

Measure your
Magento Performance



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7 de Noviembre, 2017

Meet Magento Spain 2017



Measure your Magento Performance



with

MAGE.COACH

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What is Mage.coach

- SaaS platform
- Build upon Sitespeed.io (Thanx Peter)
- Sitespeed build upon oa. Selenium, Webpagetest, Google PageSpeed....
- Flexible plugin system (coach)



Why is Performance important!

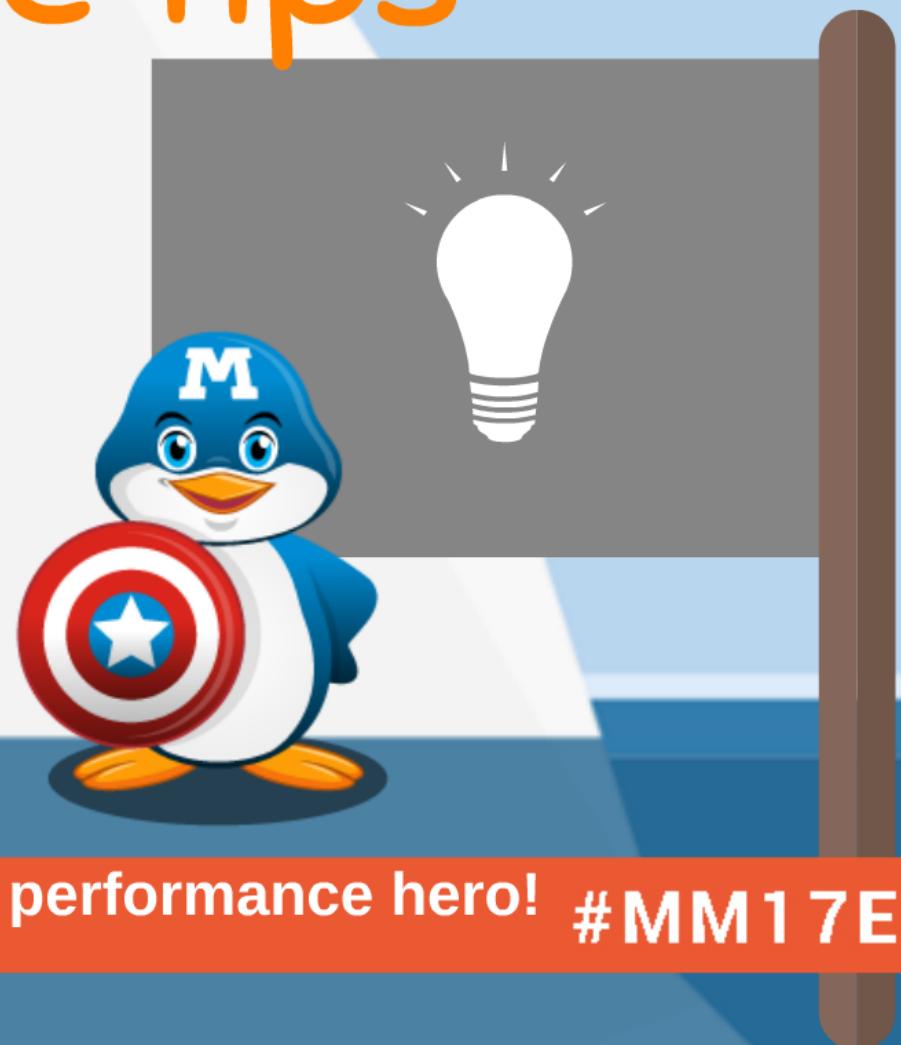
- User Satisfaction
- Improved Search Rankings
- Mobile Users
- Conversion



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Performance tips

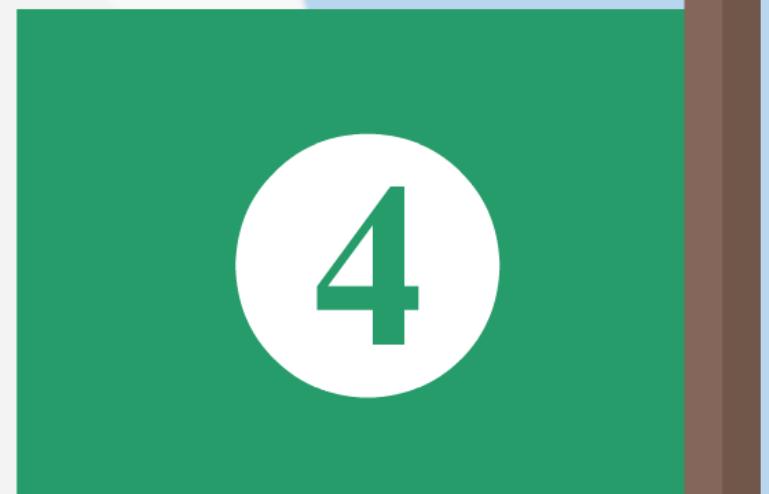
- Minimize HTTP Requests
- Enable Compression
- Enable Browser Caching
- Minify Resources
- Optimize Images
- Above-the-fold (ATF) Content
- Minimize redirects
- CDN
- Monitor Your Web Performance



How it all works

What happens when
mage.coach analyzes a page

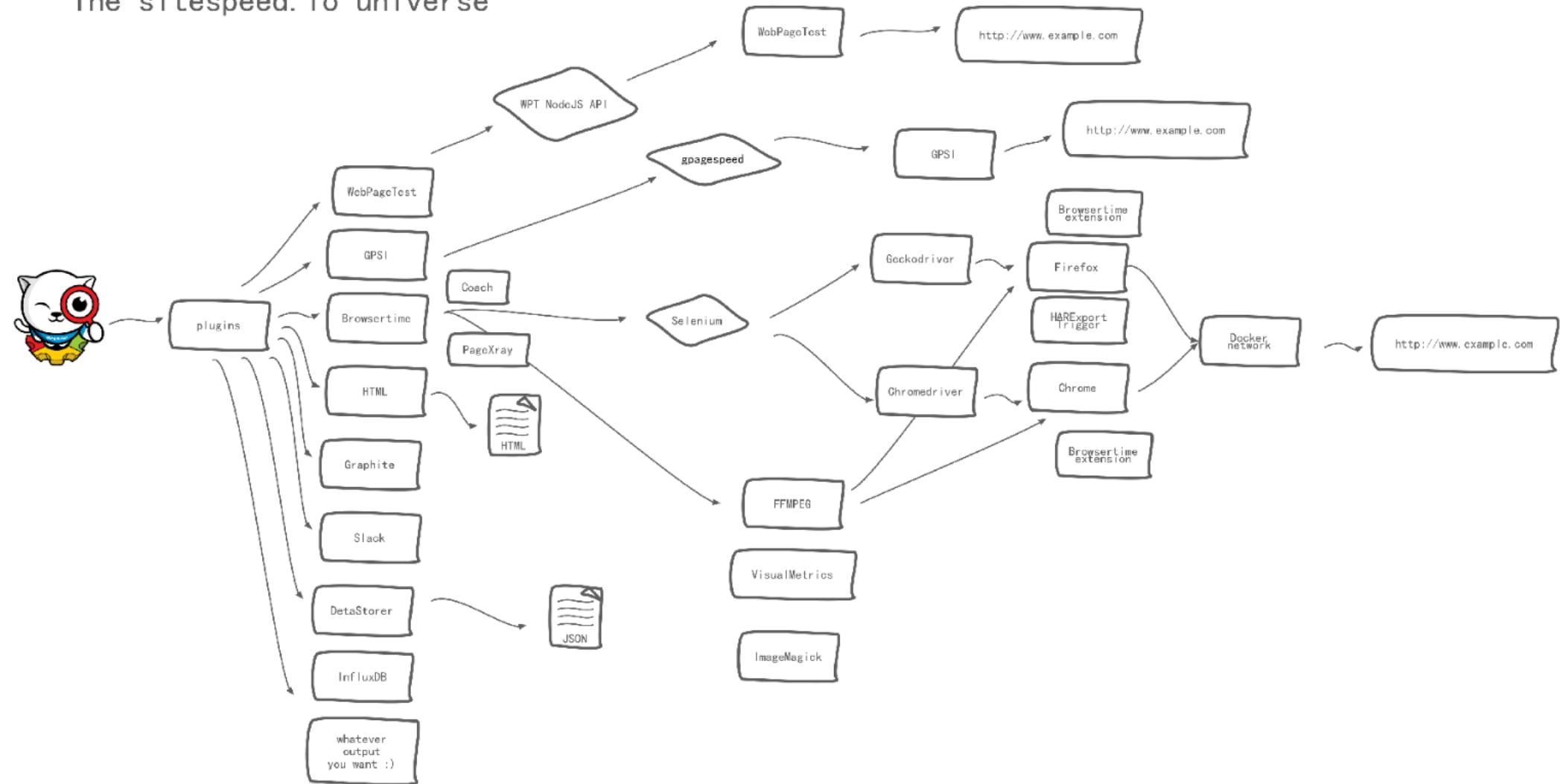
1. Mage.coach gets a URL from the user
2. Lines up in the queue
3. Open the browser (Chrome or FireFox)
4. Start record a video of the screen
5. Access the URL in the browser
6. When the page is finished, take a screenshot of the page
7. Run some JavaScripts to analyze the page
8. Stop the video and close the browser
9. Analyze the video to get metrics like FirstVisualChange and SpeedIndex
10. Generate a HTML report.
11. Report is send by mail.



What happens when mage.coach analyzes a page

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The sitespeed.io universe



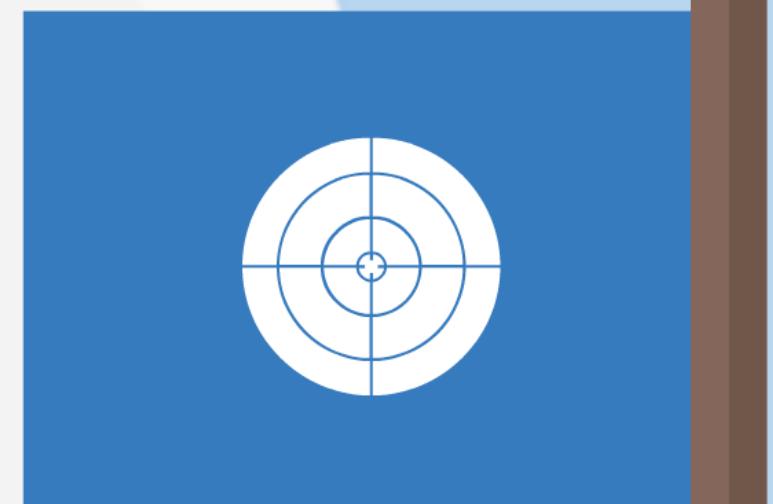
Let's see Mage.coach in action!

<https://run.mage.coach>



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What's next

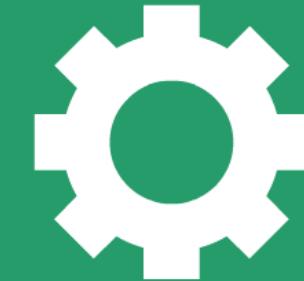
More coach plugins

Premium version for Partners

Advanced Report

Private hosted solution

...and much much more!!!



Reports (preview)

Site summary



Page summary



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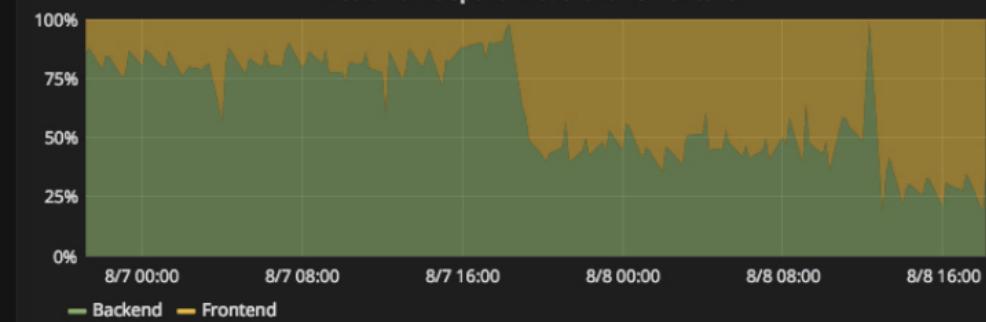
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Site Summary

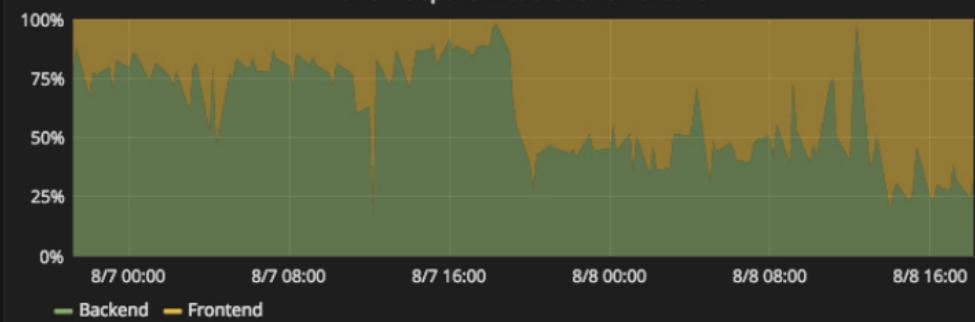
RUM Speed Index	First paint	Fully loaded	Backend time	DOM content loaded time	Frontend time
2056	1.917 s	3.14 s	789 ms	2.325 s	2.171 s
Request (max)	Request (median)	CSS request (max)	Javascript request (max)	Image request (max)	Domains (max)
53	53	4	12	29	9



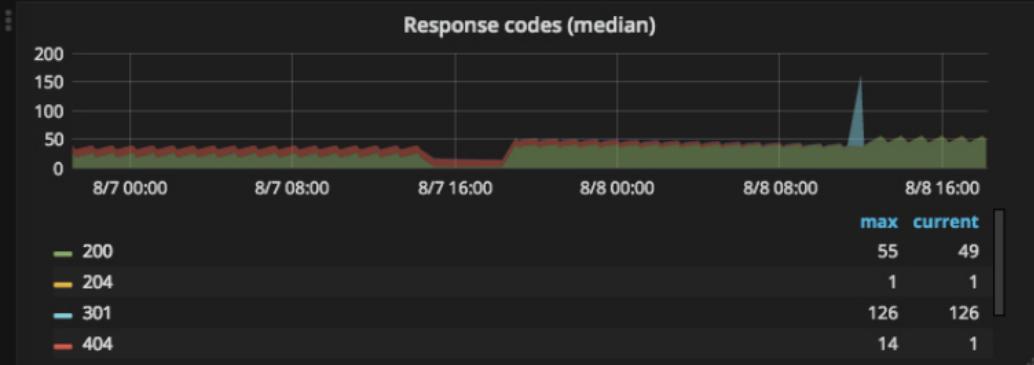
Median time spent in backend vs frontend



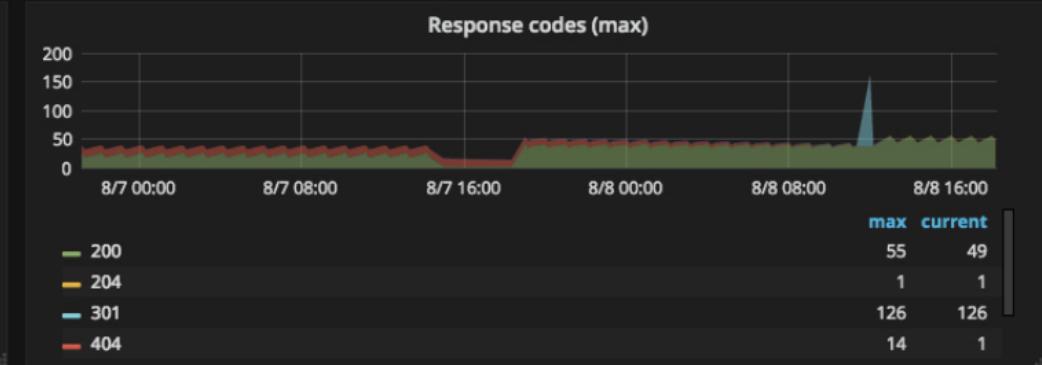
Max time spent in backend vs frontend



Response codes (median)



Response codes (max)



Chrome only

Total transfer size (max)

334 KiB

Total content size (max)

1.052 MiB

Total CSS transfer size (max)

72.1 KiB

Total CSS content size (max)

411 KiB

Total JS transfer size (max)

117.7 KiB

Total JS content size (max)

452 KiB

46.101.213.186

Page Summary

First paint

2.843 s

RUMSpeedIndex

2922

FullyLoaded

3.82 s

Requests

41

Transfer size

393 KiB

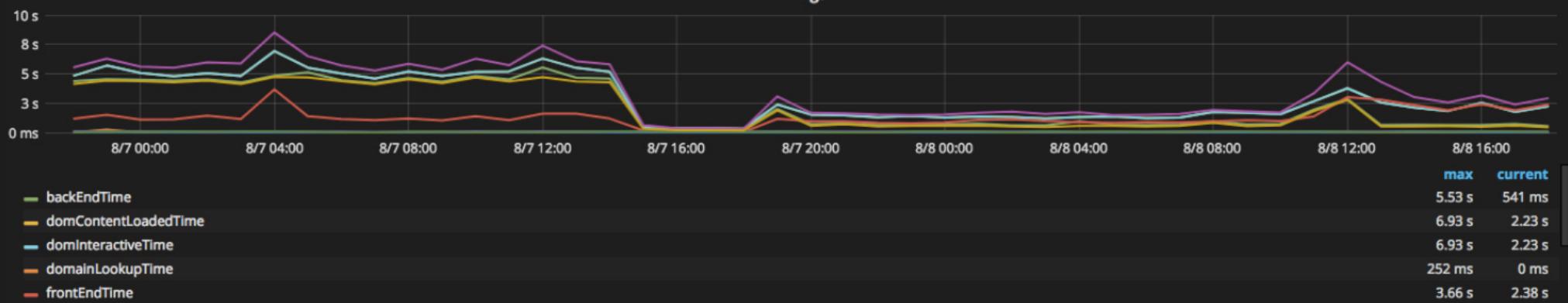
Domains

8

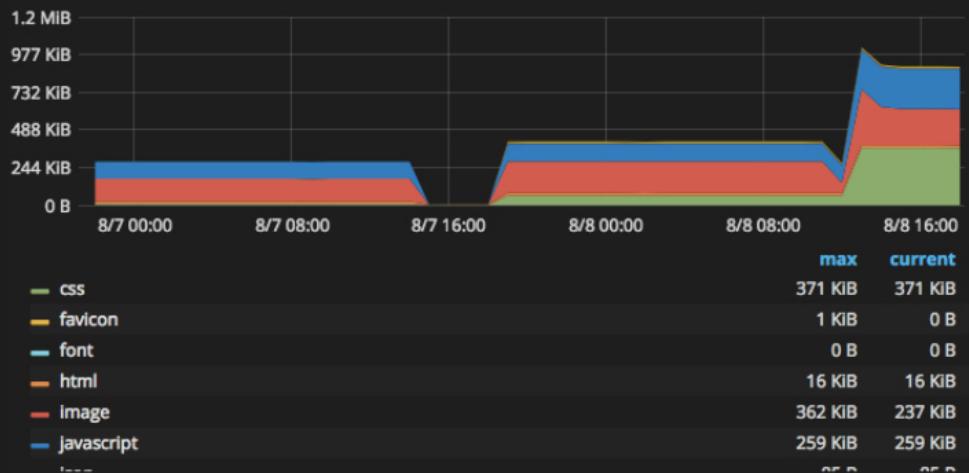
Performance score

75

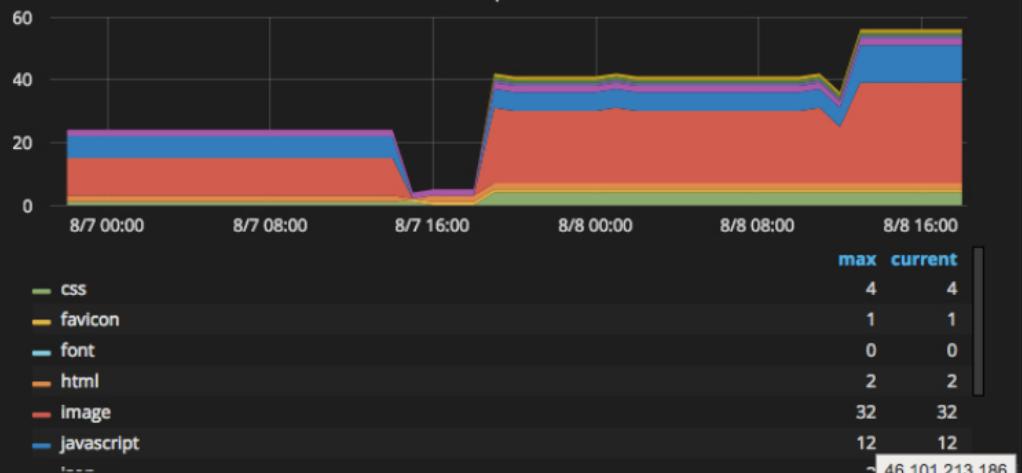
Timings

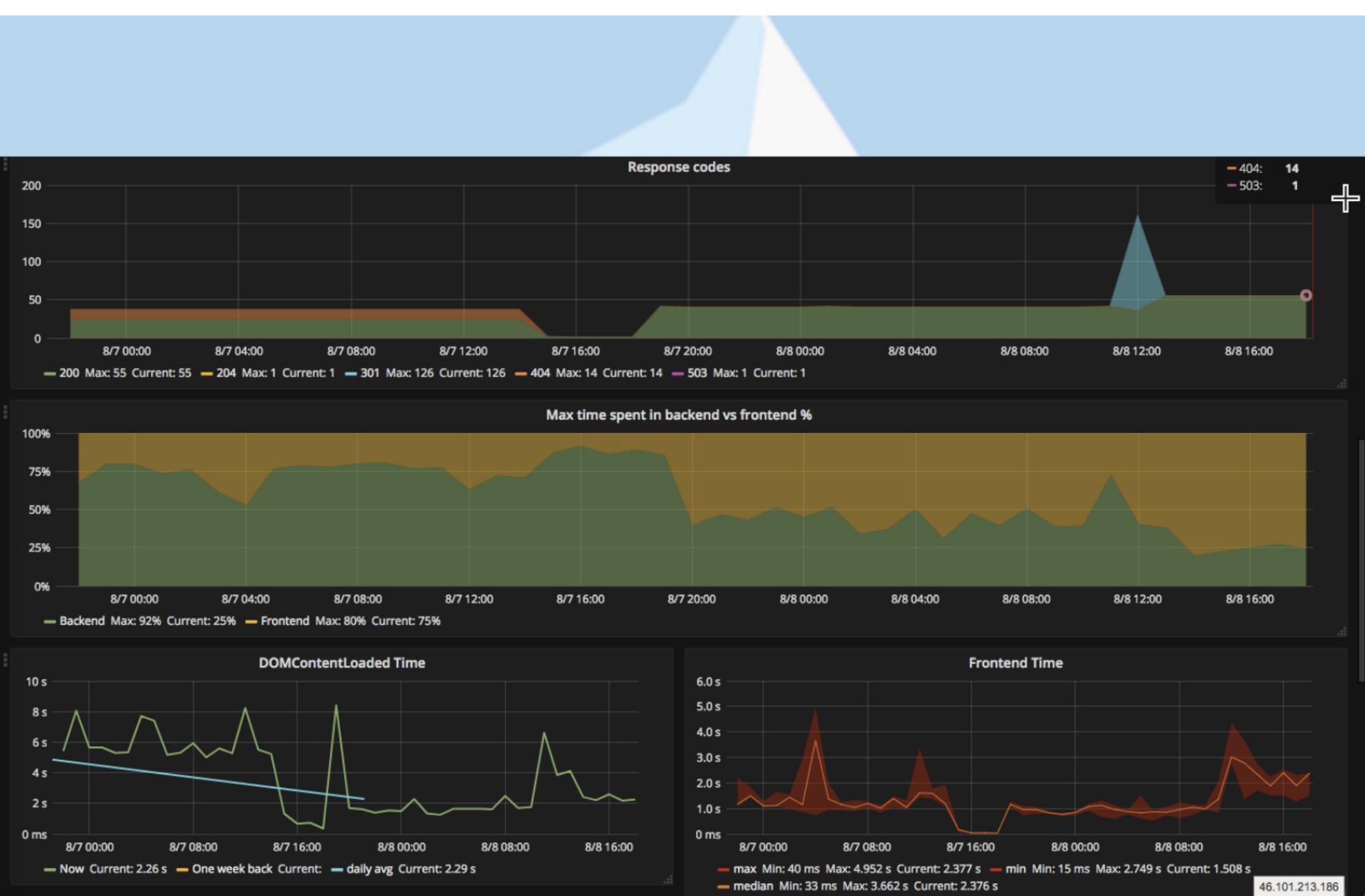


Size



Requests





Takeaways

Run Mage.coach before && After every release && Compare
rumSpeedIndex = low number (500-1500)
Score = high number (80-100)
Don't forget Mobile !!!



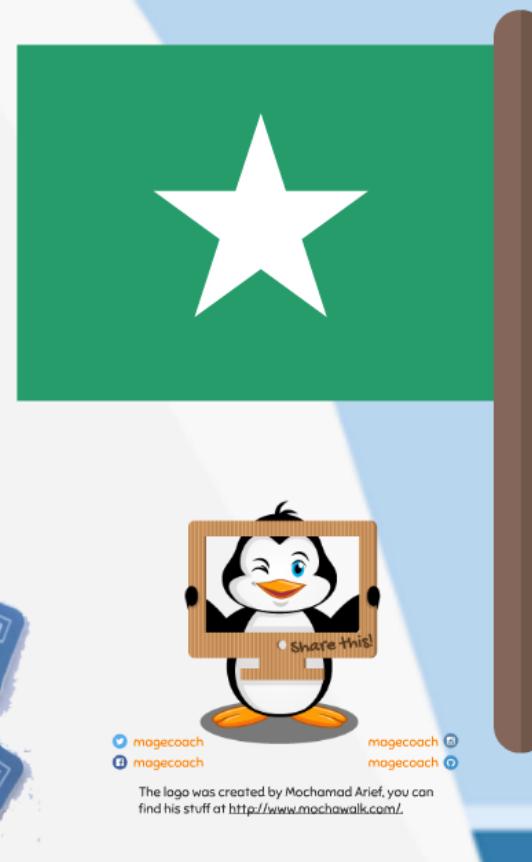


Stickers



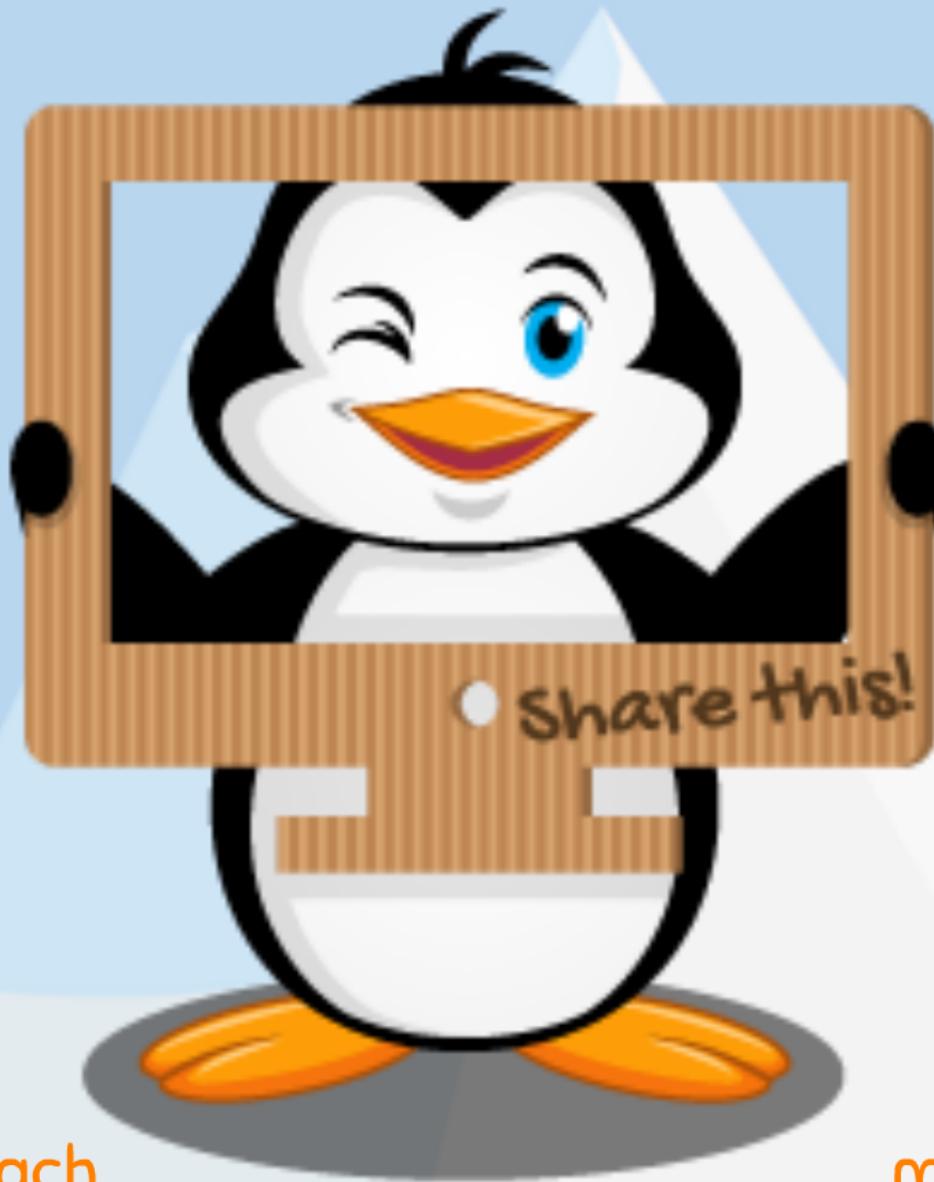
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contribute!



The logo was created by Mochamad Arief, you can find his stuff at <http://www.mochawalk.com/>.

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Creative Contributions by:



Ray Bogman

- Magento Evangelist
- Trainer
- Performance nerd
- Security geek
- SEO freak



@raybogman
@supportdesknu



<https://www.linkedin.com/in/raybogman>

The image shows a screenshot of the SupportDesk website. At the top, there is a logo featuring a red hexagon with a white cross inside, followed by the text "SupportDesk" in bold black and orange letters, and "Support voor Magento en Joomla!" below it. Below the logo, there is a cartoon character of a person in an orange jumpsuit and yellow hard hat holding a wrench. To the right of the character, there are two columns of service offerings, each preceded by a green checkmark. The left column includes: Performance optimalisatie, Theming, templating, Maatwerk training, SEO, SEM, SEA, Consultancy, and Load testing. The right column includes: Upgrade, Migratie, Security, Hosting, Mobile, and APK. At the bottom, there is a call-to-action button with the text "Meer weten? www.supportdesk.nu Of bel 020-337 5961".