

Modern Web Apps & End Users



@arunoda

JavaScript

AngularJS
Ember.js
React

Socket.IO

Firebase

Meteor

The screenshot shows the official Meteor website at <https://www.meteor.com>. The page has a dark background with a light gray header bar. The header includes the Meteor logo, navigation links for TUTORIAL, DOCS, SUBPROJECTS, PACKAGES, THE METEOR PROJECT, BLOG, and MY ACCOUNT, and various browser extension icons.

Build apps that are a delight to use, faster than you ever thought possible

[INSTALL METEOR 1.0](#)

Star 20862 Follow @meteorjs 33.9K followers

56 UPCOMING EVENTS
2911 PACKAGES
7857 STACKOVERFLOW QUESTIONS
205K UNIQUE INSTALLS
10 PROFESSIONAL

A screenshot of a web browser displaying the MeteorHacks website. The browser has a dark blue header bar with window control buttons (red, yellow, green) and a tab labeled "MeteorHacks - Meteor JS". The address bar shows the URL <https://meteorhacks.com>. The page itself has a white background with a light gray header bar containing the "MeteorHacks" logo in red and a navigation menu with links to "BulletProof Meteor", "Pro Meteor", "Fast Render", and "Meteor Weekly". Below the header is a large red "MeteorHacks" logo, followed by the text "Meteor JS Tutorials, Hacks & Projects with @arunoda". A pink horizontal bar contains a "Subscribe Now" button and a "Enter your email" input field. The main content area features three articles with titles and brief descriptions.

MeteorHacks

BulletProof Meteor

Pro Meteor

Fast Render

Meteor Weekly

MeteorHacks

Meteor JS Tutorials, Hacks & Projects with @arunoda

Subscribe Now

Meteor for Windows, UI frameworks for Meteor and More [meteor-weekly]

November 24, 2014

Meteor SEO - Google Fetch & Render

November 17, 2014

Earlier this year, Google announced that Googlebot had started to render web pages using a modern browser instead of just looking at HTML. I did an experiment on this with a Meteor app, here are the results.

Meteor Day and MeteorHacks

November 03, 2014

We are also ready for the Meteor Day even though we don't host an official meetup. So, let me tell you, what we're up to.

Kadira - Performance Monit X

https://kadira.io

Tour Pricing Blog Academy Support Open Kadira UI

Kadira

Performance Monitoring for Meteor



Thanks to Kadira, we were able to identify recurring **exceptions** on both the client and the server..

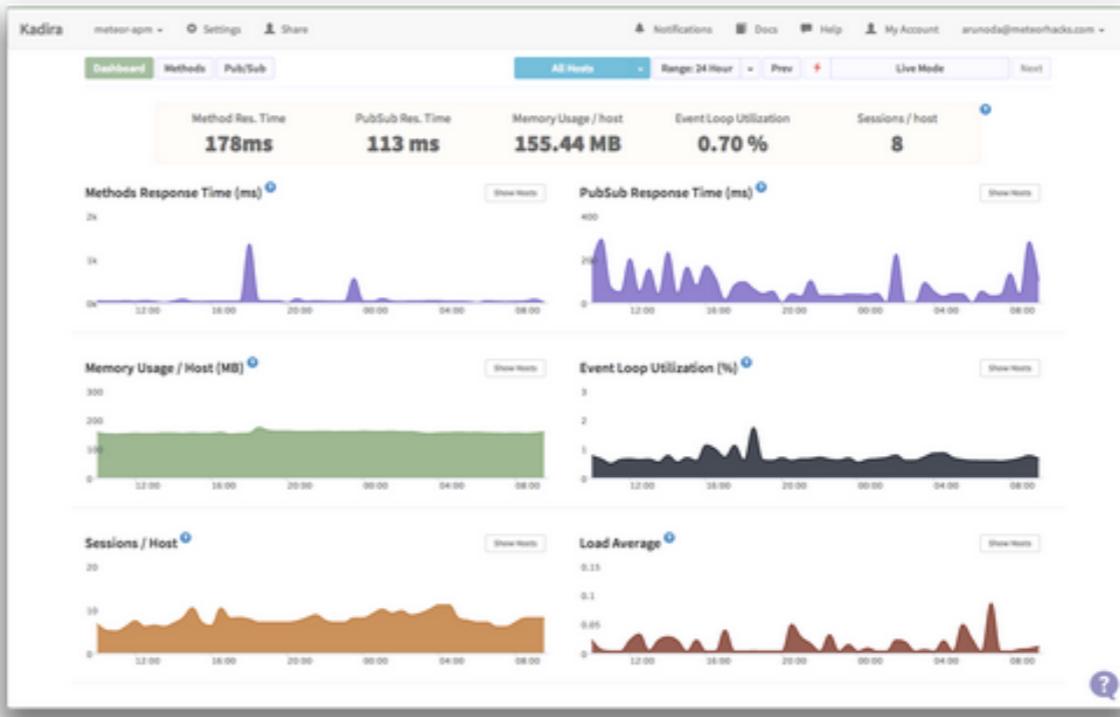
Shawn Young
President - ClassCraft

see more testimonials

Understand what's happening in your **Meteor** app realtime

Start Monitoring
(It's FREE)

see what kadira can do

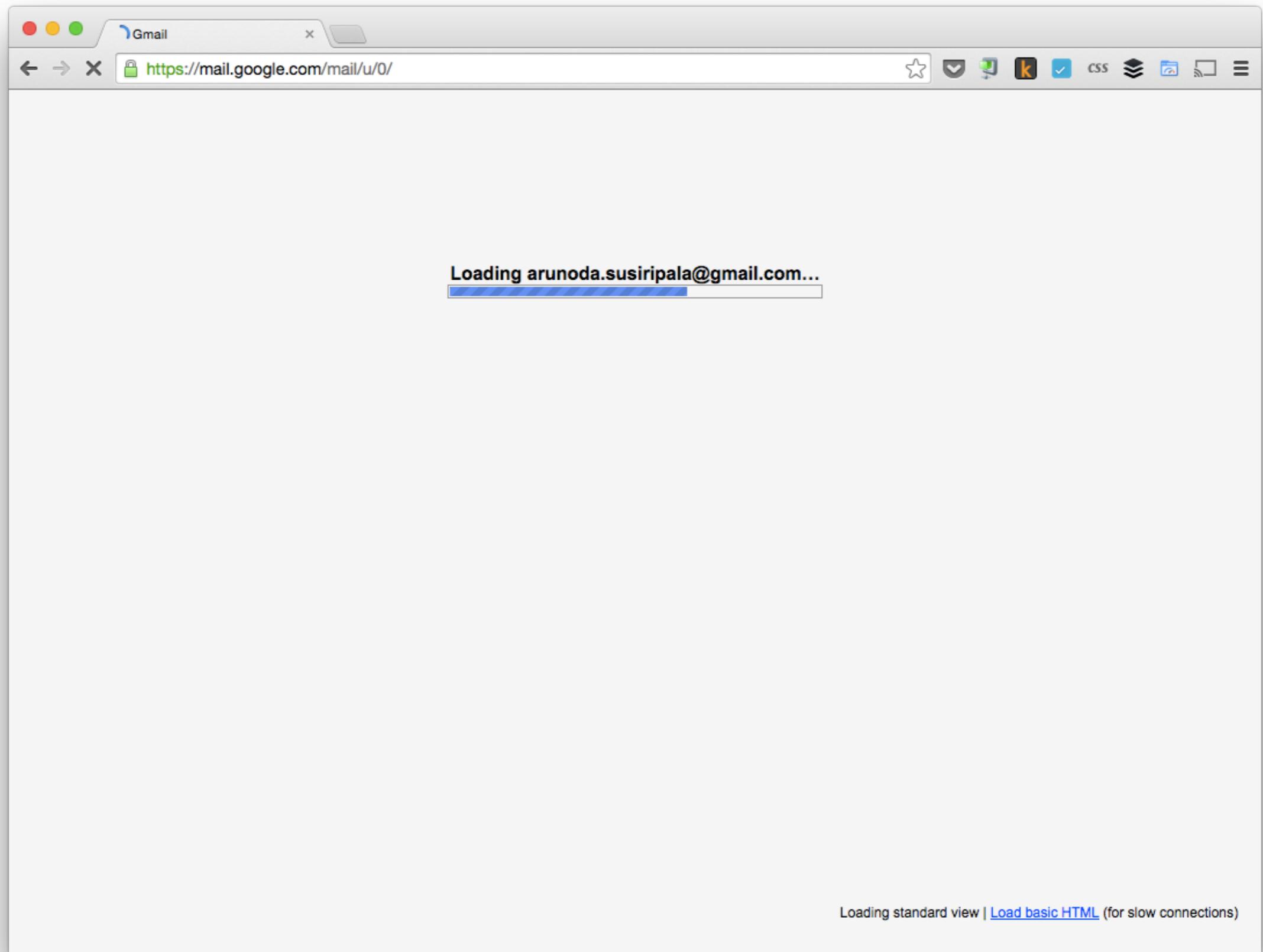


Trace Explorer : getIpLocation (37515ms)

Modern Web Apps & End Users



1. Fast Rendering





Google

Sri Lanka



localhost



Loading...

www.facebook.com



Facebook

kadira.io



Kadira - Performance Mon...

twitter.com



Twitter

mixpanel.com



kadira-growth / Explore P...

crater.io



Crater.io: Where Meteor.js...

bulletproofmeteor.com



https://bulletproofmeteor.c...

gmail.com



Gmail

Inbox - arunoda.susiripala@gmail.com

<https://mail.google.com/mail/u/0/#inbox>

Google

Gmail ▾

COMPOSE Primary Social Promotions Updates Forums +

Elements Network Sources Timeline Profiles Resources Audits Console PageSpeed

Preserve log Disable cache

Filter	All	Documents	Stylesheets	Images	Media	Scripts	XHR	Fonts	TextTracks	WebSockets	Other	<input type="checkbox"/> Hide data URLs
Name		Method	Status	Type	Initiator	Size	Time					
Path			Text			Content	Latency	Timeline				
/mail/u/0		---	OK	-----	Script	-----	358 ms					
?ui=2&ik=0f56b0828a...	POST	200 OK	text/j...	Script	(from ...)	168 KB 409 KB	1.19 s 585 ms					
rs=AltRSTMWSaLYKj-...	GET	200 OK	text/j...	Script	(from ...)	5 ms 5 ms						
rs=AltRSTMWSaLYKj-...	GET	200 OK	text/j...	Script	(from ...)	4 ms 4 ms					4 ms → 0	
?ui=2&ik=0f56b0828a...	POST	200 OK	text/j...	Script	14.2 KB 87.2 KB	2.00 s 2.00 s	6s					
gcosuc	POST	200 OK	application/x-javascript	Script	450 B 28 B	741 ms 740 ms						
rs=AltRSTMWSaLYKj-...	GET	200 OK	text/j...	Script	(from ...)	5 ms 5 ms						
rs=AltRSTMWSaLYKj-...	GET	200 OK	text/i	Script	(from ...)	5 ms						

17 / 96 requests | 191 KB / 275 KB transferred

Console Search Emulation Rendering

meteorhacks/fast-render

GitHub, Inc. [US] https://github.com/meteorhacks/fast-render

Unwatch 20 Unstar 171 Fork 15

meteorhacks / fast-render

Render your app even before the DDP connection is live. - magic? — Edit

237 commits 6 branches 41 releases 11 contributors

branch: master / fast-render / +

update README

arunoda authored 18 hours ago latest commit 00dedc34fd

File	Commit Message	Time Ago
lib	add client side mergeBox	18 hours ago
qa	added measures to prevent CORS based security issues	11 months ago
tests	add client side mergeBox	18 hours ago
.gitignore	support FR for loggedIn users	19 hours ago
.travis.yml	added travis support	a day ago
LICENSE	Create LICENSE	11 months ago
README.md	update README	18 hours ago
package.js	version bumped	18 hours ago
todo.md	added fastRender debugger	5 days ago

SSH clone URL
git@github.com:met

You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

Clone in Desktop Download ZIP

Fast Render

2. Cache Locally

Ello | A Simple, beautiful & [private social network](#)

https://ello.co/friends

Ello Beta [About](#) [Feature List](#)

X



Say Ello...

Friends

Noise



I'm thankful for 😊

I'm thankful for my 6 amazing partners in this crazy endeavor –
[@todd](#) [@budnitz](#) [@cacheflowe](#) [@mk](#) [@gv](#) [@jayzes](#)

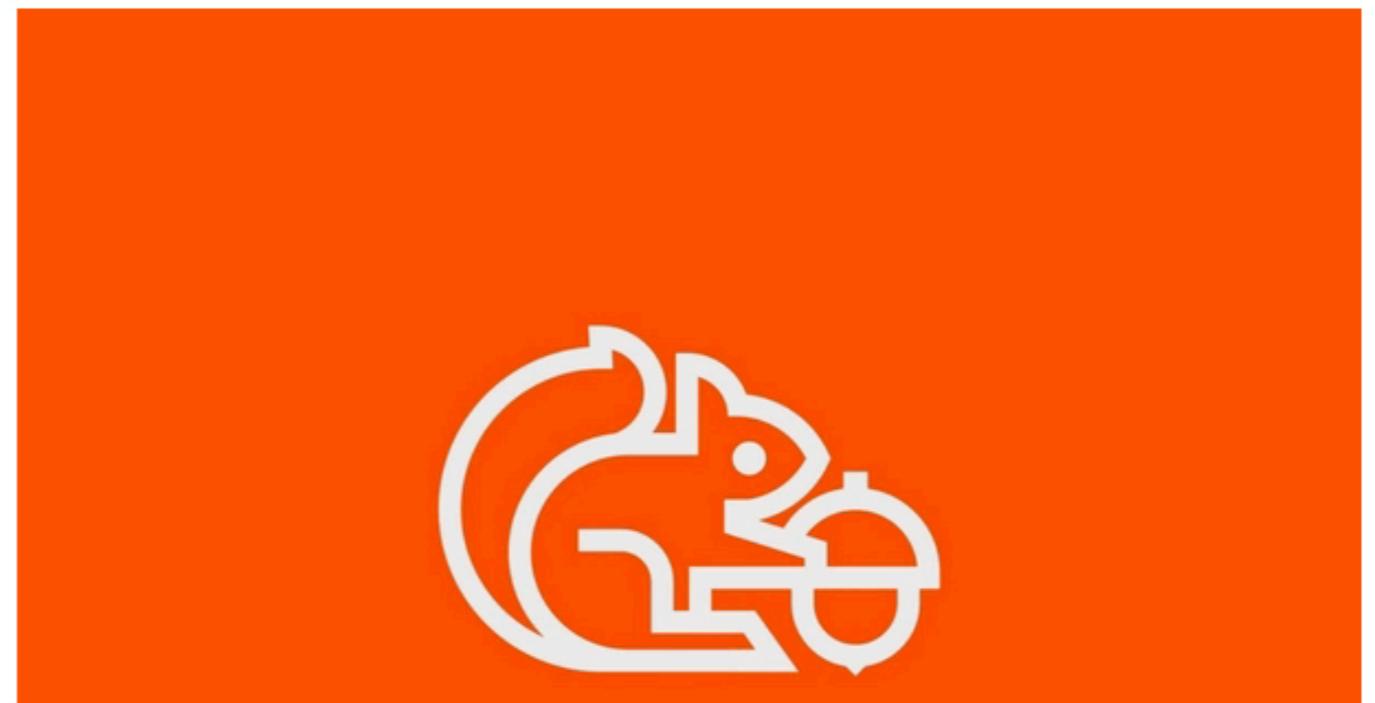
I'm thankful for all of you. Thank you for making 😊 the best community we could ask for.



1h 481 ... 3



Squirrel by [@anthonydimitre](#) 🐿️ 🌰



Twitter X

Twitter, Inc. [US] https://twitter.com

Home Notifications Messages Discover Search Twitter

What's happening?

Senel Wanniarachchi retweeted **Krystle Reid @Krystle_Reid** · 3m
Messages of support flood in for bowler Sean Abbott following death of Phil Hughes [independent.co.uk/news/people/se...](https://independent.co.uk/news/people/sean-abott-dies-cricket-world-cup-uk-1370000.html)

No Justice, No Peace @AmyStephen · 1m
V2-Jury STILL has no charges, no instruction on law; Finally hears Darren Wilson name as VICTIM [documentcloud.org/documents/1370...](https://documentcloud.org/documents/1370000.html) #GrandJuryEvidence

No Justice, No Peace @AmyStephen · 1m
V2-took 1 HR to contact CO; 50+ officers there already; Darren Wilson ID'ed in evidence as VICTIM [documentcloud.org/documents/1370...](https://documentcloud.org/documents/1370000.html) #GrandJuryEvidence

cricinfo ESPNcricinfo @ESPNcricinfo · 2m
At our office. #putoutyourbats



Trends · Change

#TienesNuestroApoyoJuan
#MTVStars
#5SOSLIVEQANDHEY
#putoutyourbats
Black Friday

Who to follow · Refresh · View all

Gayathra Aryathilaka @gay... Followed by TharinduWeera...
Follow

Dan Benoni @DanBenoni Followed by G. Andrés Ibarr...
Follow

binoy abeywickrama @_bin... Followed by Dr Kuma Iddam...
Follow

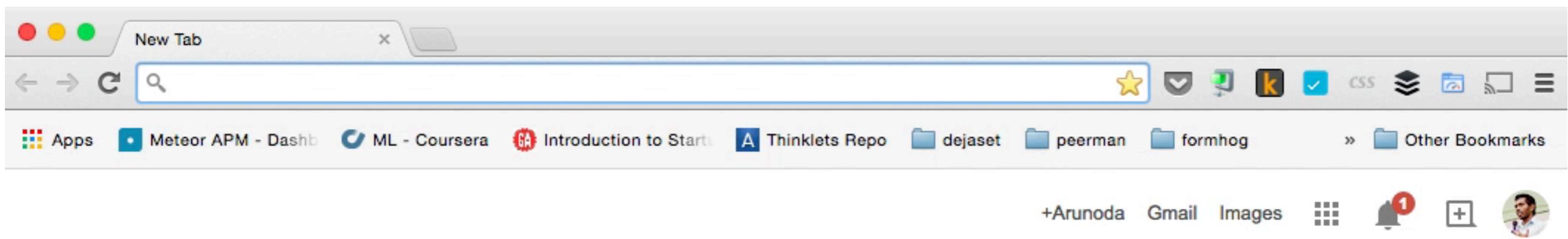
Find people you know · Popular accounts

The screenshot shows a GitHub repository page for 'meteorhacks/subs-manager'. The page includes a header with navigation links like 'Explore', 'Gist', 'Blog', and 'Help'. On the right, there's a user profile for 'arunoda' with a picture, a dropdown menu, and icons for creating a new repository, starring, forks, and settings. Below the header, the repository name 'meteorhacks / subs-manager' is displayed with a 'fork' icon. To the right are buttons for 'Unwatch' (10), 'Unstar' (73), and 'Fork' (7). The main content area shows '36 commits', '1 branch', '7 releases', and '4 contributors'. A yellow bar highlights the commit count. Below this, a list of commits is shown, each with a file icon, the author ('arunoda'), the message, and the date. The commits are as follows:

- version updated by arunoda 2 days ago
- lib Use EJSON instead of JSON 2 days ago
- tests make resetting works great 8 days ago
- .gitignore added meteor 0.9 support 3 months ago
- .travis.yml added travis support 6 months ago
- LICENSE added license 6 months ago
- README.md added restting system 2 months ago
- package.js version updated 2 days ago
- smart.json version updated 2 days ago
- versions.json Use EJSON instead of JSON 2 days ago

At the bottom, there's a link to 'README.md' and a large title 'subs-manager'. On the right side, there's a sidebar with links for 'Code', 'Issues' (8), 'Pull Requests' (0), 'Wiki', 'Pulse', 'Graphs', 'Settings', and download options ('Clone in Desktop', 'Download ZIP').

3. Incremental Loading



Google

Sri Lanka



localhost



Loading...

www.facebook.com



Facebook

kadira.io



Kadira - Performance Mon...

twitter.com



Twitter

mixpanel.com



kadira-growth / Explore P...

crater.io



Crater.io: Where Meteor.js...

gmail.com



Gmail

bulletproofmeteor.com



https://bulletproofmeteor.c...

4. Latency Compensation

Kadira | Trello

https://trello.com/b/C9vwEaiK/kadira

Trello

Boards

Arunoda Susiripala

Kadira

Private

Show sidebar

Todo

- Automated Bottleneck Finder.
- Load Testing Output
- Add Route/URL info into the Trace
- Tracking Observer Information
- Tracking WriteFence Info
- Managerial Reporting View
- Kadira Discuss
- Report Cards
- Auto Compaction Logic for Mongo Cluster
- Error Manager

Bugs

- Tracks Restarts and Redeploys
- Adjust response time y-axis
- userId is null in the traces for pubSub
- show loading on sort order change, breakdown chart
- Admin view for apps
- Password Reset Rate Limit

Queued

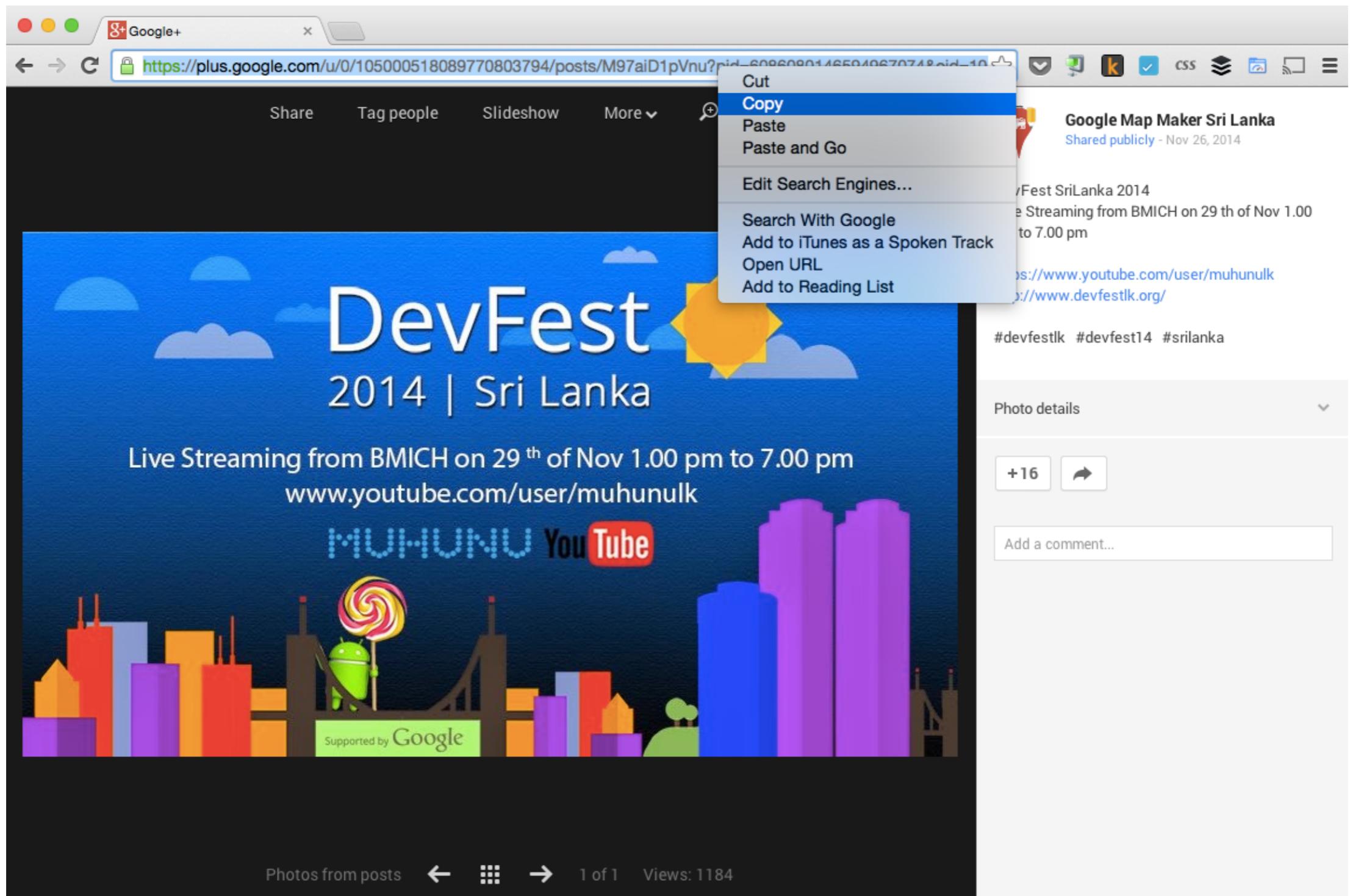
- High Charts Update
- isAdmin feature
- redirect loop after logout
- Trace Explorer : testError (3ms)
 - Started at July 14th, 3:58:32.077 pm
 - wait time 0ms
 - HTTP GET 2ms
 - URL: http://www.google.com/adadad
 - Completed at July 14th, 3:58:32.080 pm [Response Timer: 2ms]
- Http.call 404 error not tracked

Done

- Add a card...

5. Permalinks

We copy and paste



PushState History API

6. Animations?





Kadira

Performance Monitoring for Meteor

Tour Pricing Blog Academy Support

[Open Kadira UI](#)

We had a Livelock in our app. Kadira showed us **exactly** which method was running excessively.

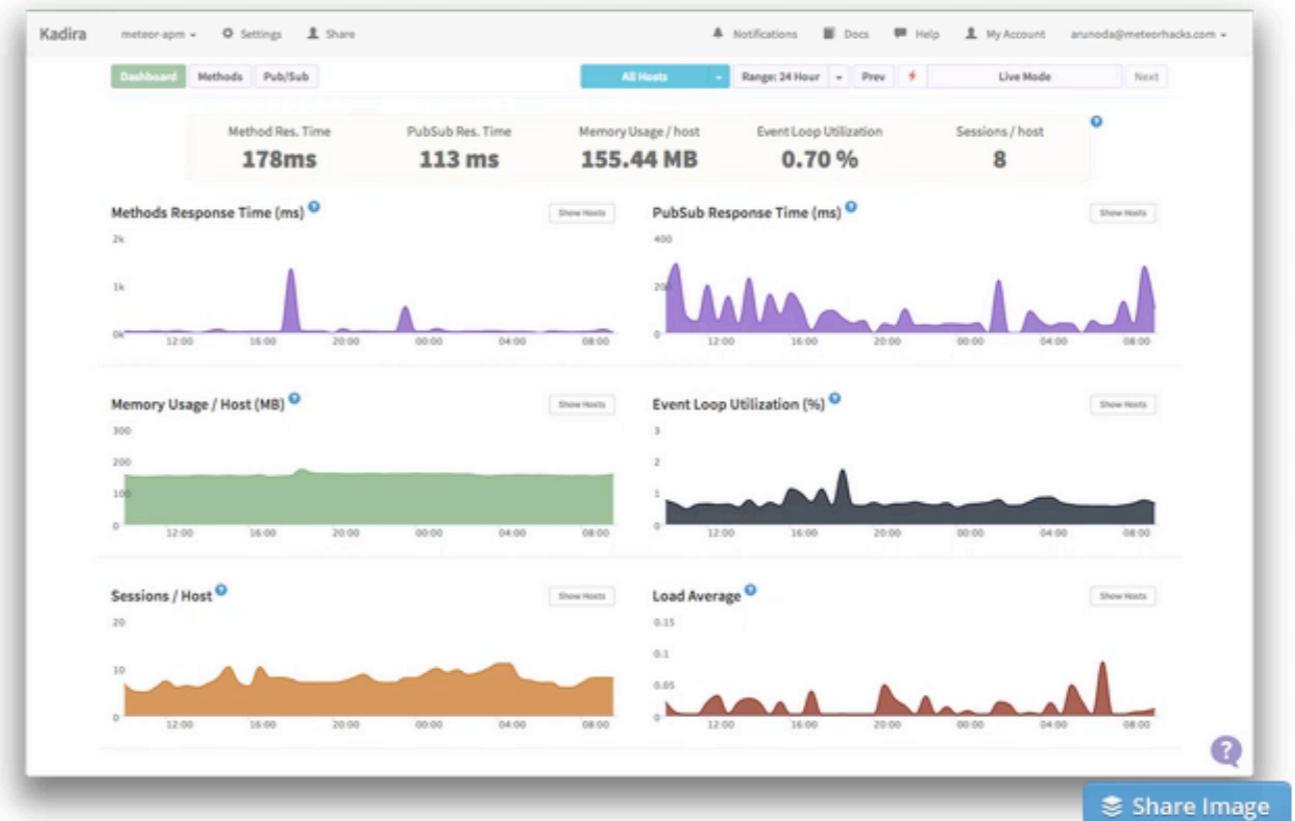
David Weldon
CTO - Edthena

[see more testimonials](#)

Understand what's happening in
your **Meteor** app realtime

[Start Monitoring
\(It's FREE\)](#)

[see what kadira can do](#)



Trace Explorer : getIpLocation (37515ms)

Occurred on Tuesday, Oct 28, 2014 02:17:59

Started at October 28th, 2:17:59:810 am [SHOW LESS](#)

A modal window titled "Trace Explorer" shows a single trace entry for the function "getIpLocation". The trace took 37515ms and occurred on Tuesday, Oct 28, 2014 at 02:17:59. It started at October 28th, 2:17:59:810 am. There is a "SHARE THIS" button in the bottom right corner.

These are not rules!

Inbox – arunoda.susiripala

https://inbox.google.com/u/0/

Pinned Search

Today

D Dan Dascalescu [bulletproof-lessons] First typos (#1) – View this Pull Request on Gi... [View Pull Request](#)

Tomasz, me (6) laika maintencance – Hi Arunoda, FYI, for a few months I have been working on another... [View](#)

Dan, me (11) Proofreading Bulletproof Meteor – Are you working at Google. Didn't know that :) [View](#)

A Arunoda Susiripala [meteor-core] Browser Policy and __meteor_runtime_config__ – W... [View](#)

Yesterday

Reminder Document Components in Kadira and find a way to Manage Them [View](#)

+

Thank You
Questions?

@arunoda