RUM Community Group

2025-03-14 Edition

Agenda

- Logistics

- Next Meeting

- Agenda
  - Baseline updates
  - Interop 2025 overview
  - RUMCG Issue Tracking

Logistics

- Meeting cadence
  - 2nd Friday of the Month
  - 60 minutes
  - 10am ET

- Agenda Document
  - (bit.ly/rumcg-agenda)

- Google Meet for Meetings
  - (invites - Google Group for invites only)

- Chat on Web Performance Slack
  #w3c-rum-community-group
  - (invites)

- public-rumcg@w3.org
  - (for discussions)

- RUM CG Github Repo (NEW)
  - github.com/w3c-cg/rum
  - Group details
  - Links
  - Meeting minutes?

- RUM CG Tracking Project
  - github.com/orgs/w3c-cg/projects/1

Next Meeting

- Fri **April 11th** @ 10am EST
  - 2nd Friday of each month

- Topics?
  - Funding browser work for features
  - Header adoption (`Timing-Allow-Origin`, `Server-Timing`)

- Submit & Vote topics @ bit.ly/rumcg-agenda

Topics Backlog

- ~~Better tracking/visibility into vendor positions (March 14)~~
- ~~Top tracking issues (e.g. this lighthouse issue) (March 14)~~
- ~~Baseline Project~~
- Funding browser work for features
- Header adoption (TAO, Server-timing)
- Browser vendor presentations
- Outreach to other groups (i.e. 3rd Parties, CDNs)
- Ad Blockers & tracking protection
- Implementation best practices
  - When to fire the beacon/how to deliver
  - SPA support
- Making sure we don't step on each other's toes (i.e. clearing RT buffers, multiple vendors on a page, etc.)
- Open source
- Securing the beacon
- RUM Archive

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Baseline

- Presentation from Tony Conway (Google), Gilberto Cocchi (Google)

Interop 2025

- Announcements
  - https://webkit.org/blog/16458/announcing-interop-2025/
  - https://web.dev/blog/interop-2025
  - https://www.igalia.com/chats/interop2025
  - https://hacks.mozilla.org/2025/02/interop-2025/

- What is it?
  - *Collaboration between browser vendors and other platform implementors to provide users and web developers with high quality implementations of the web platform.*
  - *Each year we select a set of focus areas representing key areas where we want to improve interoperability.*

Interop 2025

Core Web Vitals

Web Vitals can help you quantify the experience of your site and identify opportunities to improve. The Web Vitals initiative aims to simplify the landscape, and help sites focus on the metrics that matter most, the Core Web Vitals.

Interop 2025 includes Largest Contentful Paint (LCP) and Interaction to Next Paint (INP) metrics by implementing the LargestContentfulPaint API and the Event Timing API across browsers. The Cumulative Layout Shift (CLS) metric is not in scope.

LCP API

Browser Support   77   79   122   x   Source

Event Timing API (for INP)

Browser Support   96   96   x   x   Source

RUMCG Issue Tracking

- What do we (RUMCG) care about?

- Track ideas, bugs

- Outputs could be:

  - Bring in-development ideas to WICG or WebPerf WG

  - Push for development of non-interoperable features (e.g. funding)

- Proposal with Github Projects

- Solicitation of Issues and Ideas to Include

Top Level Topics

- Ideal RUM APIs
- RUM
- Attrib
- SPAs
- Netw
- Netw
- Netw
- Repo

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RUM Pain Points

Standards:

- sendBeacon
- fetchLater / P
- Focus on Attr
  - Still harder
- SPA support (
- ResourceTimi
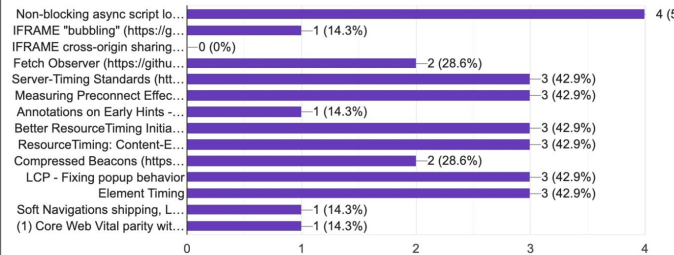
How to move some of our shared priorities forward?

1. Non-blocking async script loading - loading JavaScript that doesn't affect the onload event but isn't defer'd
2. Server-Timing Standards - e.g. for
3. Measuring Preconnect Effectivene
4. Better ResourceTiming Initiator Su
5. ResourceTiming: Content-Encodin RT#368, RT#373)
6. LCP - Fixing popup behavior
7. Element Timing

Common Pain Points

Some ideas...

- Non-blocking async
- IFRAME bubbling &
- Fetch Observer
- ServerTiming standa
- Measuring Preconne
- Annotations on Early
- Better Initiator Supp
- ResourceTiming: Co
- Compressed beacon
- Popup behavior for
- ElementTiming supp

How to move some of our shared priorities forward?

Non-blocking async script lo…	4 (5
IFRAME "bubbling" (https://g…	1 (14.3%)
IFRAME cross-origin sharing…	0 (0%)
Fetch Observer (https://githu…	2 (28.6%)
Server-Timing Standards (htt…	3 (42.9%)
Measuring Preconnect Effec…	3 (42.9%)
Annotations on Early Hints -…	1 (14.3%)
Better ResourceTiming Initia…	3 (42.9%)
ResourceTiming: Content-E…	3 (42.9%)
Compressed Beacons (https…	2 (28.6%)
LCP - Fixing popup behavior	3 (42.9%)
Element Timing	3 (42.9%)
Soft Navigations shipping, L…	1 (14.3%)
(1) Core Web Vital parity wit…	1 (14.3%)

Github Project

		Title		Assignees		Status		Category		+
1	⊙	Lighthouse misattributing Main-Thread Blocking Time in Run Microtasks #14843		brendankenny	⌄		⌄	Bugs	⌄	
2	⊙	Navigation Timing L2 often returns negative timing values for documents served from mem... #1			⌄		⌄	Safari	⌄	
3	⊘	[Largest Contentful Paint] Text paints that are the same colour as the background are candid... #3			⌄	Done	⌄	Chrome	⌄	
4	⊙	Element hidden by overlay marked as LCP #4			⌄		⌄	Chrome	⌄	
5	⊙	Include Content Type #203			⌄		⌄	Features	⌄	
6	⊙	Add response status codes for resources in Resource Timing API. #90		abinpaul1	⌄		⌄	Features	⌄	
7	⊙	"bubbles" flag for monitoring of all IFRAMEs #86			⌄		⌄	Features	⌄	
+		w3c/performance-timeline								