HelenVholmes
 - Was in Chicago for User Research—analysis week following Edmonton
 - Lots of sticky notes
 - Distilled observations into user actions and into categories. Will follow-up when the user researchers build their presentation
 - Gave a talk at BrazilJS over the weekend, if ya wanna learn some stuff about typography:
<https://www.youtube.com/watch?v=qTrli4YQ1As&feature=youtu.be&t=9899>

Date: August 23, 2016

Calls to Action

Who's running this week's meeting + email? ~~fitzgen~~ (jwalker)

Who's running next week's meeting + email? **fitzgen**

Round Table (put your name next)

- Jwalker: triage chart
- Jdescottes: localization for devtools html: [retiring DTDs and promoting LocalizationHelper](#)
- https://docs.google.com/document/d/1sps16YPQvZUW2MG4TMlwAsDI5i90zZUSUN_LHg1cgM/edit#
- <https://docs.google.com/document/d/1lLb0zzHWyYhgvQlOOvhUdVICcfYQcFpbvvhPuXOIg8/edit>

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>
- Looks like a lot of ui polish / bugfixes this week

Fun Sized Updates

-

Things I Learned / Weekly Good Reads

- gregtatum: <https://nolanlawson.com/2016/08/15/the-cost-of-small-modules/>

Text Updates

- gregtatum
 - WIP Bug 1265796 - replace inIDOMUtils.getSubpropertiesForCSSProperty
 - WIP Bug 1290988 - Generate CSS properties database correctly for different versions
 - WIP Bug 1289425 - replace uses of getCSSPropertyNamees
- Pbro
 - Fixed eyedropper regressions:
 - 1289553 - Don't hiding color value of the new eyedropper
 - 1295607 - The eyedropper is broken at "https://www.mozilla.jp/about" page
 - 1295008 - Don't run duplicate the eyedropper
 - 1289543 - The new eyedropper does not work in XUL documents
- bgrins
 - Breaking down 'convert toolbox to html' work
 - More progress on bundling inspector with webpack
 - Working on getting DAMP measurements with new console frontend
- Jdescottes
 - Aboutdebugging: service worker status (Bug 1153292) in review
 - Devtools-html phase: localization bugs
- TromeY
 - Bug 1272098 - load default prefs into Services shim
 - Bug 1296427 - allow a branch to also be a pref in content implementation
 - Bug 1291049 - more playing with webpack config for inspector
 - Bug 1244227 - network throttling - landed (again)
- Honza
 - WIP Bug 1281789 - Create an HTML replacement for the sidebar all tabs menu
 - WIP Bug 1260552 - Come up with something to replace a xul:splitter
- [\[debugger.html\]](#)
 - 4 authors (including new contribs from [MattCain](#))

- 24 commits, 19 PRs merged
 - 114 stars (+1)
 - 31 forks (+2)
- Jlaster
 - Fix break on next regressions
 - Improve Pretty Print button so that it can navigate from pretty to ugly sources
 - Add support for setting pause on exceptions for caught and uncaught exceptions

Date: August 16, 2016

Calls to Action

Who's running this week's meeting + email? jimb

Who's running next week's meeting + email? fitzgen

Round Table (put your name next)

- [bgrins]: Intent to remove reflow logging in console:
https://groups.google.com/forum/#!topic/mozilla.dev.developer-tools/LU3_mcyUfdE
- The bugmaster triage reports do not ignore 'enhancement' bugs like we do on ours:
<https://mail.mozilla.org/pipermail/firefox-triage-leads/2016-August/000021.html>
 - Plan to continue using enhancement but also set P3
- [bigben] Last week as a Devtools fellow 🐱
- [linclark] Chrome RDP changes in tip-of-tree: [1.1](#) vs [tot](#)
 - Set up a follow up meeting to discuss
- [helenvholmes] Web Replay designs
 - https://invis.io/V689AQ45G#/180733944_Web_Replay_UI
- [bgrins]: Ideas about bringing 'container' tech to devtools / devedition:
<https://blog.mozilla.org/tanvi/2016/06/16/contextual-identities-on-the-web/>
 - I could imagine it might be nice if we had some "common" or useful profiles already started as boilerplates: one with JS turned off, etc.
 - Agree that would be useful, although container tech doesn't solve that AFAIK - that would be handled through multiple profiles and containers are hosted within a single profile
 - Multiple logins (one tab as admin user, one tab as normal user)
 - Storage inspector integration - swap out cookie jars through UI there as a way to avoid deleting a bunch of cookies
 - To start we could have the 'color' of the container reflected somewhere in the devtools to give a clue of the active container (in case of a detached devtools window maybe ?)
 - Yes, agreed we should integrate with the primary UI of the feature. Will need to follow up with product team to see what the feature is likely to look like and timelines for that

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>

Fun Sized Updates

Things I Learned / Weekly Good Reads

- [Honza] Stacking Contexts:
<https://philipwalton.com/articles/what-no-one-told-you-about-z-index/> [see also [bug 1291415](#)]
- [linclark] Webpack dashboard
<https://formidable.com/blog/2016/08/15/introducing-webpack-dashboard/>
- [jsnajdr] High Performance Browser Networking: very nice book <https://hpbn.co/>
- [clarkbw] [Developer Perception Survey High-Level Summary](#) (mozilla login required)
- [clarkbw] [debugger.html intro doc](#) (DRAFT by Jason Weathersby)

Text Updates

- Tromeey
 - Track 3 stuff
 - Bug 1290227 - add replacement module for DOM_VK_ constants
 - Bug 1292253 - replace some Ci uses in view-helpers and TableWidget
 - Bug 1293760 - change export in Services shim

- Bug 1293756 - avoid dynamic requires in autocomplete.js
 - Bug 1287910 - move devtools stack-related APIs to per-platform require
 - Messing around with Brian's webpack config and trying to see what problems remain
- Bug 1244227 - network throttling - addressed review comments; r+; in try
- helenholmes
 - Sidebar designs: https://invis.io/F68A5KHKY#/179720580_Sidebar_Tabs
 - Web Replay: https://invis.io/V689AQ45G#/180733944_Web_Replay_UI
- Honza
 - WIP Bug 1260552 - Come up with something to replace a xul:splitter
 - REVIEWS: 1244227, 1284838, 1278923, 1276675, 1293141, 1282465
- Jlongster
 - Make new debugger use local CodeMirror instance will all of our modes/themes/etc
 - Make theming work with new debugger
 - Prioritizing various bugs/features w/debugger
- [\[debugger.html\]](#)
 - 3 authors
 - 20 commits, 11 PRs merged
 - 113 stars (+12)
 - 29 forks

Date: August 9, 2016

Calls to Action

Who's running this week's meeting + email? helen

Who's running next week's meeting + email? jimb

Round Table (put your name next)

- [janx] Julian Descottes will be the new owner of about:debugging
- [nchevobbe] Hacks post is live:
<https://hacks.mozilla.org/2016/08/developer-edition-50-console-memory-tool-net-monitor-and-more/>
- [jlongster] New debugger [landed](#) behind pref
(devtools.debugger.new-debugger-frontend)
 - <https://github.com/devtools-html/debugger.html>
- [jwalker] WebRR is coming (maybe)
 - [read-only] Starting to think about it:
https://invis.io/B287ZTNGW#/179720491_Webrr
- [jwalker] Github Org <https://github.com/devtools-html/>
- [gregtatum] Performance tool now has eslint enabled
- [jbhoosreddy] last week as intern 🐼🐼
-

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>
- [bgrins] Improved keyboard navigation across the toolbox tabs and breadcrumbs:
https://bugzilla.mozilla.org/show_bug.cgi?id=1289170
https://bugzilla.mozilla.org/show_bug.cgi?id=1272011

Fun Sized Updates

-

Things I Learned / Weekly Good Reads

- a11y is shorthand for 'accessibility' with 11 being the number of letters between the 'a' and 'y'. Which parallels i18n for 'internationalization' and l10n for 'localization'.
 - e10s as well
 - L20n == localization + 1

Text Updates

- bgrins
 - Starting to attempt webpack bundling of inspector (bug 1291049)
 - Bug 1288475 - Split webconsole utils.js into separate client and server parts;r=MattN,tromey
 - Bug 1286844 - Fix weird tooltip behavior in by adding [title] for source location onto the inner ltr element;r=jsnajdr
- jryans
 - Working on keeping toolbox open as RDM is toggled (bug 1240912)
 - Resolved Talos regression in recent RDM changes (bug 1289410)
 - Updated DevTools Talos to use remote browser (bug 1291809)
- Tromey
 - Mostly track 3:
 - Bug 1287631 - fix typo in Services.appinfo use in devtools
 - Bug 1292184 - remove lazy requires from inspector

- Bug 1292245 - remove some unnecessary imports of chrome from devtools
 - Bug 1292574 - make CSS a global rather than a module in devtools loader
 - Bug 1292591 - use reject-some-requires eslint rule in sourceeditor
 - Bug 1281931 - remove some unused Selection methods
 - Bug 1278625 - remove some lazy loading from devtools; r?
 - Bug 1287910 - move devtools stack-related APIs to per-platform require; r?
 - Bug 1290227 - add replacement module for DOM_VK_ constants; r?
 - Completed sdk/ investigation and filed more bugs
- Bug 1244227 - network throttling - found yet another problem; fixed; r?
- Jdescottes
 - devtools.html phase 2: localization migration breakdown (Bug 1290947)
 - devtools.html phase 2: inspector.xul migration to HTML (Bug 1262443)
 - aboutdebugging: resume work on Bug 1153292 (show service worker state)
 - aboutdebugging: starting on Bug 1243329 (connect screen)
 - eyedropper regressions: Bug 1289150 (landed) & Bug 1289152 (landed)
 - Bug 1291306: CSS text-transform broken on <input> (landed)
 - Bug 1293211: inspector test fixing for xul panel async (landed)
 - Bug 1287388: debugger test fixing for xul panel async (landed)
 - Bug 1290086: editing long class attributes has too small UI (landed)
 - review Bug 1275399: Reimplement RTL for XHTML breadcrumbs
 - review Bug 1156291: Tooltips in the layout-view show "null"
 - review Bug 1290680: TypeError in TooltipToggle.js
- Gregtatum
 - Resolved Bug 1290142 - Eslint the performance tool client
 - Resolved Bug 1291322 - Manually throttle CssRuleView tests
 - Resolved Bug 1275939 - replace domUtils.getCSSValuesForProperty in inplace-editor.js
 - WIP Bug 1289425 - replace uses of getCSSPropertyNamees
 - WIP Bug 1265796 - replace inIDOMUtils.getSubpropertiesForCSSProperty
- helenvholmes
 - Boring stuff, but I have cleaned up a bunch of stuff in Invision and have been attaching links in the URL section of bugs where relevant. Invision commenting is a *little* easier than going back and forth in bugs, although I try to capture all feedback to revise designs: <https://cl.ly/1Z0N0J3t2k3T>
 - Grid tooling designs: https://invis.io/3X87NEBYH#/179720294_Grid
 - Updates to box model designs: https://invis.io/W287NPLAQ#/179720590_Better_Box_Model
 - Some initial thoughts around WebRR and how to roll it out: https://invis.io/B287ZTNGW#/179720491_Webrr
- gasolin
 - bug 1291638 New Box-Model color theme
 - Converted inspector searchbox to html and fixing related regressions
- [\[debugger.html\]](#)
 - 6 authors (including amitzur, jsnajdr, and lots from jbhoosreddy)
 - 46 commits, 34 PRs merged
 - 101 stars (+5)
 - 28 forks

Date: August 2, 2016

Calls to Action

Who's running this week's meeting + email? jryans

Who's running next week's meeting + email? helen

Round Table (put your name next)

- Jaideep intern presentation today 2PM PT on air mozilla
- [nchevobbe] DevEdition 50 Hacks post draft - please comment
<https://docs.google.com/a/mozilla.com/document/d/1v-KAji0JeryfoKYJDEWO3JAShm8zkgYoTiBPo2z5a9E/edit?usp=sharing>
- [bgrins] console and debugger html conversion work are in a shared github org:
<https://github.com/devtools-html/debugger.html>

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>

Fun Sized Updates

- [jryans] Message manager is now used to connect to toolbox for both non-e10s and e10s
 - https://bugzilla.mozilla.org/show_bug.cgi?id=1240907
- [bgrins] Thanks Sami for fixing tough intermittents:
https://bugzilla.mozilla.org/show_bug.cgi?id=1237492
https://bugzilla.mozilla.org/show_bug.cgi?id=1270234

Things I Learned / Weekly Good Reads

- [bgrins] unicode-bidi: <https://drafts.csswg.org/css-writing-modes-3/#unicode-bidi>
 - `data:text/html,<p style="direction: rtl"><span style="direction: ltr; unicode-bidi: embed">_text</span></p>`
 - `data:text/html,<p style="direction: rtl"><span>_text</span></p>`
- [jryans] Vidyo camera

Text Updates

- TromeY
 - [1244227- add back end network speed throttling](#); reproduced failure locally; investigating
 - 1281931 - fix up selection.js
 - 1287915 - add webpack-style "raw!" handling for require()
- Gregtatum
 - Fixed 1290971 - test_css-properties-db.js is permafailing on Aurora since the Gecko 50 uplift
 - Fixed 1288830 - Start running ESLint on some of the performance tool
 - To Land 1275939 - replace domUtils.getCSSValuesForProperty in inplace-editor.js
 - WIP 1290142 - Eslint the performance tool client
 - WIP - Dealing with throttle and setTimeout in inspector tests.
- [\[debugger.html\]](#)
 - 7 authors (including hallvors and JasonWeathersby)
 - 27 commits, 14 PRs merged
 - 96 stars (+9)
 - 27 forks
- JLast
 - Added m-c key-shortcuts, event-emitter, and services modules
 - Pause on top-level breakpoint
 - Move Source Maps to a worker
 - Pretty Print Sources

Date: July 26, 2016

Calls to Action

Who's running this week's meeting + email? Lin

Who's running next week's meeting + email? jryans

Round Table (put your name next)

- [bgrins] devtools.html 'phase 2' planning
 - [Doc](#)
 - [Meta bug](#)
- [helenvholmes] Field Research in Edmonton
- [jwalker] Bugs, Repos, Build systems, etc:
https://docs.google.com/document/d/1_Q76IIOLr1pk7bdKStm1jIMduoNkImvYrjyUHny1ouk/edit

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>
- Enable memory panel by default [bug 1241298](#)

Fun Sized Updates

- [bgrins] "Help needed"
 - [Bug 1288493](#) - js runs much slower in this reduced test case with toolbox opened
 - [Bug 1279351](#) - tracking down a memory leak in console when evaluating code. If I could watch over someone's shoulder while they debugged this it would be super helpful for me
 - Jdescottes : looks like [Bug 1275752](#)
- [jbhoosreddy] [Bug 670002](#) - source map for console finally landed. It is currently preffed off but if others can try it out and point out any issues they notice, that'd be helpful. We want to make sure it works properly before we enable it by default.
[devtools.sourcemap.locations.enabled]
- [jryans] ESLint ignore syntax: the following doesn't quite work:
 - devtools/shared/**
 - !devtools/shared/foo/bar.js
 - (could be an ESLint bug, but worth double checking when editing ignore list)
- [bgrins] [read-onl4y] devtools-oranges:
<https://public.etherpad-mozilla.org/p/devtools-oranges>
 - Way up this week - 1081 failures in 435 pushes
 - Bug 1288348 - 325
debugger/test/mochitest/browser_dbg_split-console-paused-reload.js
 - Bug 1287745 - 301 inspector/layout/test/browser_layout_update-after-reload.js
 - Bug 1288213 - 104
inspector/layout/test/browser_layout_update-after-navigation.js

Things I Learned / Weekly Good Reads

- [fitzgen] [read-only] Benchmarking Correctly Is Hard
 - <http://jvns.ca/blog/2016/07/23/rigorous-benchmarking-in-reasonable-time/>
 - Her whole blog in general is A+++++ [agreed, it's like listening to someone talk at lunch about ideas they went and did some research on, and they're telling you only the cool bits -jimb]

Text Updates

- [\[debugger.html\]](#)
 - 7 authors (including david walsh, kenneth auchenberg, and jaideep)
 - 35 commits, 27 PRs merged
 - 87 stars

- 26 forks
- Gregtatum
 - Check-in Needed - Bug 1288830 - Start running ESLint on some of the performance tool
 - Landed - Bug 1286232 - Add scripts and tests to automate the css-properties-db...
 - WIP - Bug 1275939 - replace domUtils.getCSSValuesForProperty in inplace-editor.js
 - WIP - Bug 1265796 - replace inIDOMUtils.getSubpropertiesForCSSProperty
- Tromey
 - [1244227- add back end network speed throttling](#); landed, backed out again, trying now to reproduce the failure
 - Bug 1286356 - isolate import of Console in event-emitter; landed
 - Bug 1264649 - add reject-some-requires eslint rule; landed
 - Bug 1266832 - add dummy telemetry object to Services shim; landed
 - Bug 1276341 - remove some uses of Cu.import; landed
 - [Bug 1278473](#) - Remove usage of Services.FocusManager in devtools/client; r?

Date: July 19th, 2016

Calls to Action

Who's running this week's meeting + email? Pbro

Who's running next week's meeting + email? Lin

Round Table (put your name next)

- [linclark] Console progress and plan
- [pbro] Undergraduate Capstone Open Source Projects:
<https://public.etherpad-mozilla.org/p/devtools-ucosp-ideas>

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>

Fun Sized Updates

- [bgrins] [readonly] - Devtools oranges - 281 failures in 391 pushes - 0.71 -
<https://public.etherpad-mozilla.org/p/devtools-oranges>
 - 64 - 1284735 browser_markup_dragdrop_autoscroll_02.js
 - 54 - 1237492 test_jstern_autocomplete.html
 - 33 - 1236737 browser_cmd_screenshot.js
- [jdescottes] custom try syntax: think about mochitest-clipboard & mochitest-clipboard-e10s
 - [jryans] You can use "mochitests" if you want to not think too hard
- [jdescottes] [readonly] list of devtools bugs with > 2 user votes: <https://mzl.la/29F9fyR>

Things I Learned / Weekly Good Reads

- [jwalker]: The value of a hacked bugzilla account
- [jwalker]: The sorry story of Anthony Richaud's first trip to the US

Text Updates

- Tromeey
 - [Bug 1278588](#) - ASSERTION: Potential deadlock detected (ObservedDocShell::ClearMarkers(), locking mOffTheMainThreadTimelineMarkers); investigated; probably dup of 1253516
 - [Bug 1283887](#) - Deadlock in TimelineConsumers::IsEmpty; investigated; dup of 1253516
 - [1266839- replace nsIXULAppInfo](#); r+
 - [1265802- replace nsIXULRuntime.OS and Services.appinfo.OS](#); checkin-needed
 - [1286877- useless emacs cookies in many files](#); irritating trivia; checkin-needed
 - [1244227- add back end network speed throttling](#); I think I finally found the try failure, but automation is being wonky
- Bgrins
 - Reviews: bug 1285206, 1285053, 1285540, 1286872, 1285053, 1286553, 1286523, 1286523, 1287438, 1287090
- Gregtatum
 - WIP 1275939 replace domUtils.getCSSValuesForProperty in inplace-editor.js
 - WIP 1265796 replace inIDOMUtils.getSubpropertiesForCSSProperty
 - 1259228 Perf shortcut fix
 - 1286238 Test that the css-properties-db.js is up to date
 - 1265785 replace uses of inIDOMUtils.getCSSPseudoElementNames
 - Also learning the perf tool :)
- Pbro:

- 1278552 - Ctrl+F doesn't focus filter field in ruleview in some cases
 - 1287042 - DevTools - Inspector doesn't show pseudoelements with display:none style
 - 1262439 - Stop using a XUL panel for the eyedropper
- Honza
 - PATCH Bug 1287368 - The inspector sidebar is not displayed in portrait mode
 - STARTED Bug 1260552 - Come up with something to replace a xul:splitter
 - ANALYSIS Bug 1281789 - Create an HTML replacement for the sidebar all tabs menu
 - Many reviews
-

Date: July 12th, 2016

Calls to Action

Who's running this week's meeting + email? Nick

Who's running next week's meeting + email? Pbro

Round Table (put your name next)

- [jsnajdr] Working on experimental WebSocket server for the remote debugging protocol. Lets clients like debugger.html to connect directly without a proxy. Watch [bug 1286281](#) if you're interested - I'll post a patch soon. +1

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>
- https://bugzilla.mozilla.org/show_bug.cgi?id=1280121 - re-enable font panel

Fun Sized Updates

- [read only] Top oranges from last week
(<https://public.etherpad-mozilla.org/p/devtools-oranges>)
 - 1284735 75 Intermittent devtools/client/inspector/markup/test/browser_markup_dragdrop_autoscroll_02.js | Test timed out
 - 1237492 73 Intermittent test_jstest_autocomplete.html | Bailed out with too many properties - got 1500, expected +0, | matches.length is MAX_AUTOCOMPLETIONS - got +0, expected 1500
 - 1236737 23 Intermittent browser_cmd_screenshot.js | This test exceeded the timeout threshold

Things I Learned / Weekly Good Reads

- [bgrins] "Origin Trials":
<https://github.com/jpchase/OriginTrials/blob/gh-pages/developer-guide.md>
- <https://emceeai.ch.github.io/triage-center/?component=Firefox%3ADeveloper+Tools> -> "Attention Needed" tab
- [helenvholmes] Github updated to system fonts!
- [ejpbruel]: SpiderMonkey has a static rooting analyser.
- [linclark]: Apollo 11 guidance computer code is up:
<https://github.com/chrislgarry/Apollo-11>

Text Updates

- bgrins
 - Bug 1283641 - Don't use a missing localized string when changing context in webconsole;r=dolske
 - Bug 1285225 - Set accesskey and disabled properties on menuitems with submenus in Menu API;r=jdescottes
- helenvholmes
 - Bug 1266414 - Implement the design spec for the device modal, checkin-needed
 - Bug 1260523 - Use the new thin icon style from bug 1225184 on toolbar icons, r=ntim
 - Bug 1247331 - Import snapshot button should be an icon
- Honza
 - WIP Bug 1259819 - Create an HTML replacement for the sidebar tabs widget
 - REVIEW Bug 1276675 - At mouse over, the 'X' button via Notification bar is offset by ~1px
 - REVIEW Bug 1280791 - Don't apply min-width to the command-button-frames checkbox in firebug theme

- REVIEW Bug 1280791 - Don't apply min-width to the command-button-frames checkbox in firebug theme
- REVIEW Bug 1285449 - Firebug theme - Don't apply inverted filter for sidebar-toggle in Inspector
- Pbro
 - Back after sick leave
 - 1262439 - Stop using a XUL panel for the eyedropper
 - 1282726 - Create a simple CSS Grid highlighter that displays grid lines
 - 1277348 - Inspector never loads and then can't close toolbox once it's been opened (somehow doc.write() related?)
 - 1254814 - Intermittent e10s browser_markup_navigation.js | Found the doctype after pressing pageup - Got 1, expected 10
- Jlast
 - Update center pane (welcome message, sources search)
<https://github.com/jlongster/debugger.html/pull/310>
 - Loading source maps (<https://github.com/jlongster/debugger.html/pull/311>)

Date: July 5th, 2016

Calls to Action

Who's running this week's meeting + email? Eddy

Who's running next week's meeting + email? fitzgen

Round Table (put your name next)

- Fitzgen: Brad Werth from the Layout team wants to help us build awesome layout-related tools!
- bgrins [having vidyo problems]: devtools oranges - (up this week) - 355 failures in 397 pushes = .89 failures per push
 - <https://public.etherpad-mozilla.org/p/devtools-oranges>
 - Top oranges - if anyone has time to fix any, please do!
`77 browser_toolbox_options_disable_js.js Operation not possible on dead CPOW`
`52 browser_addons_debug_bootstrapped.js | This test exceeded the timeout threshold. It should be rewritten or split up.`
`51 test_jstern_autocomplete.html | Bailed out with too many properties - got 1500, expected +0, | matches.length is MAX_AUTOCOMPLETIONS - got +0, expected 1500`
- jryans: When filing new feature bugs, remember to set the "severity" field to "enhancement" to save time on bug triage

User Visible Changes

- *Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>*
- [jsnajdr] [Bug 1281732](#): showing network stacktraces in console netlogging, style changes in how stack traces are displayed in console (e.g., asyncCause). Please complain and report if you find bugs or just don't like something.
- [jsnajdr] [Bug 1231445](#): more editability in Storage Inspector - this time it's removing IndexedDB items.

Fun Sized Updates

-

Things I Learned / Weekly Good Reads

- [jimb] The plural of "pinot noir" is "pinots noir", but the plural of "amuse-bouche" is "amuse-bouches".
 - [bchabod] This is because "amuse-bouche" is made of a verb ("amuser") which can't take an "s", and in "pinot noir" the color is both an adjective and a noun so it doesn't take an "s". There is a logic!
 - [jdescottes] and that's just a recent addition. The plural of amuse-bouche used to be amuse-bouche. Because.
 - [helenvholmes] This sounds like "moose" logic. The plural of moose is moose.
 - Amoose-bouche then. 🐾
- [jimb] GPUs are really, really fast: clone <https://github.com/jimblandy/julia-glium> and type "cargo run", if you've got Rust installed. (And let me know if it doesn't work...)

Text Updates

- Honza
 - REVIEW Bug 1281732 - Show network request JS stack traces in HTTP log message in Console
 - REVIEW Bug 1282211 - Requests cannot be sorted by cause
 - WIP Bug 1259819 - Create an HTML replacement for the sidebar tabs widget
 - PATCH Bug 1282463 - Reps: ensure that grip arrays work even when a provider is not provided
 - REVIEW Bug 1283123 - Reps: make it possible to pass in a component to handle object links

- Gregtatum
 - Landing Bug 1226898 - Autoscroll breaks the markup view if the height of the view is less than 100px
 - WIP - Bug 1275939 - replace domUtils.getCSSValuesForProperty in inplace-editor.js
 - WIP - Bug 1265796 - replace inIDOMUtils.getSubpropertiesForCSSProperty
- Tromey
 - 1244227 - network throttling - landed but then backed out
 - 1276349 - DAMP regression; have patch that seems to work
 - Various things landed
- helenholmes
 - Design: Bug 1260225 - Move inspector-related command buttons...
 - Bug 1266414 - Implement the design spec for the device modal, r=jryans
 - Bug 1150496 - Better inspector box-model view
 -

Date: June 28

Calls to Action

Who's running this week's meeting + email? Greg

Who's running next week's meeting + email? Eddy

Round Table (put your name next)

- [bgrins] Oranges - 279 failures in 403 pushes = .69 failures per push
 - <https://public.etherpad-mozilla.org/p/devtools-oranges>

User Visible Changes

- *Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>*
- [Jarda] Bug 1280247 - Netmonitor JS stack traces should show the frame's asyncCause
- [Janx] Bug 1188981 - Now showing Push Subscription endpoint URLs for Service Workers in about:debugging
 - <https://bug1188981.bmoattachments.org/attachment.cgi?id=8740042>

Fun Sized Updates

- [jwalker] Triage sheet shows we're missing bugs
 - https://docs.google.com/spreadsheets/d/1ZsZiCLN_nvEdaw1iTz54_b7I1uzo0Dt4b_wrlgdMD75U/edit#gid=45619545
- Object inspector + reps in debugger:
<https://github.com/jlongster/debugger.html/pull/267>

Things I Learned / Weekly Good Reads

- [helenvholmes] Project Shrub:
https://docs.google.com/presentation/d/1gpto-CMN4IZzAR5zVCIQBQnKC8lbrnHvQ8K33Nm_X6U/edit?pli=1#slide=id.g1412ee76ac_0_6
- [bgrins] <https://en.wiktionary.org/wiki/blag>
- <http://weatherishappening.com/>

Text Updates

- bgrins
 - Bug 1277207 - Show tooltip arrow in rtl locales;r=jdescottes
 - Bug 1278368 - Remove the error console. r=dolske
 - Attempting to remove error console bugzilla component / bugs which is harder than removing code
- Gregtatum
 - (WIP) Bug 1265796 - replace inIDOMUtils.getSubpropertiesForCSSProperty
 - (WIP) Bug 1226898 - Autoscroll breaks the markup view if the height of the view is less than 100px
- helenvholmes
 - Bug 1150496 - Better inspector box-model view
 - Bug 1266414 - Implement the design spec for the device modal
- Honza
 - PATCH Bug 1279649 - The inspector-pane-toggle should be rotated 90 deg, when docking to side of browser and vertical mode
 - PATCH Bug 1281489 - Reps: Grips rep renders only 3 properties in long mode
 - PATCH WIP Bug 1266420 - Create an HTML replacement for Sidebar toggle button
 - Rep tests reviews
- jdescottes
 - Focusing on popups for devtools-html
 - Bug 1267403 - Extend HTML tooltip API to be hosted in XUL panel if available (WIP)

- Bug 1266456 - HTML replacement for autocomplete (partially landed)
 - Bug 1278823 - "csscoverage.sheetToUrl is not a function" in StyleEditor (r+)
- Jlongster
 - [Bug 1238173](#) - Investigate removing ScriptStore
 - Helping Jaideep work on console sourcemapping
 - Remove pretty-print button when debugger workers for now (because it doesn't work)
 - Planning how to land debugger.html
- zer0
 - Bug 1241867 - Adding a method on platform side to override DPI per window [waiting review]
 - Bug 1254385 - Apply DPR from selected device [pushing the patch right now / waiting for review]
 - Still working on a prototype to having a react / redux approach for highlighters
- Tromey
 - Bug 1266844 - css-logic refactor for track 3; r+
 - Bug 1225254 - another css-logic refactor; r+
 - Bug 1244227 - network throttling; r+ finally yay; try failures
 - Bug 1275637 - eslint error in webgl-utils; one line fix that's impossible to land
 - Bug 1276349 - DAMP regression; in progress
 - Bug 1264654 - Use DOMParser in devtools; landed

Date: June 21

Calls to Action

Who's running this week's meeting + email? Nicolas

Who's running next week's meeting + email? Greg

Round Table (put your name next)

- [bgrins] Devtools oranges [118 failures in 267 pushes](#). Way less pushes / failures last week due to all hands, but also a lower percentage of oranges per-push!
 - <https://public.etherpad-mozilla.org/p/devtools-oranges>

User Visible Changes

- *Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>*
- [jarda] Show JS stack traces of Fetch requests in Netmonitor ([bug 1278778](#))

Fun Sized Updates

- Jason proposed and she said yes! 🎉🎉🎉🎉🎉🎉💍

Things I Learned / Weekly Good Reads

- [helenvholmes] I love [this gif](#) on information/table design
- HTC Vive : try it !

Text Updates

- helenvholmes
 - Bug 1280937: worth CC'ing on if you use animation tooling in FF
- jdescottes
 - Bug [1267503](#) - Font inspector not displayed in alltabs menu (reviewed)
 - Bug [1221545](#) - Cannot disable style editor like the other tools (reviewed)
 - Bug [1278984](#) - Support optional tabs in sidebar component (WIP)
 - Bug [1280866](#) - Add keyboard shortcuts to edit markupview (WIP)
 - Bug [1266456](#) - HTML replacement for autocomplete (WIP)
 - Bug [1278823](#) - "csscoverage.sheetToUrl is not a function" in StyleEditor (r?)
- bgrins
 - Bug [1278368](#) - Working on Error Console removal
- Honza
 - PATCH Bug 1280949 - Use regexp to identify browser based directories for BrowserLoader
 - WIP Bug 1259819 - Create an HTML replacement for the sidebar tabs widget
 - PATCH Firebug 2: Mark as e10s compatible #8030 (to avoid blocking on AMO)
 - REVIEW Bug 1281051 - Remove text-node rep
 - TESTING Bug 1244227 - add back end network speed throttling
- zer0
 - Bug 1241867 - Adding a method on platform side to override DPI per window [fixing unit test]
 - Bug 1254385 - Apply DPR from selected device
 - Investigating about how to have a react / redux approach for highlighters

Date: June 7

Calls to Action

Who's running this week's meeting + email? Eddy

Who's running June 21st meeting + email? Nicolas

Round Table (put your name next)

- [bgrins] Devtools oranges: [356 failures](#) (was 367 last week), thanks to everyone who's been taking these on
 - Been keeping track of this in <https://public.etherpad-mozilla.org/p/devtools-oranges>
 - Lots of CPOW errors around 10-15 last week. Easy fixes and once they start, for whatever reason they can become much more frequent
- [jsnajdr] DevEdition 49 Hacks post draft - please comment: +1
 - <https://docs.google.com/document/d/1e0VruZVoAxSbuxlTqtgh7s6dJUNk1XbmfTyiQgwAM9I/edit?usp=sharing>
 - Etherpad: <https://public.etherpad-mozilla.org/p/devtools-49-relnotes>
- [jlongster] We're demoing the debugger this Thu 12AM PST
 - Let me know if you want an invite
 - Running in Firefox: <https://cloud.githubusercontent.com/assets/17031/15790536/cee00f72-299f-11e6-8343-8f71ef315bf5.png>
- [joe]: Meal arrangements on ~~Tuesday~~ Thursday next week.
 - Also, while we're on the subject, Google is super helpful in organizing this... <https://s3.amazonaws.com/f.cl.ly/items/1W3n203G3O1C301F0D11/Screen%20Shot%202016-06-07%20at%2014.29.28.png?v=4501c7e4>
- [joe]: The numbers of untriaged bugs is slowly going up...
 - https://docs.google.com/spreadsheets/d/1ZsZiCLN_nvEdaw1iTz54_b7I1uzo0Dt4bwrJgdMD75U/edit#gid=45619545

User Visible Changes

- *Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>*
- [bgrins] Console input focus style has been updated (bug 1277858), thanks Yura and Helen for working through the focus styles across the tools this release
 - <https://dl.dropboxusercontent.com/u/185952/light-focus-webconsole.png>
 - <https://dl.dropboxusercontent.com/u/185952/light-unfocus-webconsole.png>
- [jsnajdr] JS stack traces in Network Monitor (bug 1134073) +1 awesome work
 - <https://bug1134073.bmoattachments.org/attachment.cgi?id=8758693>
- [jdescottes] markupview - textnodes no longer expand when selected (gif: <https://bug1202458.bmoattachments.org/attachment.cgi?id=8760795>) (bug 1202458)

Fun Sized Updates

- [bgrins] Intent to remove the Error Console:
<https://groups.google.com/forum/#!topic/mozilla.dev.platform/1F8hGz9mH-A>
 - Filed a bug to remove the code: [1278368](#) and one to remove the component from bugzilla: [1278372](#)
- New clipboard (cl) test job
 - <https://mail.mozilla.org/pipermail/firefox-dev/2016-May/004304.html>
- You can now r- patches in MozReview
- [pbro] In case you use artifact build, it got broken these days: https://bugzilla.mozilla.org/show_bug.cgi?id=1277841 but apparently just got fixed. Make sure to pull again.

Things I Learned / Weekly Good Reads

- [ejpbruel] If you compile with --disable-optimize, you won't catch all warnings-as-errors.
- [jlongster] dom.ipc.processCount flag
 - [jryans] Breaks some things like view source
 - [janx] for what it's worth, someone in the Paris office has been using it at 10+ for regular browsing and is happy with it

Text Updates

- Tromeys
 - Bug 1244227 - network throttling
 - Found and fixed recursion error
 - Debugging upload failures
 - Rebasing introduced a new bug
 - Bug 1277628 - handle js::GCPtr in gdb pretty-printers; landed
 - Bug 1277534 - avoid output-parser failure with invalid URL; landed
 - Some patch review
- Pbro
 - 1268082 - replace inIDOMUtils.cssPropertySupportsType
 - 1277571 - Fix "TypeError: this is null: HTMLBreadcrumbs.prototype.scroll" in the new HTML breadcrumbs landed with bug 1259812
 - 1275029 - output-parser.js refactor to support inline editors and extensions in the rule-view
 - See architecture doc:
<https://gist.github.com/captainbrosset/937fb40a95b59cfe5e8496b16bccde86>
 - Having a play with CSS Grid devtools API
 - 1273624 - Style rules are not displaying while inspecting remote runtimes
 - 1262439 - Stop using a XUL panel for the eyedropper
- Jdescottes
 - inspector: Bug 1202458 - [markup-view] Collapsing an element which has only text child by clicking on another element may move event target from under the mouse cursor (landed) (gif <https://bug1202458.bmoattachments.org/attachment.cgi?id=8760795>)
 - inspector: Bug 1107658 - Undo fails after deleting node that has a pseudo element sibling (landed)
 - inspector: Bug 1254070 - markup-view: style attribute autocomplete works only when caret is at the end of the input (landed)
 - inspector: Bug 1271899 - Clicking outside of text fields in box model doesn't collapse them (landed)
 - devtools.html: Bug 1276876 - Migrate the ruleview Image & Font preview to use HTML Tooltip (landed)
 - devtools.html: Bug 1277501 - Convert markupview breadcrumbs to keyboard shortcut module (landed)
 - devtools.html: Bug 1277906 - HTML Tooltip keeps the focus after being hidden (landed)
 - devtools.html: Bug 1266450 - Create a HTML Tooltip to display event details (r?)
 - devtools.html: Bug 1266456 - Create a HTML replacement for the autocomplete suggestion popup (WIP)
- Honza
 - PATCH Bug 1276873 - Intermittent browser_toolbox_window_title_frame_select.js | Test timed out
 - WIP Bug 1259819 - Create an HTML replacement for the sidebar tabs widget
 - Firebug 2, new release, blog post (waiting for AMO review)
 - WebSocket Monitor, fixing compatibility with latest Nightly, new release
 - PATCH Bug 1274760 - Properties values in the Style Inspector's Rules tab are not styled correctly with the Firebug theme

- zer0
 - Bug 1267278 - RDM's browser_menu_item_02 test leaks browser.xul on e10s [landed]
 - Bug 1260043 - "Toggle rulers for the page" is broken if toolbox is detached [landed]
 - Bug 1260044 - "Measure a portion of the page" is broken if toolbox is detached [duplicate of Bug 1260043]
 - Bug 1254385 - Apply dPR from selected device [wip]
 - Bug 1241867 - Adding a method on platform side to override DPI for mozmm [wip]

Date: May 31st, 2016

Calls to Action

Who's running this week's meeting + email? pbro

Who's running next week's meeting + email? Eddy

Round Table (put your name next)

- [Moby] <http://mobyvb.com/box-model-editor/> (click on the grey rectangle to edit margin/padding).
- Intermittents going down!

User Visible Changes

- Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>
- [jdescottes] contributions from Taipei on aboutdebugging. [Bug 1266415](#): service workers disabled error message & [Bug 1268107](#): 404 page when using an invalid hash
- [1127572 When I use the 'H' key to hide an element in the DOM, the markup view should grey it out](#)

Fun Sized Updates

-

Things I Learned / Weekly Good Reads

- [helenvholmes] half-way through Typekit's type lessons and they're rad: <http://practice.typekit.com/lesson/>
- [helenvholmes] [Taking Robots to Design School](#)
- [clarkbw] Node.js adds support for Chrome Remote Debug Protocol (<https://github.com/nodejs/node/pull/6792>)
 - <https://github.com/nodejs/node/issues/7072> additional discussion
 - <https://github.com/jasnell/vm-summit/issues/7>
 - <https://github.com/nodejs/tracing-wg/issues/51>

Text Updates

- jryans
 - Completed: [Preserve page state when toggling RDM](#)
 - Completed: [Include DevTools command line handler via category entry](#)
 - Completed: [Resolve window errors from Positron debugger](#)
 - In Progress: [Present page's URL and title in the browser UI](#)
 - Reviewed: [Toggle touch event simulation](#)
 - Reviewed: [Convert toolbox.xul to use new key shortcut API](#)
 - Reviewed: [Decouple fronts from stylesheet actors.](#)
 - Reviewed: [Install a temporary add-on via remote debugging](#)
 - Reviewed: [Tune eslint max line length to 90](#)
 - Reviewed: [devtools responsive design tool leaks browser.xul window](#)
- Tromey
 - Sick
 - Bug 1265869 - replace Task.jsm; r+; landed
 - Bug 1244227 - network throttling; partial review in, now must revisit
 - Bug 1265808 - replace Services.prefs; landed
 - Bug 1265813 - replace nsIIOService; landed
 - Commented on output-parser redesign
 - Some patch review
 - [Bug 1275637](#) - fix eslint errors in devtools/client/shared/webgl-utils.js; backed out for obscure failure
 - [Bug 1273941](#) - Convert client promise.jsm defer uses to promise_defer; started work

- Benoit
 - Landed: [Bug 1245780](#) - Use ContentTask.spawn() in about:debugging tests
 - Partial review: [Bug 1254392](#) - Refresh device DB after some time interval
 - WIP: [Bug 1275559](#) - RDM doesn't handle properly empty device list
 - WIP: [Bug 1164829](#) - Add a button to stop a Service worker in about:debugging
 - WIP: [Bug 1275520](#) - Devices removed from the list reappear
- helenholmes
 - Bug 1151468 - Add accessibility inspection functionality to our DevTools
 - Bug 1266414 - Implement the design spec for the device modal
 - debugger.html, #190, increased contrast on Codemirror gutter background
 - debugger.html, #188, increase spacing on top bar #189
 - debugger.html, #196 Items in tree should have icons that match their type
- Honza
 - PATCH Bug 1275556 - Reps: Obj rep should support 'tiny' mode
 - REVIEW Bug 1214752 - [e10s] CORS preflights are not shown in the network monitor
 - REVIEW Bug 1244227 - add back end network speed throttling
 - REVIEW Bug 1264685 - [rep tests] Add tests for grip rep
 - REVIEW Bug 1276206 - Reps: If a grip/object's property name is "more", it is clobbers the caption
 - REVIEW Bug 1276210 - Reps: Use getDefaultProps for Caption object
 - PATCH Bug 1276661 - [Ubuntu] Notification Bar is intelligible
 - PATCH Bug 1276229 - Reps: Move PropRep Component into its own module
- Jdescottes
 - devtools-html : Bug 1267401 - migrate xul panel's "arrow" style (landed)
 - devtools-html : Bug 1266448 - migrate markup-view image preview tooltips (landed)
 - devtools-html : Bug 1266450 - migrate event details popup (in review soon)
 - inspector : Bug 1275081 - make inplace editor tests more reliable (landed)
 - inspector : Bug 1202458 - Text nodes should not expand/collapse on selection (r?)
 - inspector : Bug 1254070 - trigger autocomplete if nextchar is not a word character (r?)
 - inspector : Bug 1271899 - Cannot collapse layout-view editors (r?)
- gregtatum
 - Resolved Bug 1265798 - replace inIDOMUtils.cssPropertyIsShorthand
 - WIP Bug 1265790 - replace inIDOMUtils.isInheritedProperty
 - WIP Bug 1265796 - replace inIDOMUtils.getSubpropertiesForCSSProperty
 - WIP - Collapsed nested sources in debugger.html
- Pbro
 - 1275083 - Intermittent browser_rules_add-rule_05.js | This test exceeded the timeout threshold
 - 1237885 - Intermittent browser_rules_add-rule_01.js | This test exceeded the timeout threshold
 - 1275029 - output-parser.js refactor to support inline editors and extensions in the rule-view
 - 1262439 - Stop using a XUL panel for the eyedropper
 - 1268082 - replace inIDOMUtils.cssPropertySupportsType
- zer0
 - Bug 1267278 - RDM's browser_menu_item_02 test leaks browser.xul on e10s
 - Bug 1241867 - Adding a method on platform side to override DPI for mozmm
 - Bug 1267219 - Anonymous Content doesn't work properly if used on a non-active tab

Date: May 24th, 2016

Calls to Action

Who's running this week's meeting + email? helenvholmes

Who's running next week's meeting + email? pbro

Round Table (put your name next)

- [bgrins] Sorted top oranges are looking *a lot* better:
https://docs.google.com/spreadsheets/d/1ZsZiCLN_nvEdaw1iTz54_b7I1uzo0Dt4bwrJgdMD75U/edit#gid=45619545. Thanks to everyone who helped out so far
 - Fixed 1115779, 1210671, 1269977, 1253510, and others (I didn't make a note of the top intermittents before the search changed so could be missing some)
 - This week: 435 failures in 601 pushes down from 828 failures in 591 pushes last week
 - I pasted in all the current intermittents with > 10 failures this week into <https://public.etherpad-mozilla.org/p/devtools-oranges>
- [gl] New Interns - Jaideep Bhoosreddy [:jbhoosreddy] +1 🎉
- [bgrins] New Interns - Maximillian [:moby] +1 🎉
- [jryans] Version history for file moves / copies
 - As part of devtools.html prep, we're moving and copying more files around than we usually do.
 - We should try our best to preserve version history when doing these things so that annotate / blame tools continue to work well after a file move. (I've noticed a few places where this was missed in the last few weeks.)
 - If you use hg, there are explicit hg mv / cp commands you should use to record the move / copy in your patch. If you use git, it's a bit trickier since git does not explicitly record this data. You'll need to check the hg formatted patch that you upload for review. Depending on the git tools you use, you may be able to tweak options like -M and -C to force git to detect the move and record it correctly.
 - If you are reviewing a file move, please check to be sure it is recorded properly. With MozReview, the file list should state the move or copy clearly. With Splinter on Bugzilla, it's a lot less obvious, and I usually find I have to view the raw diff attachment to double check.

User Visible Changes

- *Note: 'Bugs resolved in last week' search for a refresher: <http://mzl.la/1OTZAYt>*
- [1271191](#) Support CSS #rgba and #rrggbbaa color syntax in the inspector

Fun Sized Updates

- [bgrins] pushPrefEnv/popPrefEnv/flushPrefEnv now returns a promise ([Bug 1197310](#))
- [jryans] Bugzilla's modern / experimental UI mode
 - <https://bugzilla.mozilla.org/userprefs.cgi?tab=settings>
 - Use experimental user interface -> On

Things I Learned / Weekly Good Reads

- [helenvholmes] [The Value of MultiTypeface Design](#)

Text Updates

- Honza
 - WIP Bug 1259819 - Create an HTML replacement for the sidebar tabs widget
 - UPDATE Bug 1266419 - Create an HTML replacement for Toolbars and Toolbar buttons
 - REVIEW Toggle Protocols #58 (WebSocket Monitor)
- Gregtatum

- WIP Bug 1265798 - replace inIDOMUtils.cssPropertyIsShorthand
- Jdescottes
 - devtools-html : Bug 1266450 - migrate event details popup (WIP)
 - devtools-html : Bug 1267401 - migrate xul panel's "arrow" style (r+/f?)
 - devtools-html : Bug 1266448 - migrate markup-view image preview tooltips (r+)
 - inspector : Bug 1275081 - make inplace editor tests more reliable (WIP)
 - inspector : Bug 1202458 - Text nodes should not expand/collapse on selection (WIP)
 - inspector : review for Bug 1270215 - proper case for nodes in all devtools
 - aboutdebugging : review for Bug 1268107 - display error page when using invalid hash
 - aboutdebugging : review for Bug 1273076 - error page improvements
 - aboutdebugging : review for Bug 1266415 - warning message when sw disabled
- Pbro
 - 1239132 - Intermittent browser_markup_dragdrop_reorder.js | Uncaught exception - at :0 - Error: operation not possible on dead CPOW
 - 1270186 - TEST-UNEXPECTED-FAIL | devtools/server/tests/unit/test_animation_type.js and test_getRuleText.js and test_getTextAtLineColumn.js and test_nodelistactor.js
 - 1274964 - Fix remaining eslint errors in devtools/client/inspector
 - 1275029 - output-parser.js refactor to support inline editors and extensions in the rule-view
- Jlongster
 - [Bug 1265854](#) - replace uses of nsIDOMNode constants
 - Basic source tree view in new debugger
 - Working with Jason on basic support for debugging Chrome
- zer0
 - Bug 1268319 - The responsive.html mochitest-dt tests are perma leaking the world on OSX debug e10s
 - Bug 1267278 - RDM's browser_menu_item_02 test leaks browser.xul on e10s
 - Bug 1241867 - Adding a method on platform side to override DPI for mozmm

Date: May 17th, 2016

Calls to Action

Who's running this week's meeting + email? ejpbruel

Who's running next week's meeting + email? helen

Round Table (put your name next)

- [jwalker] Oranges
 - We're kind of bad right now. There's a new "Bad Oranges" tab on the [trage dashboard](#). This list is not sorted - it's just what bugzilla hands out.
 - We're getting new bad oranges at the rate of about 2 per week (mostly test CPOWS)
 - So we should try to fix at least 3 per week for a while
 - (I'm in YVR this week)
 - Bugzilla -> General Prefs -> When viewing a bug, show its corresponding Orange Factor page (<https://bugzilla.mozilla.org/userprefs.cgi?tab=settings>)
- [jryans] ESLint and function spacing
- [pbro] <http://firefox-dev.tools/> got a face lift, and also a new panel that shows contributors of the month

User Visible Changes

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Fun Sized Updates

- [janx] The Janitor is getting close to 100 registered users \o/
 - <https://janitor.technology/data/>
 - Allows hacking on Firefox and DevTools directly from a browser (supports ESLint)
 - I'll give a talk/demo during the All Hands
- Not specifically related, but I wrote a blog post (related-ish to debuggers):
<http://jlongster.com/Whats-in-a-Continuation>

Things I Learned / Weekly Good Reads

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Text Updates

- Honza
 - LANDED Bug 1264671 - Create an HTML replacement for Notification Bar
 - PATCH UPDATE Bug 1266419 - Create an HTML replacement for Toolbars and Toolbar buttons
 - WIP Bug 1259819 - Create an HTML replacement for the sidebar tabs widget
 - Firebug
 - improving migration UI
 - REVIEW Bug 1263945 - Tell the exact number of bytes if below 1Kb
 - DevTools Extensions
 - Fixing compatibility with Nightly (WebSocketMonitor, FireQuery, PixelPerfect, RDPI, etc.)
- Pbro
 - 1264907 - Remove the firstChild "feature" from the breadcrumbs widget
 - 1267015 - Intermittent e10s
browser_styleinspector_tooltip-multiple-background-images.js | Uncaught exception - at :0 - Error: operation not possible on dead CPOW
 - 1260630 - Intermittent e10s browser_computed_refresh-on-style-change_01.js | Uncaught exception - at :0 - Error: operation not possible on dead CPOW
 - 1210671 - Intermittent e10s browser_inspector_initialization.js | Uncaught exception - at :0 - Error: operation not possible on dead CPOW

- tromeey
 - Bug 987069 - encoding bug in Debugger.Script.url; reviews all in, more fixes needed
 - Bug 1265869 - replace Task.jsm; r+; try is bad though
 - Bug 1271709 - eslint-plugin-mozilla .eslintrc is out of date; checkin-needed
 - Bug 1244227 - network throttling; r?
 - Bug 1265808 - replace Services.prefs; r?
 - Bug 1265813 - replace nsIIOService; in progress
 - [Bug 1266826](#) - turn Templater.jsm into a .js; landed
- jryans
 - In Review: [Preserve page state when toggling RDM](#)
 - Fixed: [Start browser element API when swapFrameLoaders moves from XUL to HTML frame](#)
 - Reviewed: [Decouple fronts from actors in animation inspector.](#)
 - Reviewed: [Decouple fronts from actors in inspector.](#)
 - Reviewed: [Decouple fronts from actors in style editor.](#)
 - Reviewed: [replace Task.jsm](#)
 - Reviewed: [turn Templater.jsm into a .js](#)
 - Reviewed: [replace use of nsIXMLHttpRequest](#)
 - Reviewed: [Element preview attribute colors differ from markup view](#)
- helenholmes
 - Bug 1266417 - Add some left padding to the items in the device selector (landed)
 - Bug 1270990 - Dark theme refresh issues, (landed)
 - Bug 1226913 - "Pick an element from the page" is toggle-able. I don't think it should be. r=pbpro << still struggling with try :(
 - **designs:**
 - Bug 908307 - [Meta] Implement new devtools search and filter specs
 - Bug 1272148 - Border Inline Editor
- Gregtatum
 - Bug 1265796 - replace inIDOMUtils.getSubpropertiesForCSSProperty
 - Debugger.html tree view review
 - Landed Bug 1263945 - Tell the exact number of bytes if below 1Kb
 - Landed Bug 1214754 - Element's highlight doesn't go away when I clear the console by Ctrl+L
- Bigben
 - [Bug 1269757](#) - Cleanup panel id and panelId attributes Landing
 - [Bug 1258353](#) - Update the ESLint rule "react/sort-comp" Landing
 - [Bug 1164829](#) - Add a button to stop a Service worker in about:debugging WIP

Date: May 10th, 2016

Calls to Action

Who's running this week's meeting + email? jsnajdr

Who's running next week's meeting + email? ejpbuel

Round Table (put your name next)

- [janx] Hi Benoit!
 - New Devtools intern in Paris
 - Will work on mobile web devtools (device simulation, remote debugging, etc)
- [pbro] London all hands etherpad:
 - <https://public.etherpad-mozilla.org/p/devtools-london-2016>
 - Add ideas for talks/discussions
- [jwalker] 8 [good taipei bugs] we could do with a few more (+1, taipei folks are awesome)
 - Intro to hacking on devtools session in London can you help?
 - https://docs.google.com/spreadsheets/d/1ZsZiCLN_nvEdaw1iTz54_b7I1uzo0Dt4b_wrlgdMD75U/edit#gid=2056224767
- [helenvholmes] Question: do we capitalize panel names when we talk about them externally? E.g., "Style Editor", "Console", "Debugger"?
 - Yes, based on MDN and hacks posts
- [mikeratcliffe] eslint changes
<https://groups.google.com/forum/#!topic/firefox-dev/TzPjbzL955s>

User Visible Changes

- [helenvholmes] Syntax highlighting's changed (dark + light theme):
<http://cl.ly/3I042M310H1A>
- [helenvholmes] updates to dark theme as well: <http://cl.ly/3Q3U3I3i092d>
 - Some known issues: https://bugzilla.mozilla.org/show_bug.cgi?id=1270990
- [bgrins] Focus styles added across the toolbox ([bug 1242851](#)):
<https://dl.dropboxusercontent.com/u/185952/focus-styles.png>
 - This might surface some keyboard accessibility / focus bugs, please report
- [ochameau] Tabs in about:debugging
 - Allows opening a toolbox in a tab easily, and debug it with a regular toolbox!
 - https://bugzilla.mozilla.org/show_bug.cgi?id=1266128

Fun Sized Updates

- [helenvholmes] [I'm curious how you got started using the debugger](#). (Relevant to how we might eventually make console.loggers debugger users)
- [jryans] ESLint 2.9.0 upgrade
- [jlongster] avoid Cu.reportError in client code ([bug 1265775](#))
- [bgrins] Can now use toolbox.win instead of toolbox.doc.defaultView ([Bug 1269497](#))

Things I Learned / Weekly Good Reads

- [bryan] Chrome debugger API is available for extensions by requesting the "debugger" priv <https://developer.chrome.com/extensions/debugger>
- [helenvholmes] (Color Theory) Design Tip: Never Use Black:
<http://ianstormtaylor.com/design-tip-never-use-black/>

Text Updates

- Jen
 - Bug 1270173 - Move protocol.js from devtools/server to devtools/shared [landed]
 - Bug 1271399 - Need to shim protocol.js move for add-ons [in progress]
- Honza
 - PATCH UPDATE [Bug 1264671](#) - Create an HTML replacement for Notification Bar

- PATCH [Bug 1266419](#) - Create an HTML replacement for Toolbars and Toolbar buttons
 - WIP Bug 1259819 - Create an HTML replacement for the sidebar tabs widget
 - Firebug
 - PATCH NS_ERROR_IN_PROGRESS error in netCacheReader.js #8003
 - PATCH Improve multiprocess notification popup #8022
- Pbro
 - New architecture for outputting declarations in the rule-view to support inline-editors, tooltips, etc... and extensions
 - Landed 1069829 - Properties validity shouldn't be checked on the front-end (aka stop using domUtils.cssPropertyIsValid in the client code)
 - 1264907 - Remove the firstChild "feature" from the breadcrumbs widget
- Bgrins
 - Bug 1256846 - Eslint / e10s fix for browser_webconsole_bug_601352_scroll.js;r=tromey
 - Bug 1205330 - Fixup border color for devtool inputs;r=helenvholmes
 - Bug 1269763 - Convert instances of toolbox.frame.contentWindow to toolbox.win;r=jdescottes
 - Bug 1269497 - Add 'visible' support to MenuItem API;r=jdescottes
 - In progress: convert Inspector context menus to use new Menu API (Bug 1266478)
- helenvholmes
 - Bug 1205330 - review / revise the dark theme palette (landed)
 - Bug 1246313 - refresh code mirror colors for better contrast (landed)
 - Bug 1266417 - Add some left padding to the items in the device selector, r=zer0
 - Bug 1270990 - Dark theme refresh issues, r=bgrins
 - Bug 1226913 - "Pick an element from the page" is toggle-able. I don't think it should be.r=pbro
- Gregtatum
 - Bug 1263945 - Tell the exact number of bytes if below 1Kb (in review)
 - Bug 1265798 - replace inIDOMUtils.cssPropertyIsShorthand (working on)
 - Debugger.html - Helped out with testing tree view
- Jdescottes
 - devtools-html-1:
 - - Bug 1259834: HTMLTooltip class (landed)
 - - Bug 1270462: Extract tooltip toggle (landed)
 - - Bug 1266448: migrate markup-view image preview tooltips (WIP)
 - - Bug 1267401: migrate xul panel's "arrow" style (WIP)
 - inspector:
 - - triage still ongoing
 - - Bug 1260419 - show more suggestions in autocomplete popup (landed)
 - - Bug 1181717 - CSS Filter tooltips not shown (landed)
- Tromey
 - Bug 1270203 - move css-angle.js to devtools/client/shared; landed
 - Bug 1270139 - don't use inIDOMUtils.colorToRGBA in devtools; landed
 - Bug 1265808 - replace Services.prefs; written, now writing test
- jryans
 - In Progress: [Preserve page state when toggling RDM](#)
 - Bug 1270320 - Only add sessionHistory to browser element when missing
 - [Torn-off developer tools \(in separate window\) have no indication of which page they're targeting](#)
 - [Can't see what URI I'm inspecting when using separate devtools window](#)
 - [Rename "Disable Cache" option to "Disable HTTP Cache"](#)
 - [Browser element should only add sessionHistory when missing](#)
 - [Upgrade to ESLint 2.9.0 to handle ignore exceptions](#)
 - [\[ESLint\] Remove incorrect globals](#)
- Jlongster

- [Bug 1265775](#) - replace uses of Cu.reportError
- Researching our current 2 tree views and figuring out sources tree view in debugger.html
- Implemented call stacks in debugger.html
- Other various polish

- bgrins
 - Bug 1254025 - Force the CodeMirror editor to always use a textarea. r=jdescottes
 - Fixes CM when custom UAs are applied via addons
 - Bug 1257613 - Add an API to open context menus from an HTML document; r=jdescottes
 - First step for getting away from XUL <menu> creation for context menus
 - <https://dxr.mozilla.org/mozilla-central/source/devtools/client/framework/menu.js>

- Bug 1260283 - helping Lin and Nicolas land first commits of HTML/react webconsole frontend (preffed off)
- Honza
 - PATCH [Bug 1264671](#) - Create an HTML replacement for Notification Bar
 - PATCH Bug 1269445 - ReferenceError: can't access lexical declaration 'TEST_BASE_HTTP' before initialization
 - PATCH Bug 1267998 - Firebug theme: better CSS for memory heap-tree
 - REVIEW Bug 1264700 - [rep tests] Add tests for undefined rep
 - REVIEW Bug 1244268 - JSON Viewer: remove headers tab expand / collapse buttons
 - REVIEW Bug 1263945 - Tell the exact number of bytes if below 1Kb
- Jsnajdr
 - Bug 1134073 - show stack trace of XHR request in netmonitor. WIP patch available.
- Pbro
 - New architecture for outputting declarations in the rule-view to support inline-editors, tooltips, etc... and extensions
 - 1069829 - Properties validity shouldn't be checked on the front-end (aka stop using domUtils.cssPropertyIsValid in the client code)
 - TRIBE training
- TromeY
 - 126787 - replace inIDOMUtils.getCSSLexer - checkin-needed
 - 1268974 - make css-parsing-utils eslint-clean - checkin-needed
 - 1266842 - replace inIDOMUtils.rgbToColorName - landed
 - 1265876 - replace Timer.jsm - backed out for mysterious leak; investigating
 - 1244227 - network throttling - addressed reviews, r?
- Jdescottes
 - devtools html: Bug 1259834 - Create a basic HTML Tooltip API (WIP)
 - inspector: Bug 1260763 - Some in-content preferences panes are not showing (landed + opened workaround)
 - inspector: Bug 1260419 - CSS autocomplete: show more suggestions in autocomplete popup(r+)
 - inspector: Bug 1268466 - Can not add CSS rules in iframe(landed)
 - inspector: Bug 1178462 - Autocomplete popup appears after click on another firefox window triggers auto-fill of property name (landed)
 - aboutdebugging: Bug 1217769 - Cannot go back a page from "about:debugging" page (landed)
- helenholmes
 - Bug 1205330, review / revise the dark theme palette
 - Bug 1246313, refresh code mirror colors for better contrast r+ (want to land with bug 1205330)
 - Bug 1226913, "Pick an element from the page" is toggle-able. I don't think it should be
 - I'll update this later with Invision links (seems like Invision's down) but updates to a few designs: [Console](#) [Inspector](#) [Inline Editors](#)
- jryans
 - Transferring current page state to RDM browser
 - Reviewing many protocol.js changes for :ejpbruel
 - Reviewing touch simulator for new RDM
- gregtatum
 - Debugger.html - debugger button states
 - Continuing work on Track 3 for devtools.html. Researched and started on DOMUtils CSS functionality - Bugs 1265790, 1265796, 1265798
- zer0
 - Bug 1267219 - Anonymous Content doesn't work properly if used on a non-active tab

- Bug 1268319 - The responsive.html mochitest-dt tests are permaleaking the world on OSX debug e10s
 - Bug 1144575 - Investigate how to make the rulers highlighter work on infinite size pages
- Mike
 - Changing stuff from XUL to HTML.
 - Currently fixing an eslint issue (it is currently tier II and needs to be tier I again). It is a taskcluster task and Mossop would be the ideal person but he is incognito at the moment.
- Jlongster
 - Continuing work on the new debugger (implementing basic features like call stack)
 - Removing Cu.reportError in client code:
https://bugzilla.mozilla.org/show_bug.cgi?id=1265775

Tuesday, Apr. 26th, 2016

Calls to Action

Who's running this week's meeting + email? helenholmes

Who's running next week's meeting + email? jimb

Round Table (put your name next)

- Everyone, meet Fang! She's helping us with animation in devtools~
 - (don't need to go over these, but some cool animations she's done:
 - <https://drive.google.com/a/mozilla.com/file/d/0B1V1eo-l8g3dV0NCa3BTv2dTtJA/vjew>
 - <https://drive.google.com/a/mozilla.com/file/d/0B1V1eo-l8g3dSWg5T0Z0Y2VSRkk/view>
 - <https://drive.google.com/a/mozilla.com/file/d/0B1V1eo-l8g3dRzZpUkhNd2Q3bms/view>
 - Welcome! o/ 歡迎
- Joe - Please mark easy-but-not-trivial bugs ~~[good taipei bug]~~ → [good taipei bug]

User Visible Changes

- [bgrins] (not able to attend): 'Increase the number of stored ConsoleEvent objects' ([Bug 1247953](#)). This means if a page logs 1000 messages before the toolbox has been opened, then those 1000 will be displayed. The number used to be 200, which didn't match what the frontend shows
- [Honza] Firebug Theme <https://ctrlv.cz/shots/2016/04/26/22xB.png>
- [Honza] DOM panel <https://ctrlv.cz/shots/2016/04/26/1tuK.png>
- [mike] Improved display of functions in event bubbles (added es6 functions etc.)
- [mike] Storage inspector is now cool but still hidden.
- [mike] Jarda has added a bunch of context menus to do cool stuff in the Storage Inspector.

Fun Sized Updates

- [jryans] Adding component for DOM panel (this is fun!!)
https://bugzilla.mozilla.org/show_bug.cgi?id=1267687
 - I'll add to various spreadsheets, etc. once it's live +1

Things I Learned / Weekly Good Reads

- [clarkbw] <http://chromedevtools.github.io/debugger-protocol-viewer-1.1/>
- [jdescottes] screenshots on treeherder:
https://treeherder.mozilla.org/logviewer.html#?job_id=19895659&repo=try ->
<http://bit.ly/1NPxwzC>

Text Updates

- [bgrins]:
 - catching up on reviews / requests / helping with hacks post and other things
 - Trying to decide whether we should take on a 5% perf regression due to pulling more things into CSS variables:
https://bugzilla.mozilla.org/show_bug.cgi?id=1267323
- [helenholmes]
 - Bug 1262839 - [UX] Absolute position the global toolbar to the top
 - Bug 1246313 - refresh code mirror colors for better contrast, r=bgrins
 - Bug 1205330 - review / revise the dark theme palette, r=bgrins
 - Bug 1226913 - "Pick an element from the page" is toggle-able. I don't think it should be, r=pbro
 - proposal for css color naming:
<https://gist.github.com/helenholmes/7a6f9a503349b388deaedd8fc6cda50c>

- ui-r?s:
 - Bug 1244054 - Implement Firebug theme
 - Bug 1241720 - Modal to promote devices from larger DB
 - ni?s:
 - Bug 1194190, (enable-storage-inspector) [meta] Enable Storage Inspector by default
 - Bug 1175629 - Update "Show DOM Properties" context menu entry to be less confusing
 - Bug 1242851 - [a11y] Ensure keyboard focus has better visibility across toolbox
- [Honza]
 - Bug 1244054 - Implement Firebug theme
 - Bug 1201475 - Implement DOM Panel
 - Bug 1266021 - Firebug theme: Remove bottom border for HTTP details tab
 - Bug 1264312 - DOM panel support for Firebug Theme
 - Bug 1265985 - Create toolbox icons for Firebug theme
 - Extension update: WebSocketMonitor, PixelPerfect, HarExportTrigger, FireQuery
- [gregtatum]
 - Bug 1214754: (To Land) Element's highlight doesn't go away when I clear the console by Ctrl+L
 - Bug 1226898: (In Review) Autoscroll breaks the markup view if the height of the view is less than 100px
 - Bug 1245303: (In Review) JSON Viewer: linkify URLs
 - Bug 1261477: (To Land) Values of long watch expressions are not visible
 - Bug 1263945: (In Review) Tell the exact number of bytes if below 1Kb
- [pbro]
 - 1206345 - Intermittent browser_animation_reconstructState.js | The state retrieved has key previousStartTime
 - 1264063 - Disable noisy eslint rules until they get fixed
 - 1264555 - Remove unused parameter passed to inspector-panel::canAddHTMLChild
 - 1262491 - New node isn't focused when it's added, causing unexpected keyboard behavior
 - Triaged ALL THE BUGS! Few P1s, under control, fair amount of P2s, so I'm now curating a list of top P2s:
https://bugzilla.mozilla.org/show_bug.cgi?id=top-inspector-bugs
 - 1264907 - Remove the firstChild "feature" from the breadcrumbs widget
 - 1069829 - Properties validity shouldn't be checked on the front-end (aka stop using domUtils.cssPropertyIsValid in the client code)
- [zer0]
 - Bug 1262594 - Rebuild screenshot capturing after iframe mozbrowser [landed]
 - Bug 1250084 - The 'Responsive Design View' button from the Menu is not checked while the RDM is opened [landed]
- TromeY
 - Bug 1244227 - network throttling - more testing, addressing review comments
 - Bug 1265840 - remove Services.tm uses for de-chrome project
 - Bug 1265772 - replace Services.console for de-chrome project
 - Bug 1267378 - fix eslint errors in css-color.js
 - Bug 1265876 - replace Timer.jsm for de-chrome project
 - Bug 1266842 - replace rgbToColorName and friends for de-chrome project
- Jlast
 - Add Debugger.html Sources actions unit tests
 - Add Debugger.html debug commands
 - Improve Debugger.html development environment (local server, test runner)

Tuesday, Apr. 19th, 2016

Calls to Action

Who's running this week's meeting + email? eddy

Who's running next week's meeting + email? helenvholmes

Round Table (put your name next)

- [jryans] Triaging bugs for remote devices
- [helenvholmes] should 'has design spec' be a triage flag?
- [mmucci] Reminder of team breakdown review meetings this week.
- [ejpbruel] front/actor separation
 - What kind of dependencies can we use on the client?
 - For instance: protocol.js uses the add-on SDK!

User Visible Changes

- [jdescottes] [Bug 659625](#) : console.clear() available in webconsole

Fun Sized Updates

-

Things I Learned / Weekly Good Reads

- [jryans] Learning about flexbox with Webflow's visual editor
 - <https://www.flexboxgame.com/>
 - More about their tools: <https://flexbox.webflow.com/>
-

Text Updates

- Tromey
 - Bug 1244227 - network throttling - after much debugging found the problem:
 - Bug 126076 - ArrayBufferInputStream has a bug; r+
 - Bug 1241046 - Find inherited entry in modifySelector2; landed
 - Bug 1235603 - Handle invalid authored CSS in rule view; landed
 - Started work on de-chrome-ification project
- gregatum
 - Bug 1259299 - waterfall-breakdown is not displayed
 - Bug 1242628 - Add ability to remove a single snapshot from the list
 - Bug 1263397 - The tree map should zoom at centering around the mouse pointer
 - Started triaging performance bugs for the first time!
 - Started work on de-chrome-ification project
- helenvholmes
 - Some box-model designs: Bug 1128209 - Box model shown with command pick could be less obtrusive and more useful, <https://bug1128209.bmoattachments.org/attachment.cgi?id=8742600>
 - At a conf Thurs/Fri
 - **ni?s:**
 - Bug 1244054 - Implement Firebug theme
 - Bug 1194190 - (enable-storage-inspector) [meta] Enable Storage Inspector by default
 - Update stylelint rules, jlongster/debugger.html#59
- Honza
 - REVIEW Bug 1244268 - JSON Viewer: remove headers tab expand / collapse buttons
 - PATCH UPDATE Bug 1244054 - Implement Firebug theme
 - PATCH UPDATE Bug 1264312 - DOM panel support for Firebug Theme

- REVIEW Bug 1244265 - JSON Viewer: save button does nothing
- PATCH UPDATED Bug 1247064 - JSON Viewer: auto-expand tree view
- REVIEW Bug 1255837 - Expanded text runs to the edge of the window making it hard to read
- ANALYSES Bug 1265685 - Investigation: implement inline editors for tree-table widget
- jdescottes
 - Finished inspector bug triage \o/
 - Bug 659625 - Implement console.clear to clear the console output (landed)
 - Bug 1258114 - Inspector pane too hard to resize (developer tools usability) (landed)
 - Bug 1245776 - Convert devtools/client/inspector/shared/test to use shared-head.js (r+)
 - Bug 1259834 - Come up with a way to open panels from HTML tools in the toolbox (started)
- zer0
 - Bug 1262594 - Rebuild screenshot capturing after iframe mozbrowser [waiting review]
 - Bug 1250084 - The 'Responsive Design View' button from the Menu is not checked while the RDM is opened [addressing review's comment]
 - PTOs

Tuesday, Apr. 12th, 2016

Calls to Action

Who's running this week's meeting + email? ochameau

Who's running next week's meeting + email? eddy

Round Table (put your name next)

- [helenvholmes] Fang, a motion designer from the Taipei office will be helping us out on devtools! Because of timezone differences I'm setting up two meetings next week for people to join and meet her over Vidyo.
- [jwalker] Planning devtools.html
 - Outline plans:
https://docs.google.com/document/d/1_5aerWTN_GVofr6YQVjmlaGfZ4nv5YKZm_dGHewfTpE

User Visible Changes

- [fitzgen] View the individual nodes in a particular census group, and their retaining paths
 - GIF: <https://bug1249788.bmoattachments.org/attachment.cgi?id=8739564>
 - [bug 1249788](#)
- [pbro] [1261781](#) - inspector toolbar button to insert new elements in the DOM
 - GIF: <https://dl.dropboxusercontent.com/u/714210/add-nodes.gif>
 - Question for Helen / Patrick: how does this interact with https://bugzilla.mozilla.org/show_bug.cgi?id=1260225 (aka adding command buttons to the inspector)
 - I added this button partly because it's useful, partly because it's consistent with the rule-view, and partly because I knew we'd be adding more buttons to this toolbar in the future. Adding new command buttons in this toolbar should go nicely with this.
- [Honza] [Bug 1211525](#) - HTTP log inspection in the Console panel
 - Screenshot: <http://snag.gy/Vz7tT.jpg>
- [jdescottes] [Bug 1258902](#) : unregister service workers from about:debugging \o/\o/\o/
 - GIF: <https://bug1258902.bmoattachments.org/attachment.cgi?id=8740454>

Fun Sized Updates

- [bgrins] curly quotes: [bug 1259859](#)
 - [MDN/Localization/Localization content best practices#Use Unicode characters over their ASCII counterparts when possible](#)
 - Add quote exceptions to /browser/base/content/test/general/browser_misused_characters_in_strings.js

Things I Learned / Weekly Good Reads

- [jryans] MS API catalog comparing different browsers:
<https://developer.microsoft.com/en-us/microsoft-edge/platform/catalog/>
- [jryans] Visual Studio Code extension for debugging pages in Firefox
<https://marketplace.visualstudio.com/items?itemName=hbenl.vscode-firefox-debug>
- [bgrins] Front end JavaScript debugging: what's your primary strategy?
<https://twitter.com/brianloveswords/status/717749353914490881>
- [bgrins] Greg's video "Optimizing JavaScript Performance With Firefox Dev Tools"
<https://hacks.mozilla.org/2016/04/optimizing-javascript-performance-with-firefox-dev-tools>
- [jlongster] How do you think JavaScript debuggers could be better?
<https://twitter.com/jlongster/status/718522726491811840>
- [helenvholmes] What do you think is missing from browser inspectors?
<https://twitter.com/helenvholmes/status/718060945386434560>

Text Updates

- [pbro]
 - 1261651 - Various animation inspector tests are going to permafail when Gecko 48 merges to Aurora
 - 1261781 - Add an inspector toolbar button to insert new elements in the DOM
 - see gif: <https://dl.dropboxusercontent.com/u/714210/add-nodes.gif>
 - 1261715 - Intermittent browser_rules_add-rule_05.js | A promise chain failed to handle a rejection
 - 1206345 - Intermittent browser_animation_reconstructState.js | The state retrieved has key previousStartTime
- Honza
 - WIP Bug 1244054 - Implement Firebug theme
 - WIP [Bug 1201475](#) - Implement DOM Panel
 - WebSocket Monitor post:
<http://www.softwareishard.com/blog/planet-mozilla/inspecting-websocket-traffic-with-firefox-developer-tools/>
- [jdescottes]
 - inspector: Bug 1260419 - CSS autocomplete: show more suggestions in autocomplete popup (wip)
 - inspector: Bug 1260053 - Markup view is partially hidden when Inspector switches to vertical mode (landed, uplift requested)
 - inspector: Bug 1245776 - Convert devtools/client/inspector/shared/test to use shared-head.js (r?)
 - fwk: Bug 1262758 - Splitter draggable area is small and difficult to click on (r?)
 - fwk: Bug 1262748 - Splitter can still be dragged when sidebar is collapsed (wip)
 - aboutdebugging: Bug 1153292 - about:debugging should describe if a Service Worker is active/waiting/etc (wip)
 - aboutdebugging: Bug 1258902 - about:debugging doesn't have a way to unregister a service worker (landed)
 - console: Bug 659625 - Implement console.clear to clear the console output (r+)
- Jarda Snajdr [jsnajdr]
 - Landed:
 - bugs 890913, 1260756: Parser.jsm exceptions when debugging files with certain ES6 constructs
 - bugs 1231434, 1262766: Storage inspector features and bugfixes (delete all)
 - bug 1261049: Clear button positioning, toolbar CSS cleanup
 - WIP:
 - bug 1261785: Improve storage inspector mochitests
 - bugs 1060947, 1263906: storage inspector bugfixes
- helenvholmes
 - Inspector mockups (took a while to find colors that passed AA):
https://invis.io/MT6IMFVWU#/117937553_Inspector
 - Onboarding Fang (kinda)
 - Breadcrumbs r fun:
<https://bug1262668.bmoattachments.org/attachment.cgi?id=8740435>
 - Working on a nicer box model in page: <http://cl.ly/370M320h4036>
 - ni?s:
 - Bug 1241714 - Device list that applies settings to the viewport
 - Bug 1262668 - It's difficult to determine new position of splitter below breadcrumbs that look like toolbar
 - Bug 1258902 - about:debugging doesn't have a way to unregister a service worker
 - Bug 1258902 - about:debugging doesn't have a way to unregister a service worker
 - Bug 1164829 - Add a button to stop a Service worker in about:debugging
- gregtatum

- Followups for treemap: 1261162, 1261159
 - User research for Canvas debugging
 - Trying to learn performance tools, and canvas debugger 🤖
 - Working on 1259299 - waterfall-breakdown is not displayed after recordings are cleared and recording performance again
- [zer0]
 - Bug 1252495 - Global Toolbar should be always visible [landed]
 - Bug 1239461 - Screenshot button for taking a screenshot of the current viewport [landed]
 - Bug 1250084 - The 'Responsive Design View' button from the Menu is not checked while the RDM is opened [pushed another patch, issues on win with unit testing]
 - Bug 1262594 - Rebuild screenshot capturing after iframe mozbrowser [wip]
- Tromey
 - Bug 1244227 - network throttling back end
 - Investigated even more approaches, so far no joy
 - Wrapping nsIRequest seems impossible
 - Exposing nsIForcePendingChannel to script didn't work
 - Implementing nsIProgressEventSink and delaying these events didn't help

Tuesday, Apr. 5th, 2016

Calls to Action

Who's running this week's meeting + email? jryans

Who's running next week's meeting + email? ochameau

Round Table (put your name next)

- [pbro] We're doing Inspector Triage meetings now. Weekly on Fridays at 8am Pacific. In the devtools calendar.
- [jlongster] devtools.html as a module
 - <https://github.com/jlongster/ff-devtools-libs>
 - `npm install ff-devtools-libs`
 - <https://github.com/jlongster/debugger-experiment>

User Visible Changes

- [pbro] [1206420](#) - Display animated pseudo-elements in the animation-inspector
 - <https://www.youtube.com/watch?v=Ct1xwHrGlal>
- [pbro] There's a ton of new user visible changes by Mike (cookie/session/localStorage edit mode), perf info in the animation timeline, map/set entries visible in the vview (jsnajdr), moving absolute / relative positioned elements in the page (Matteo).
- [jdescottes] [Bug 1143742](#) multiline editor for CSS values & [1168246](#) - UX - smarter suggestions for CSS properties +++
- [tromey] [Bug 1013219](#) - stepping at end of function
 - Finally! Nice job taking it all the way to the finish line, I know it was difficult to get there
- [alex] [Bug 1233463](#) - about:devtools-toolbox?type=process - browser toolbox in a tab \o/
 - about:devtools-toolbox?type=process&id=1 browser content toolbox
 - about:devtools-toolbox?type=tab&id={outerwindow} tab toolbox in a tab
 - More to come like [1262144](#) and remote support
- [jlast] Cursor does not change when you open a source

Fun Sized Updates

- [jryans] Unhandled promise rejection tracking re-enabled for tests
- [gregdatum] Tree map visualization of memory +++ 🦄

Things I Learned / Weekly Good Reads

- Witness the horror https://bugzilla.mozilla.org/show_bug.cgi?id=987069
- [helenvholmes] Holding down Cmd turns paths into links in iTerm:
<http://cl.ly/2C2q061Y1K3j> -> in regular too
- [jryans] Check out the iTerm beta <https://iterm2.com/version3.html?src=4>

Text Updates

- [bgrins]
 - Bug 1258154 - Open functions in variables view if they were returned from console evaluation. r=jlongster
 - Bug 1239992 - Focus input field if text is not selected in webconsole output; r=linclark
 - Bug 1260071 - Call resize() when searching happens on frontend to reset width; r=vpaporof
 - Bug 1260235 - Only accept ctrl+f in computed and rule view if it happened in the relevant container; r=gl
- [helenvholmes]
 - <http://helenvholmes.com/devtools-ux/toolbar-prototype/>, working on prototyping toolbar changes

- Bug 1246951 - [UX] Pixel snap rotation icon, WIP
- Tried to mock up what a "This Week in Devtools" mailer might look like (i.e., done v. quick, pls don't take this 2 srsly):
<http://us13.campaign-archive2.com/?u=577e6f0e546325093940f83e3&id=09386c3e31&e=>
- Lol:
 - "Fox Wearing Skullmask": <http://cl.ly/043s2K0f1t19>
 - "Deathtools" (still to be vectorized): <http://cl.ly/0o3l1Q2i2K0V>
- [jdescottes]
 - inspector: Bug 1143742 - Please use a multiline editor to edit long CSS values (landed)
 - inspector: Bug 1168246 - UX - smarter suggestions for CSS properties in style editor and inspector (landed)
 - inspector: Bug 1260053 - Markup view is partially hidden when Inspector switches to vertical mode (r?vpoporof)
 - inspector: Bug 1261827 - Text inputs for editing left and right padding/border/margin in the box-model tab are too big (landed)
 - inspector: Bug 1245776 - Convert devtools/client/inspector/shared/test to use shared-head.js (wip)
 - fwk: Bug 1260359 - [e10s] Detached devtools window title is not updated when navigating (landed) + Bug 1261687
 - aboutdebugging: Bug 1153292 - about:debugging should describe if a Service Worker is active/waiting/etc (wip)
 - aboutdebugging: Bug 1258902 - about:debugging doesn't have a way to unregister a service worker (wip/r+/getting there)
 - console: Bug 659625 - Implement console.clear to clear the console output (wip)
- [pbro]
 - 1260680 - AnimationPlayerActor.getProperties returns too much information
 - 1261781 - Add an inspector toolbar button to insert new elements in the DOM
 - 1206420 - Display animation pseudo elements in the animation-inspector
- TromeY
 - 1013219 - re-landed last stepping bug fix and it finally stuck
 - 1244227 - network throttling - Honza found a bug and investigation so far shows that, most likely, we'll need a completely different approach to download throttling
 - Some patch reviews
- Mike
 - Storage Inspector finally in a good state... DOM cache and IndexedDB are currently not editable.
 - This week I will enable the Storage Inspector by default.
 - This quarter I plan on reactifying it so wondering whether to use Honza's TableWidget or the Memory Tool's TableWidget.
- Honza
 - WIP Bug 1244054 - Implement Firebug theme
- [zer0]
 - Bug 1139187 - Allow moving and resizing elements in content [landed]
 - Bug 1239461 - Screenshot button for taking a screenshot of the current viewport [got r+]
 - Bug 1250084 - The 'Responsive Design View' button from the Menu is not checked while the RDM is opened [got first round of review, applying comments]
 - Bug 1258718 - Simplify highlighters.css adding CSS variables [got r+, applying review comments]
 - Bug 1252495 - Global Toolbar should be always visible [2nd round review]

Tuesday, Mar. 29th, 2016

Calls to Action

Who's running this week's meeting + email? Julian

Who's running next week's meeting + email? jryans

Round Table (put your name next)

- [bgrins]: Take a look at https://bugzilla.mozilla.org/show_bug.cgi?id=1260225 if you have opinions about 'command buttons' and if/how we make them tool-specific
- Should this wiki page be updated to point to this doc or are we not keeping these meetings public anymore? https://wiki.mozilla.org/DevTools#Weekly_Meetings
 - Include link to video call and new meeting doc in the wiki page
 - We can use: <http://j.mp/devtools-meeting>
- [gl] Visualizing our bug triage/priority experiment looks cool
 - Demo: <https://waffle.io/gabrielluong/devtools-rules-inspector-bugzilla-mirror>
 - Script: <https://github.com/gabrielluong/devtools-rules-inspector-bugzilla-mirror>
- [janx] What's next for about:debugging?
 - We shipped Service Worker & Push tools, but they can be improved.
 - Remote debugging!
 - Roadmap:
https://docs.google.com/a/mozilla.com/document/d/1_p-ynIWqRf1swHNrsJiY2abqsgGJRgF9KOTCPj9_Zws/edit?usp=sharing (please comment)
- [clarkbw] Hacks Post for about:debugging
 - Seeing a significant bump in about:debugging usage after Hacks Post. \o/
<https://clarkbw.github.io/devtools-metrics/about-debugging.html>

User Visible Changes

- [bgrins] Shift+enter and ctrl+(shift)+g are now supported by the Inspector search box for navigation. Both done by new contributor Steve Melia (Bugs 1259060 and 1256658)
- [bgrins] Bug 1251256 - Replace clear icon with trash can
- [helenvholmes] Bug 1

225184 - Update Command Button Icons (SVG)—part of making the toolbar design/panel management better in the future

- [jlast] "add conditional breakpoint" should become "edit conditional breakpoint" if one already exists
- [jlast] [Bug 1233927](#) - Switching between large JS files in debugger s faster now!
- [pbro] shift-click angles in the rule to change units (bug 1250835)
 - How to surface these types of things? ideas:
 - Tooltips?
 - 'Tip of the day' on a devtools website?
 - Keyboard shortcuts visible in toolbox (bug 1122699)
 - Collect these things in a single place on MDN

Fun Sized Updates

- [bgrins] Nasty intermittent in webconsole having to do with safe browsing request coming in place of an expected net request was tackled by Sami Jaktholm ([bug 1239920](#))

Things I Learned / Weekly Good Reads

- [bgrins] dashboard for regressions on Dev Edition (all regressions, not just devtools-related) <http://mozilla.github.io/releasehealth/?channel=aurora>
- mach try:
 - `./mach try devtools/client/webconsole/test -p linux,linux64,macosx64,win32``
 - Filed bug 1258525 which was promptly fixed (running same tests in 8 chunks)

- --set-pref for mochitest - ./mach mochitest my_test.html --setpref devtools.selfxss.count=10 --setpref devtools.debugger.workers=true
- [zer0] you can add as dependency in bugzilla a bug you don't have access, but then you can't remove it anymore. As nice touch, there was a bug with alias "bug" that mostly no one had access.

Text Updates

- bgrins
 - Bug 1259603 - Have a WIP patch that enables console.log support inside of worker toolbox (plus object inspection)
 - Webconsole e10s test fixes (Bug 1237124, Bug 1243991, Bug 1243993, Bug 1239920)
 - Updating planning document for devtools.html: https://docs.google.com/document/d/1_5aerWTN_GVofr6YQVjmlaGfZ4nv5YKZm_dGHewfTpE/edit#
- fitzgen
 - [Bug 1211723](#) - share ScriptSource between JSRuntimes via parentRuntime
 - Should finally be landing today!
 - [Bug 1249788](#) - Ability to view retaining paths of nodes in census category
 - And its blockers
- Jdescottes
 - fwk: [bug 1260359](#) - [e10s] Detached devtools window title is not updated when navigating (r?)
 - console: [bug 659625](#) - Implement console.clear to clear the console output (wip)
 - inspector: [bug 1168246](#) - UX - smarter suggestions for CSS properties in style editor and inspector (r+)
 - Inspector: [bug 1143742](#) - Please use a multiline editor to edit long CSS values (issues with tests on osx + try)
 - aboutdebugging: [bug 1153292](#) - about:debugging should describe if a Service Worker is active/waiting/etc (wip)
- jryans
 - In Review: [Bug 1242644](#) - swapFrameLoaders for <iframe mozbrowser>
 - In Progress: [Bug 1240896](#) - Switch to iframe mozbrowser for RDM
- helenvholmes
 - **Bugs:**
 - Bug 1225184 - Update Command Button Icons (SVG), r=bgrins
 - **ni?s:**
 - Bug 1258682 - TableWidget rows should be selected on click event, not mousedown
 - Bug 1258963 - Buttons to go to the previous and next search results in the inspector
 - Bug 1259390 - Searching inline text inside a node may cause confusion (no way to distinguish text node from parent node)
 - Bug 1259559 - Units cycling with shift+click should persists and change the value in Style editor
 - **Designs:**
 - Debugger designs: <https://invis.io/FD52D1KXl> (need to update some stuff re: workers)
 - **Reviews:**
 - Bug 1220208 - Move clear button to top left corner in toolbars
 - Bug 1252925 - Unfocused text color in light theme has very low contrast
- Honza
 - DONE Bug 1211525 - HTTP log inspection in the Console panel
 - WIP Bug 1201475 - Implement DOM Panel
 - WIP Bug 1244054 - Implement Firebug theme
 - RELEASE Firebug 2.0.15 (fixing compatibility with Firefox Nightly)
- gregatum

- Bug 1238695 - Done with integration, working on getting tests to pass.
- Jlongster
 - [Bug 1260042](#) - Sources are blank if Auto Prettify Minified Sources enabled
 - [Bug 1258807](#) - Conditional breakpoint is gone
 - Bug 1248303 - Pause on Exceptions does not pause after reopening devtools (uplifted to beta)
 - Working on other small fixes
 - Experimenting with React-based UI structure
- Tromeu
 - PTO
 - Re-landing bug 1013219; last stepping bug; could not reproduce the failures after many tries
 - Minor fixes for ScriptSource encoding; bug 987069
- Ejpbruel
 - We can now use DOM promises in the worker debugger
- pbro
 - 1206420 - Display animation pseudo elements in the animation-inspector
 - 1258333 - browser_animation_timeline_rate_selector.js has unhandled promise rejections
 - 1253935 - Frequent Windows debug e10s browser_styleeditor_fetch-from-cache.js
- Jlast
 - DONE Bug 1258821 - Cannot open the expression panel of conditional breakpoint.
- zer0
 - [Bug 1139187](#) - Allow moving and resizing elements in content (fixed bugs, updated unit test, waiting for review)
 - [Bug 1239461](#) - Screenshot button for taking a screenshot of the current viewport (working on patch & unit test)

Tuesday, Mar. 22th, 2016

Calls to Action

Who's running this week's meeting + email? H to the E to the L to the E to the N~~~

Who's running next week's meeting + email? Julian~~~

Triage dashboard (don't remove):

https://docs.google.com/spreadsheets/d/1ZsZiCLN_nvEdaw1iTz54_b7I1uzo0Dt4bwrIgdMD75U/e_dit#gid=45619545

Round Table (put your name next)

- **gl:** Project Page for DevTools
 - Focus on showcasing our tools, team and how to contribute
 - WIP List of Docs we have <https://public.etherpad-mozilla.org/p/devtools-doc-list> that needs to be consolidated
 - Setting up a Meeting for further discussion - L
- **linclark:** Do we want to use minified or un-minified libs in prod?
 - https://bugzilla.mozilla.org/show_bug.cgi?id=1253784
- **helenvholmes:** release note tracking/helping out devrel
 - Proposal: meeting leader would paste user visible changes to <https://public.etherpad-mozilla.org/p/devedition-48>
 - Changes that are coming down the pipeline
 - The rationale for those changes
 - The future plan, e.g., what our story is/initiative for these changes (what larger story are we trying to accomplish)
- **helenvholmes:** takeaways from the Visual Tools week
 - Bug 712329
 - <https://gist.github.com/helenvholmes/3f8529ef93ed309304d0>
 - [pbro] I might quickly talk about this too
<https://drive.google.com/drive/folders/0BxcRLq8XcRVYSUVWTTdjcERKVU0>
- **jlast:** project workflow improvements
 - I wrote a quick blog post with some productivity hacks for building firefox and managing feature branches
<http://jasonlaster.github.io/devtools/js/2016/03/22/workflow.html> nice!+1
 - Cool! I would add a reference to artifact builds too:
https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/Build_Instructions/Artifact_builds
- ~~jwalker:~~ To finish off the P1 discussion Didn't get to this

User Visible Changes

- **gl:** Landed Bug 1254786 - Add a line outlining the parent-child relationship in the markup view
 - Screenshot <https://bug1254786.bmoattachments.org/attachment.cgi?id=8731373>
 - Landed Bug 1256422 - Move the breadcrumbs into a bottom toolbar
- **jlongster:** I hosted technical stuff here for now: <http://mozilla.github.io/devtools-docs/>
 - lets write docs! but eventually I'll work with Gabriel to figure out how to merge
- **ejpbriel:** Disable cache now works with worker debugging
- **pbro:** endDelay and startIteration are making their ways into the animationinspector (not landed yet); those are 2 new timing properties useful for script-generated animations

Things I Learned / Weekly Good Reads

- **jryans:** Chrome updated their Device Mode:
<https://developers.google.com/web/updates/2016/03/device-mode-v2?hl=en>

- I love it! (Fun fact: Their chrome://inspect links became buttons on right like in about:debugging)
- **linclark**: skip to half way through: Caitie McCaffrey on Sagas: <http://paperswelove.org/2016/video/caitie-mccaffrey-sagas/>

Text Updates

- **Fitzgen**
 - Working on sharing JS script source text across JSRuntimes to save huge amounts of memory (1GB in a Real World test case!!) when using multiple workers
 - Taking longer than I thought it would, though
 - Doing preliminary work for viewing shortest paths of individual nodes in a census group (https://bugzilla.mozilla.org/show_bug.cgi?id=1249788)
- **Bgrins**
 - Doing some planning / prototyping for context menus in html (bug 1257613)
 - Filed Bug 1258525 - ./mach try with a devtools path ends up running the same tests in all 8 chunks
 - Bug 1243961 - Enable browser_bug664688_sandbox_update_after_navigation.js in e10s. r=linclark
 - Bug 1243955 - Enable browser_bug_871156_ctrlw_close_tab.js in e10s;r=me
- **jlongster**
 - Bug 1177329 - Devtools show no stack trace at all if any frame can't be sourcemapped
 - Bug 1257322 - Flesh out initial devtools/doc structure and add SUMMARY.md
 - Bug 1255630 - Add an experimental badge to wasm sources in the sources list
 - Bug 1248303 - Pause on Exceptions does not pause after reopening devtools
 - Bug 1245030 - The new pause indicator hides breakpoints
- **helenvholmes**
 - Console filtering: <https://invis.io/MT6IMFVWU>
 - Inline color editor: <https://invis.io/YW6HO4XGR>
- **pbro**
 - Visual Tools work week
 - 1255787 - "Rules" tab is empty when inspecting elements on <https://davidwalsh.name/>
 - 1252345 - Re-enable browser_markup_copy_image_data.js and browser_markup_image_tooltip.js on OSX now that CPOWs have been removed from markup-view tests
 - 1253817 - Intermittent browser_markup_html_edit_03.js
 - 1258333 - browser_animation_timeline_rate_selector.js has unhandled promise rejections
- **Honza**
 - WIP Bug 1211525 - HTTP log inspection in the Console panel
 - WIP PATCH Bug 1201475 - Implement DOM Panel
 - REVIEW Bug 1244227 - add back end network speed throttling
 - LANDED Bug 1256757 - JSON Viewer: use shared tree component
 - LANDED Bug 1256690 - [DevTools][Net Monitor] requests-menu-empty-notice does not display after pushing the clear button
 - LANDED WIP Bug 1257173 - JSON Viewer: fix eslint warnings
 - PATCH Bug 1255975 - tree-view.css uses firebug images and as wrong reference to theme-light.css
- **jryans**
 - Experimented with single Firefox Browser Toolbox (bug 1246715)
 - Working on using iframe mozilla browser in RDM
- **gregtatum**
 - Orientation fun last week in Mountain View
 - Bug 1238695: Still working on wrapping up Tree Map feature in memory tool
- **victor**

- Bug 1258661 - Make the `fields` property in the markers blueprint consistent, r=jsantell
- Bug 1258645 - Split marker-utils.js into two modules (one DOM-only and one blueprint-only) and cleanup code rot, r=jsantell
- Bug 1258416 - Cleanup marker.js and marker-formatters.js by adding missing l10n strings, removing dead code and updating comments, r=jsantell
- Bug 1258371 - Cleanup performance/modules/io.js to pass eslint and switch to using DOM promises, r=jsantell
- Bug 1258309 - Pull ViewHelpers.Prefs into its own module, r=jsantell
- Bug 1258305 - Pull ViewHelpers.L10N, MultiL10N into their own module, r=jsantell
- Bug 1258302 - Create a categories module instead of placing everything in global.js, r=jsantell
- Bug 1177822 - The button "Start Recording Performance" is misplaced after some actions (always reproducible), r=jsantell
- Bug 1258197 - Recordings list empty label text has a different background color than its parent container, r=jsantell
- Bug 1251291 - Tool notices (Take snapshot and Start Recording Performance) should use var(--theme-body-background), r=jsantell
- Bug 1232289 - Deep tree of call stacks ends up with hidden overflow to right of toolbox, can't see the function names, r=jsantell
- Bug 1251138 - Dev Tools Performance Settings Popup button not visible on reduced size browser, r=jsantell
- Bug 1252100 - Imported profiles may have too long filename as the display label so sidebar is very huge, r=jsantell
- Bug 1245886 - Manually stop the profiler module at the end of all tests, r=me
- Bug 1245886 - Force GC at the end of all tests, r=me
- Bug 1245886 - Refactor performance tests, r=jsantell
- **zero**
 - Visual Tools work week
 - Bug 1239464 - Close button for exiting the responsive design view [fixing icons in command toolbar]
 - Bug 1026614 - SDK ui/toolbar not working in permanent private browsing [landed, + unit test]
 - SDK reviews
 - SDK bugs investigation (in order to fix / close them)
 - Bug 1210208 - Intermittent browser_cmd_highlight_01.js | This test exceeded the timeout threshold. (waiting for review)
 - Bug 1139187 - Allow moving and resizing elements in content (patch, unit test, fixing intermittent, got r+, addressing review comments)
 - Bug 1239461 - Screenshot button for taking a screenshot of the current viewport (discussed approaches during VTWW, patch ready)

Tuesday, Mar. 15th, 2016

Calls to Action

Who's running this week's meeting + email? JASON LASTER! (and lin and jen for backup)

Who's running next week's meeting + email?

Round Table (put your name next)

- **[jen]** WELCOME JASON!
- **[bgrins]** Do we want to make copying meeting notes into the archive doc part of the meeting leader duties?
- <https://docs.google.com/document/d/1jWR13lrlKxLKCxYmtH5uS38IPAHFruWN75VVASvt87E/edit#heading=h.i6wgxf3njqax>
- New etherpad install doesn't let us save revisions AFAICT so wondering if it's worth keeping these around
- Why don't we email the meeting notes to the public mailing list? I've seen other teams/projects do this, seems to work well and lets people casually know what we are up to without having to attend themselves. Increased transparency and open-ness and all that good stuff. This would also serve as an archive for the notes.
- Sometimes I've put things in text updates like 'going to be out of town' that I wouldn't advertise as widely.. but if I knew it was going to be posted I would stop doing that
- **[ejpbruel]** I wrote a rough first draft for a blog post on debugging memory leaks with rr.
 - Followup on our discussion of debugging intermittents
 - If you want to help out, please help me review it:
<https://medium.com/@ejpbruel/45d86094a319>
- We'll be hosting a series of discussions on the design of the debugger over the course of Q2
- Goals:
 - Revisit design decisions to see if they still make sense
 - Put more thought into edge cases
 - Document design decisions so we don't keep having the same discussions
 - End result should be a comprehensive design document
 - Main discussion will be over mailing list
 - Decision by consensus (but see caveat below)
 - To facilitate quick decisions, if no consensus can be reached, Jim, James and me will have final say
 - Final decisions will be made during weekly meeting
 - See e-mail on source maps by jlongster on dev-developer-tools
- **[linclark]** How does P1 work? Does it only include crashers, embarrassing stuff, etc? Or does it also include anything that we're actively working on?

Text Updates

- **bgrins**
 - Bug 1243958 - e10s fixes for
browser_webconsole_bug_588342_document_focus.js;r=linclark
 - Bug 1253886 - Re-add reference to common.css from the eyedropper
frame;r=pbrosset
 - Bug 1214439 - requestLongerTimeout for browser_dbg_split-console-keypress.js
due to linux e10s timeouts;r=me

Tuesday, Mar. 8th, 2016

Calls to Action

Who's running this week's meeting + email? Lin

Who's running next week's meeting + email? Mar. 14th JASON LASTER! (and lin and jen for backup)

Triage: How are we doing?

https://docs.google.com/spreadsheets/d/1ZsZiCLN_nvEdaw1iTz54_b7I1uzo0Dt4bwrIgdMD75U

- [jwalker] Custom Sheets
- for intermittents I use this query :
https://bugzilla.mozilla.org/buglist.cgi?keywords=intermittent-failure%2C%20&keywords_type=allwords&resolution=---&query_format=advanced&bug_status=UNCONFIRMED&bug_status=NEW&bug_status=ASSIGNED&bug_status=REOPENED&component=Developer%20Tools&product=Firefox&known_name=devtools%20intermittent&list_id=12896519

Round Table (put your name next)

- [jryans] Telemetry and sadness
- https://bugzilla.mozilla.org/show_bug.cgi?id=1253125
- [jryans] Unhandled promise rejections update
- https://docs.google.com/spreadsheets/d/1ZKXW9HqnxjNdeFVG7s33_TGSV94PdUjCsQsZe1GGqjY/edit#gid=0
- [pbro] Code review checklist <https://public.etherpad-mozilla.org/p/devtools-code-reviews>
- There are many links in there for contributors, please help make sure the documentation at these links is correct/sufficient
- [jwalker] Scrum / responsive design - Reflection
- [linclark] How do we debug intermittents
- For timeouts: remember the mochitest timeout is 45 seconds + check logs
- Sometimes running the test in a separate VM + --run-until-failure + --repeat 1000 can reproduce locally
- [janx] We're shipping about:debugging / Service Worker / Push devtools in tomorrow's DevEdition 47 \o/ \m/ +1
- Sole wrote a Hacks post with a very cool screencast
- Chris Mills and Will Bamberg are working on documentation for these tools as well as SW tutorials
- [jwalker] Getting FireBug patches in
- [Jeff] USERVOICE --
- => <https://groups.google.com/forum/#!forum/mozilla.dev.developer-tools>

User Visible Changes

- [janx] New "Push" and "Start" buttons for Service Workers in about:debugging, and a menu entry Tools > Web Developer > Service Workers
- Bugs: 1209699, 1239705, 1212797, 1239317

Fun Size Updates

- [bgrins] DAMP
- in e10s vs non-e10s: <https://treeherder.allizom.org/perf.html#/e10s>
- two new debugger probes incoming (once I can figure out how to sign the addon in dev):
https://bugzilla.mozilla.org/show_bug.cgi?id=1154874#c40

Things I Learned / Weekly Good Reads

- [jryans] Shortcuts in MozReview

- <https://www.reviewboard.org/docs/manual/2.5/users/reviews/reviewing-diffs/#keyboard-shortcuts>
- [fitzgen] "Cache Oblivious Data Structures and Algorithms" by Erik D. Demaine
- I'm presenting this paper to the MozPDX Journal Club later today
- The paper: <http://erikdemaine.org/papers/BRICS2002/paper.pdf>
- My presentation slides: <https://dl.dropboxusercontent.com/u/413030/cache-oblivious-algorithms-and-data-structures.pdf>
- Fun fact: Erik D. Demaine invented the discipline of, and wrote a book on, "computational origami"
- Half the team is in Toronto next week. Have fun.+1\o/

Text Updates

- [jsantell]
- progress on source maps in console
- Use React frame component to render sources in webconsole, r?: https://bugzilla.mozilla.org/show_bug.cgi?id=1251033
- Orchestrate/track sources being updated (via source map), r?: https://bugzilla.mozilla.org/show_bug.cgi?id=1177279
- jryans
- Bug 1238160 - <iframe mozbrowser> now available for desktop Firefox
- Bug 1253781 - Tell React components are pure for better perf
- Bug 1245121 - Enable JSON Viewer on Nightly
- Reviewing many things for visual tools and elsewhere
- fitzgen
- SavedFrame stacks crasher involving async stacks
- timeline markers + nursery collection dead lock
- Promises-in-SpiderMonkey blocked on Debugger API bug
- Share source text across JSRuntimes for big memory savings
- Honza
- PATCH Bug 1252807 - Fix eslint warnings in the Net panel
- REVIEW Bug 1134073 - Show cause of a network request in netmonitor
- REVIEW Bug 1244725 - DevTools: Show text of a HTTP response for video live streaming content types
- RELEASE RDP Inspector 1.2.2
- RELEASE WebSocket Monitor 0.5.3
- WIP Bug 1211525 - HTTP log inspection in the Console panel
- WIP Bug 1247065 - Implement Tree Component
- WIP Bug 1201475 - Implement DOM Panel
- tromey
- Bug 1244227 - network throttling back end; r?
- Some patch review
- Bug 1254297 - gdb JIT unwinder; various updates, writing test, filed some follow-ups
- gregtatum
- Bug 1242958 - The cursor type is not I-beam when the mouse pointer is over the heap-view
- Bug 1252971 - Memory panel docs update
- WIP - Bug 1238695 - Render census data as a treemap
- Rendering census data is done
- Integrating with the devtools is done
- Currently working on testing and code review

- pbro
 - 1252803 - Fix all ESLint errors in devtools/server/ and un-ignore this directory
 - 1252099 - Stop using CPOWs in markup-view mochitests
 - 1245383 - Intermittent e10s browser_scratchpad_execute_print.js | uncaught exception - Error: unsafe CPOW usage forbidden at :0
 - 1246088 - Element picker breaks after I try to pick an element in Youtube HTML5 embed object
 - 1253935 - Frequent Windows debug e10s browser_styleeditor_fetch-from-cache.js
 - Spent some time updating our wiki for easier contributions
 - Worked on a code review check list with Julian
 - 1239047 - Drag and drop in Inspector doesn't work for comment nodes
-
- zer0
 - **Bug 1239464** - Close button for exiting the responsive design view [landed]
 - **Bug 1239461** - Screenshot button for taking a screenshot of the current viewport [wip]
 - **Bug 1139187** - Allow moving and resizing elements in content [wip]
-
- jdescottes
 - inspector
 - [r?] Bug 1143742 - Please use a multiline editor to edit long CSS values
 - [r?] Bug 916582 - Should not display autocompletion suggestions in a style attribute in markup view after the closing quotes
 - [wip] Bug 1254070 - markup-view: style attribute autocomplete works only when caret is at the end of the input
 - [wip] Bug 1250058 - docShell leak on e10s debug when using `getTestActorWithoutToolbox`
 - [landed] Bug 1230325 - Ctrl+S doesn't save the page if a node in markup-view is focused. It scrolls the element into view instead
 - [landed] Bug 1251755 - Cannot see pseudo lock in markup view if element is selected
 - aboutdebugging
 - [wip] Bug 1248553 - about:debugging#addons should automatically enable addons debugging
 - memory
 - [landed] Bug 1253881 - [DevTools][Memory] Cannot delete diff heap-view using delete snapshot (clear) button

Tuesday, Feb. 16th, 2016

Calls to Action

Who's running this week's meeting + email? Jordan

Who's running Feb 23rd meeting + email?

Round Table (put your name next)

- [pbro] Contributor Nicolas Chevobbe: <http://codepen.io/nchevobbe/full/yebMxM/> (you can put your email in the pen to see your timeline!) this is awesome great, and the blog posts linked are nice too nice
- [jdescottes] 1239615 Scroll issues on Mac OSX should be fixed+1\o\o/
- [jwalker] Team meetings (regular weekly meetings)
 - Main devtools meeting (this one)
 - Visual Tools has daily standups (10:30 AM EST, except Tues. then 10 AM EST for 1hr)
 - React shared components (weekly, Thursday 12:30pm EST)
- [bgrins] mozscreenshots
 - https://treeherder.mozilla.org/#/jobs?repo=try&revision=dc5a8fa40cf5&filter-tier=1&filter-tier=2&filter-tier=3&exclusion_profile=false&selectedjob=16508756
 - try: -b o -p linux,linux64,macosx64,win32,win64 -u mochitest-browser-screenshots[Ubuntu,10.6,10.10,Windows XP,Windows 7,Windows 8] -t none --setenv MOZSCREENSHOTS_SETS=DevTools
 - <http://screenshots.matttn.ca/compare/?oldProject=try&oldRev=dc5a8fa40cf5&newProject=try&newRev=288bdb0dd9b4>
 - http://screenshots.matttn.ca/comparisons/try/dc5a8fa40cf5/try/288bdb0dd9b4/osx-10-10/6_jsdebugger.png
- [jwalker]: Q1 Goals
 - Goals:
<https://docs.google.com/document/d/1Ub7ltZtncUcd8epcl4Ed3np-WVbX6O70Ef4mtsx9V2c/edit>

User Visible Changes

- bgrins: bug 1245947 thinner tabs by default:
<https://www.dropbox.com/s/35j8ig47ospbwbl/Screenshot%202016-02-16%2008.59.59.png?dl=0>

Fun Size Updates

- [jryans] Pushing to MozReview from Git actually enabled now
 - Works great, give it a try if you use Git:
<https://mozilla-version-control-tools.readthedocs.org/en/latest/mozreview/install-git.html>
 - (Have to be using git-cinnabar in your repo, you should also try that too if you haven't!)
 - I made this to help set it up, install/workflows
<https://github.com/jsantell/git-cinnabar-bootstrap>

Things I Learned / Weekly Good Reads

- <https://developers.google.com/web/updates/2016/02/devtools-digest-devtools-go-dark>
- [pbro] don't update to eslint 2.0.0
- [linclark] Simple Made Easy: <http://www.infoq.com/presentations/Simple-Made-Easy>
- definitely watch it! (jryans)

If we get time...

- Triage
<https://docs.google.com/document/d/1Bly5YBGWjIDwqmnG4-P1-nTGmA-IMkLPmAQhqVUZ-pA/edit>
- UNCONFIRMED bugs (402): <http://mzl.la/1POYQ1I>
- NEW bugs (4295): <http://mzl.la/1KnLk8v>
- ASSIGNED bugs (192): <http://mzl.la/1Vkff1U>

Text Updates

- bgrins
 - Bug 1245947 - Make devtools tabs smaller by default;r=gl
 - Bug 1246849 - Include all default tools in devtools mozsscreenshot runs;r=MattN
 - Bug 1246847 - Give extra timeout for mozsscreenshots in between devtools docking mode changes;r=MattN
 - Bug 1246843 - Add a default page for mozsscreenshots mochitest;r=MattN
 - Bug 1243963 - e10s fixes for browser_console_error_source_click.js;r=linclark
 - Bug 1243983 - e10s fixes for browser_console_iframe_messages.js;r=linclark
 - Bug 1243995 - e10s fixes for browser_console_optimized_out_vars.js;r=linclark
 - Bug 1243977 - e10s fixes for browser_console_variables_view.js;r=linclark
 - Bug 1243968 - e10s fixes for browser_console_variables_view_while_debugging.js;r=linclark
 - Bug 1243962 - e10s fixes for browser_console_variables_view_while_debugging_and_inspecting.js;r=linclark
 - Bug 1243959 - e10s fixes for browser_webconsole_autocomplete_in_debugger_stackframe.js;r=linclark
- fitzgen
 - so many life sucking phone screens :(
 - working on shortest paths from GC roots in memory tool
- pbro
 - 1244120 - Re-enable the browser_rules_content_02.js with e10s - Still leaking on e10s windows debug. Trying to find the root cause.
 - 1246677 - Stop using CPOWs in rule-view mochitests - R+ mostly
 - 1247263 - Unhandled promise rejections in rule view tests (round 2) - R+
 - 1247186 - Change the max-len rule in devtools/.eslintrc - R+
 - 1248360 - Many eslint failures in devtools with eslint 2.0.0 - R+
- helenvholmes
- **Reviews:**
 - Bug 1241326, Resize handles to change viewport size on drag
 - Bug 1239441, Landscape / Portrait button that rotates the viewport
- **Bugs:**
 - Bug 1174395, Convert command button icons to SVG (WIP)
 - Bug 1242709, Refresh light theme, r=bgrins
 - Bug 1205330, Review / revise the dark theme palette
- Designs:
 - Working on Service Worker stuff with Eddy:
https://public.etherpad-mozilla.org/p/Sources_and_Workers,
<https://invis.io/FD52D1KXJ>

- Worked some with Honza + Victor on tree views: <https://invis.io/285YX9GVM>
 - Will be working on Memory UX with Nick + Jordan this week
- Filed:
 - Bug 1241326,
 - Bug 1247734, Selected element with command-pick dimensions can cause confusion
 - Bug 1247729, Let's move the box model panel into the computed styles panel.
 - Bug 1247723, Disable the Font Panel
- jdescottes
 - - about:debugging :
 - - full react refactor : review of second part ongoing, should land soon (1245029)
 - - wip : map enable addons debugging to remote-debugging pref (1227137)
 - - opened : follow-up to previous bug (1227137) to implement a nicer/transparent solution (1248553)
 - - inspector :
 - - wip : collapse inspector side/bottom panel (1189492)
 - - landed : find unit when incrementing from 0 to 1 (1166956)
 - - memory tool :
 - - landed : keyboard navigation between snapshots (1243131)
 - - landed : keyboard navigation left arrow bug fix (1246570)
 - - misc :
 - - landed : prevent remote debug failure due to missing mdn command (1247629)
 - - intermittent tests :
 - - r? : split of browser_rules_add-rule_01.js (1237885)
 - - r+ : split of browser_projecteditor_rename_file.js (1241732)
 - - landed : race cond. fix for browser_animation_timeline_pause_button.js (1224877)
- tromey
 - **Bug 1246555** - Browser hangs after clicking on a specific record in Waterfall; investigated, wrote simple patch
 - Bug 1069183 - FirefoxDevTools : big CSS lines in style editor make Firefox crash; investigated, wrote patch
 - <https://github.com/mozilla/valence/pull/208>; reviewed
 - Bug 1239504 - PseudoStack leak in beta; landed. Seems to have been an ASan bug
 - Bug 1232712 - add gdb unwinder to js/src/gdb/; updated for changes to JIT frame layout
 - tried to use this in anger for bug 1069183, which worked ok-ish but also revealed some bugs in the unwinder
 - Bug 1244227 - network speed throttling; a bit more work
 - still trying to get the timing numbers correct
 - investigated how to make offline state per-tab
- jlongster
 - had a baby \o/r+yay
- jryans
 - Reviews for iframe mozbrowser going well
- zer0
 - Working on responsive.html (screenshot & close button)
 - infinite rulers
 - interviews

- gregtatum
 - Working on treemap visualization for memory tools:
<https://github.com/TatumCreative/memory-treemap>
 - Bug 1242628 - Add delete button to memory snapshot, almost done

Thurs Dec 17th, 2015

Calls to Action

Who's running this week's meeting + email? Patrick

Who's running Dec 22nd meeting + email? bgrins

Round Table (put your name next)

- [joe] Last Week I Learned...
- orlando etherpad:
<https://public.etherpad-mozilla.org/p/devtools-mozlando-what-we-learned> <-- please enter what you learned there
- [bgrins] Please enter notable things in DE 45:
<https://public.etherpad-mozilla.org/p/devtools-45-relnotes>
- [pbro] Multi-viewport project
- [jsantell] telemetry <https://public.etherpad-mozilla.org/p/devtools-telemetry>
- [jsantell] interviewers: mark PTO in calendar as busy
- [jen] npm + github organization? mozilla-devtools?
- Joe to take a look at this
- [joe] wellness
- Conf. Budget: <https://mana.mozilla.org/wiki/display/PR/Professional+Development>

User Visible Changes

- Albert Juhé - Update network panel table headers to match new theme - Bug 951714
- Albert Juhé - Don't clip netmonitor "Method" header text - Bug 1226989
- Albert Juhé - Replace checkmark symbol with word 'Status' in Netmonitor header - Bug 1100135
- ntim - Update TableWidget headers to match new theme - Bug 1049020
- Gabe - CodeMirror bump to 5.9.0 - Bug 1231362
- Debugger should no longer crash when searching through a big file (bug 1224726)
- Demangling C++ Function names in performance tool (bug 968510)
- eg_Z5myFunic --> void myFun(int a, char c);

Fun Size Updates

- [bgrins] tern, acorn, pretty-fast have all been updated to their latest versions (bug 1226810)
- I KNOW we have a bug somewhere that was opened for this but can't find it:
<https://twitter.com/ChromeDevTools/status/676531222609182720>. Anyone have bugzilla skills or a great memory?
- jryans: <https://bugzil.la/972530>

Things I Learned / Weekly Good Reads

- MOAR MICKENS (this time related to browsers!)
<https://www.youtube.com/watch?v=1uflg7LDmzI&t=516> ++
- VS Code has a node debugger:
<https://www.dropbox.com/s/l4rjuy6pklcjg9r/Screenshot%202015-12-16%2014.11.28.png?dl=0>
- Chrome devtools contribution guide
https://docs.google.com/document/d/1WNF-KqRSzPLUUFZqQG5AFeU_LI8TfWYcJasa_XGf7ro/edit#heading=h.df4l6vo9eguw
- [ochameau] Note that I'm trying to get a "hack from scratch" document for our tools:
- <https://public.etherpad-mozilla.org/p/devtools-contribution-workflow>
- TIFU by Using Math.random()
<https://medium.com/@betable/tifu-by-using-math-random-f1c308c4fd9d#.2167t1nca>
- this was a funny read - fun fact: if you know what to do, you can observe baseline -> ion because certain things will give different answers in different JITs (!!!!!!!)
- Also see
<https://groups.google.com/forum/#!searchin/mozilla.dev.platform/tifu/mozilla.dev.platform/10w0vwODbYc/5Ly-bNjhCAAJ>

Text Updates

fitzgen

- I am now in PDX
- Working on polishing / finishing dominator trees view

jryans

- Removing deprecated promises
- Working on multi-viewport MVP after Orlando

bgrins

- Last style editor tests enabled in e10s - Bug 1055333
- Progress on Bug 1233127 - Use createProcessingInstruction in theme switcher to apply stylesheets instead of addon sdk which will fix 2 weird dev friction issues:
- The light-theme.css file applies **after** and links included in the page, so causes weird specificity-type issues (like bug 1224932)
- The theme files are incorrectly tagged as UA (the real fix for this is coming in bug 1230491 but this should make things easier in the mean time)
- Have a refactor WIP in Bug 1154874 that should hopefully make writing custom talos tests easier so we can have task-specific tests
- Filed a web extensions bug (1232849) when looking into existing CSP tooling and what we could do in devtools

helenholmes

- ~~emoji patch~~, Bug 1233043, r?=bgrins +++
- Devtools jackets??? <http://cl.ly/1F0C2e1A3t41> + <http://cl.ly/2e302q3Z1n1c>, still generating options for ~~voting~~ omg this is the best \o/
- Working on first devtools user testing:
https://docs.google.com/document/d/1rRccBC3AhD1auOiGP0aTGe_pMh2RIFiGb2Hr5sTLI

ng/edit << first time I've done this too, so workweek peeps looking over this as it goes along would be A+++

- WIP, article for Mozlando presentation: <http://helenvholmes.com/state-of-the-devtools/>

tromeey

- Bug 1145527 - nicer css variable support; r?
- Bug 1226543 - filter tooltip munges some data: URLs; checkin-needed
- Bug 1230491 - allow editing of AUTHOR_SHEETS: platform bits done
- Looked at csslint a little; seems a bit too opinionated and also a bit dead upstream

Patrick

- 1219920 - Fix inspector search when classes on SVG elements
- 1224932 - Regression in layout-view, body not centered anymore
- 1226079 - Inspector broken when right-click/inspect in non-tab-browser windows (share)
- 1145527 - Fix timeline typo in animationinspector.css

jlongster

- working on removing breakpoint sliding for the most part (bug 1230345)
- fixing tests for attaching the debugger on toolbox startup (bug 1132501)
- helping bgrins fix up the debugger for large files
- planning for the next month of debugger work

zer0

- Bug 1139187 - Allow moving and resizing elements in content
- prototype for dimensions tool:
<https://dl.dropboxusercontent.com/u/5374957/highlighters/dimensions-click.html>
- unit test Bug 1139187 & Bug 1144575