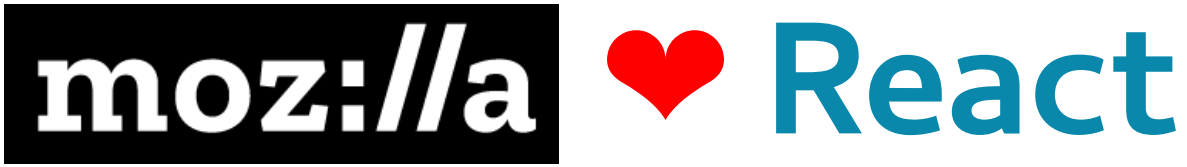
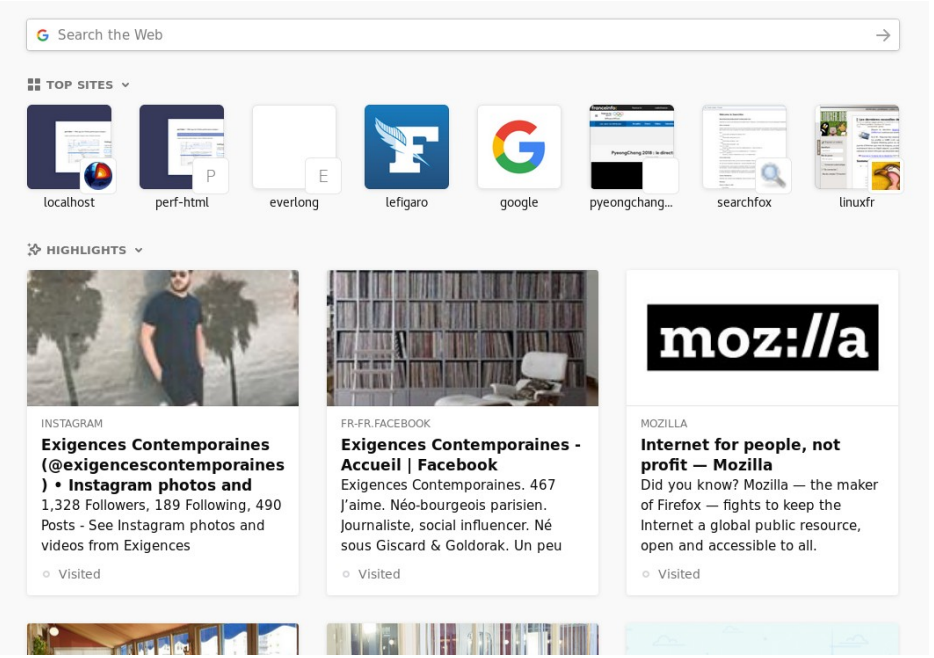

moz://a
React

A lot of React-based projects at Mozilla

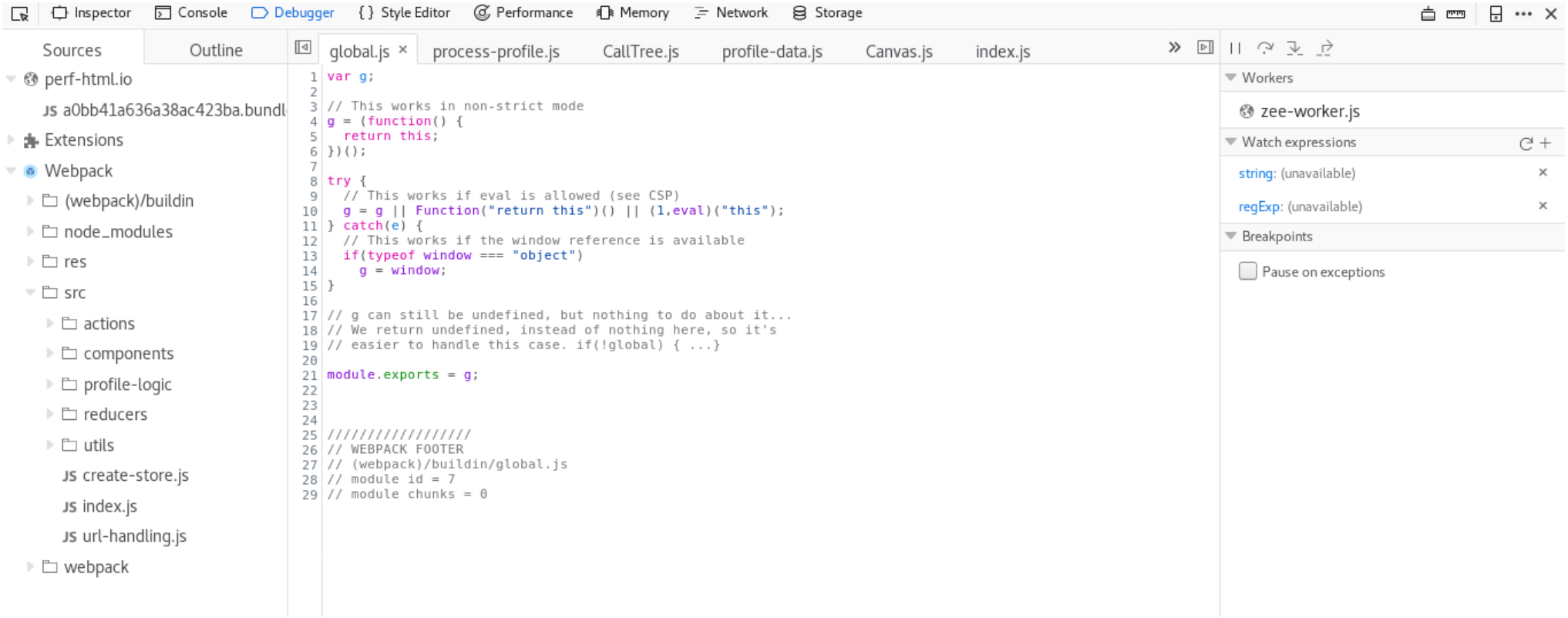
- Activity Stream
- Developer tools : Debugger, Network Monitor, Web Console, Responsive Mode, JSON View
- Gecko Profiler

Activity Stream

- This is the page for an empty « new tab »
- Project is on github : https://github.com/mozilla/activity-stream
- Needs a clone of all of mozilla
- Available bugs on bugzilla : https://mzl.la/2KAWVSE



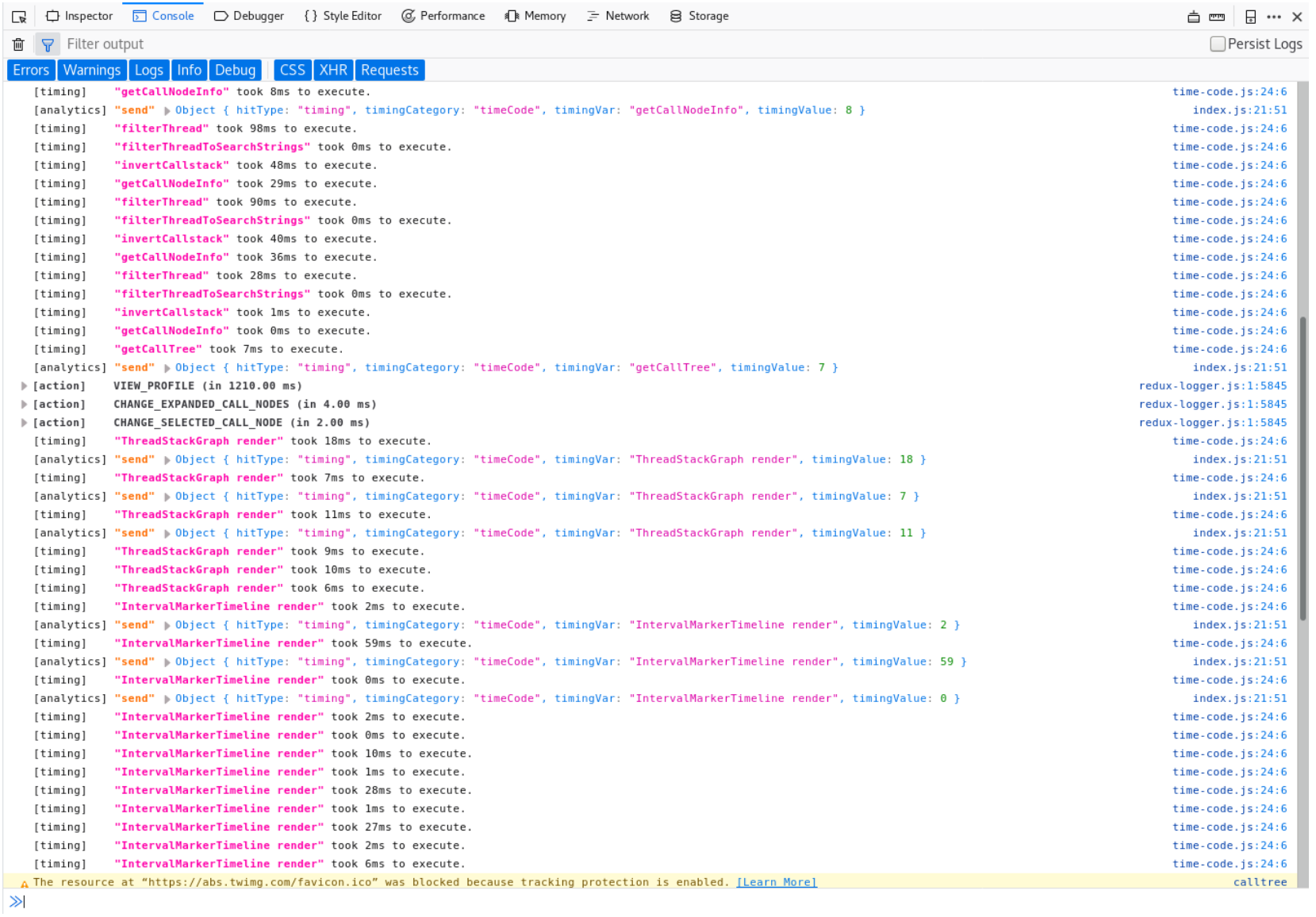
The Debugger



The Debugger

- On GitHub : https://github.com/devtools-html/debugger.html/
- Doesn't need a full clone of Firefox to start
- Does a great work to help contribution
- Has good first issue bugs, label good first issue or help wanted
- Easy to work with

The Web Console



The Web Console

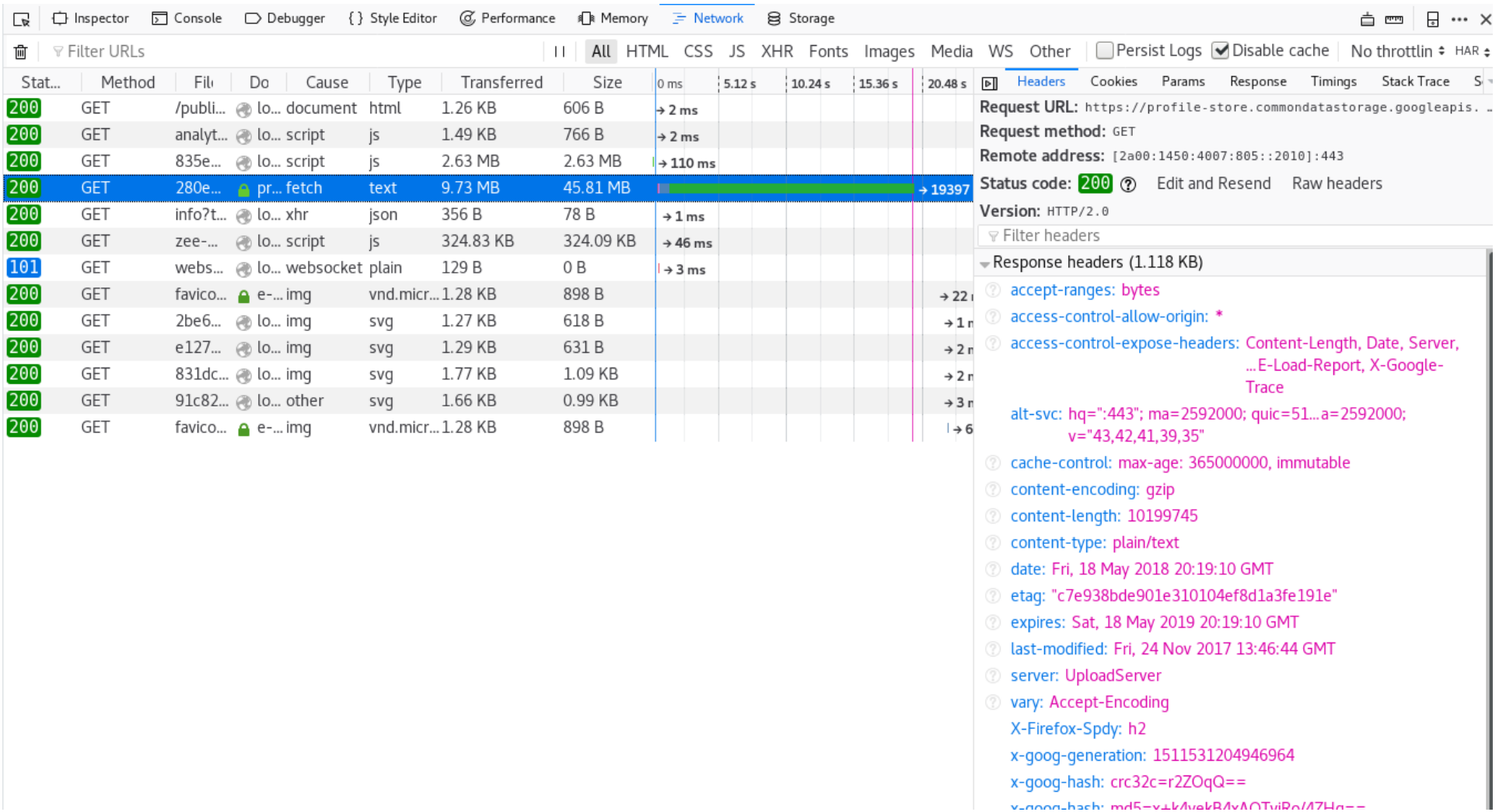
- Developed inside the Firefox code base :

  https://searchfox.org/mozilla-central/source/devtools/client/webconsole
- A few mentored bugs : https://mzl.la/2IuV9C4
- React without JSX
- Start with :

  https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/Build_Instructions/Simple_Firefox_build (https://mzl.la/2rSy99X)

  Use artifact builds

The Net Monitor



The Net Monitor

- Developed inside the Firefox code base too

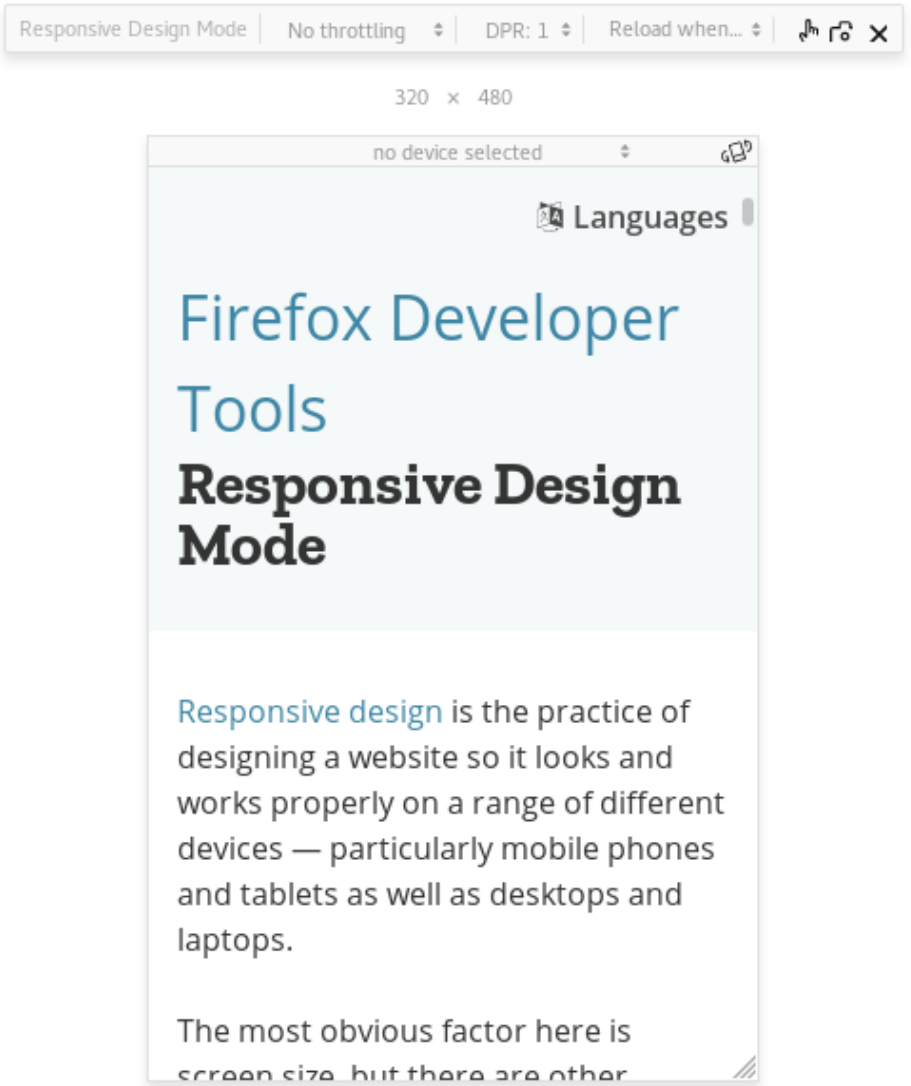
  https://searchfox.org/mozilla-central/source/devtools/client/netmonitor
- More mentored bugs : https://mzl.la/2rSx3Ln
- React without JSX as well
- Start with :

  https://developer.mozilla.org/en-US/docs/Mozilla/Developer_guide/Build_Instructions/Simple_Firefox_build

  (https://mzl.la/2rSy99X)

  Use artifact builds

Responsive Mode

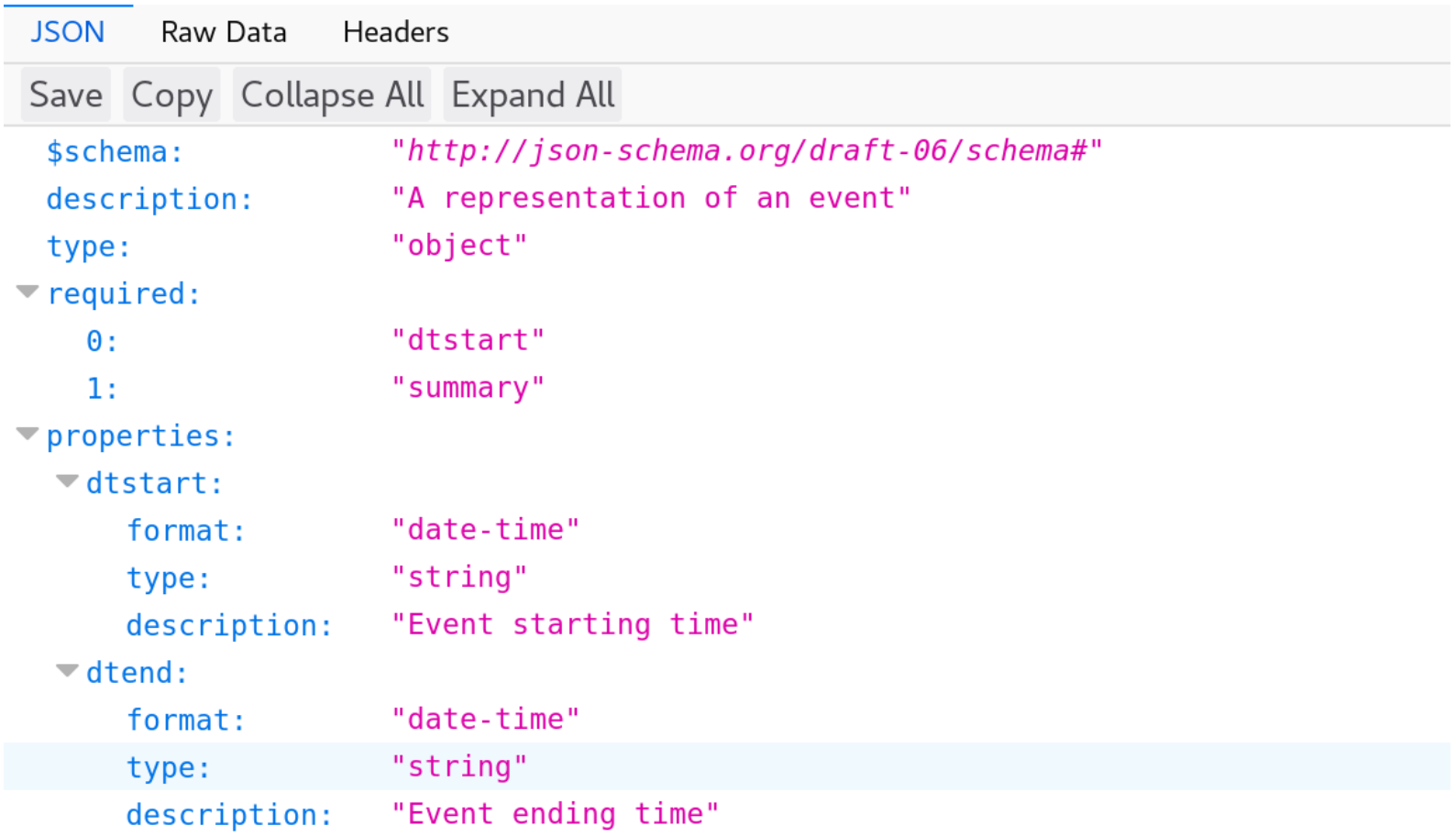


Responsive Mode

- Same characteristics :

  https://searchfox.org/mozilla-central/source/devtools/client/responsive.html
- A few mentored bugs : https://mzl.la/2rSpVyw
- Good opportunity to have an impact : very few people working on this tool

JSON Viewer


JSON
Raw Data
Headers
Save
Copy
Collapse All
Expand All
$schema: "http://json-schema.org/draft-06/schema#"
description: "A representation of an event"
type: "object"
required:
0: "dtstart"
1: "summary"
properties:
dtstart:
format: "date-time"
type: "string"
description: "Event starting time"
dtend:
format: "date-time"
type: "string"
description: "Event ending time"

JSON Viewer

- Developed in Firefox as well :

  https://searchfox.org/mozilla-central/source/devtools/client/jsonview
- Not very maintained these days, good opportunity to have an impact
- List of bugs : https://mzl.la/2IuXLjm

Others in devtools...

- The new accessibility tool :

  https://searchfox.org/mozilla-central/source/devtools/client/accessibility
- The new profiler panel :

  https://searchfox.org/mozilla-central/source/devtools/client/performance-new
- The memory tool :

  https://searchfox.org/mozilla-central/source/devtools/client/memory
- The new application panel :

  https://searchfox.org/mozilla-central/source/devtools/client/application

The Gecko Profiler

The Gecko Profiler

- Development happens exclusively on github :

  https://github.com/devtools-html/perf.html/
- Labels help wanted and good first issue
- ❤ Super nice team ❤
- Very normal React + Redux application
- Domain can be complex, but super interesting