



Measure your  
Magento Performance



MAGE.COACH

Meet Magento®

#MM17PL





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KRAKÓW PL  
Meet Magento™

September 18th-19th 2017

Cracow, Stara Zajezdnia

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# Measure your Magento Performance



with

# MAGE.COACH

Meet Magento™

KRAKÓW PL

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**MAGE.COACH**

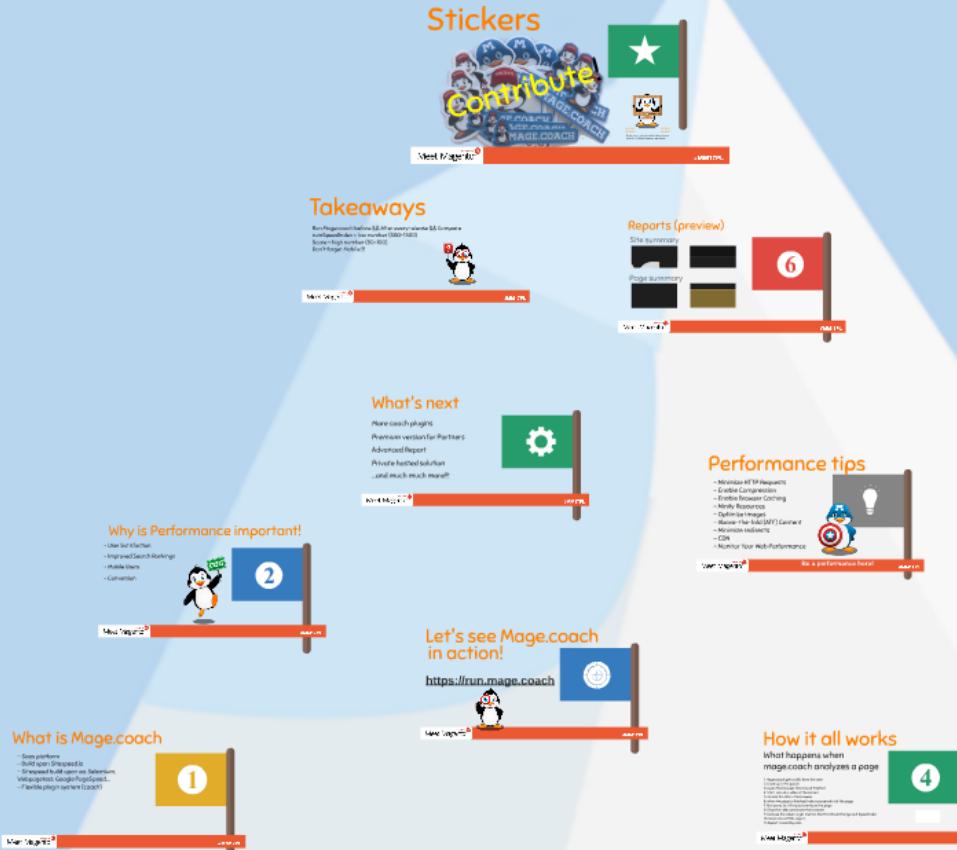
Meet Magento®

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# What is Mage.coach

- SaaS platform
- Build upon Sitespeed.io
- 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

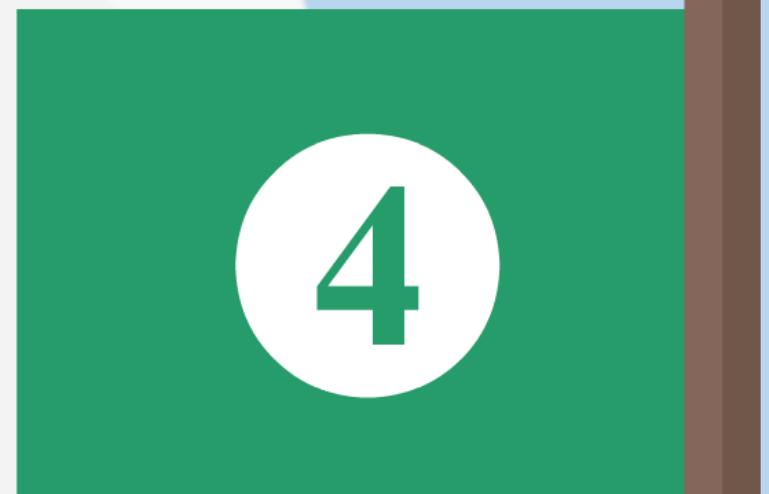
- Minimize HTTP Requests
- Enable Compression
- Enable Browser Caching
- Minify Resources
- Optimize Images
- Above-the-fold (ATF) Content
- Minimize redirects
- CDN
- Monitor Your Web Performance



# How it all works

What happens when  
mage.coach analyzes a page

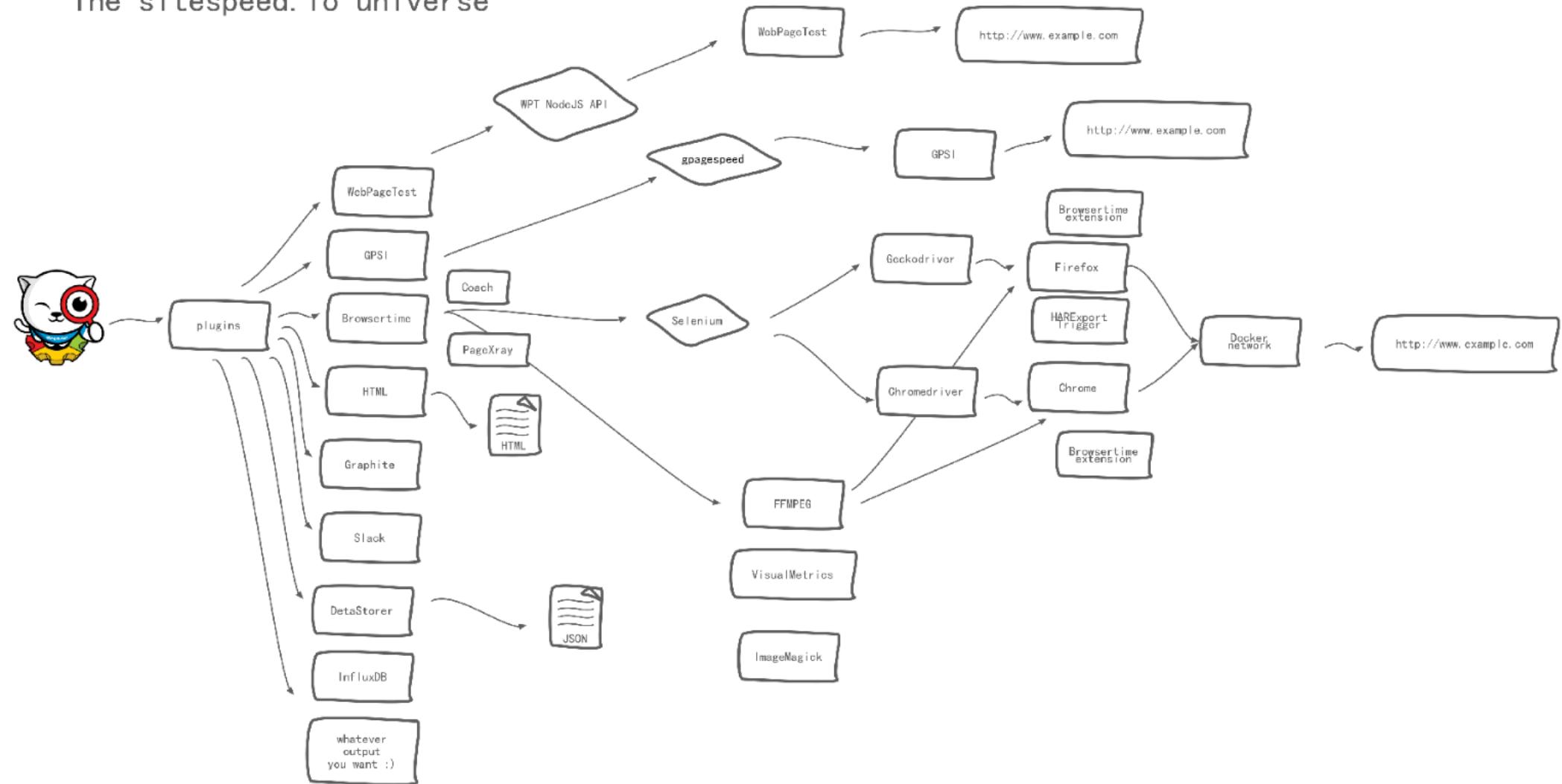
1. Mage.coach gets a URL from the user
2. Lines up in the queue
3. Open the browser (Chrome or FireFox)
4. Start record a video of the screen
5. Access the URL in the browser
6. When the page is finished, take a screenshot of the page
7. Run some JavaScripts to analyze the page
8. Stop the video and 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

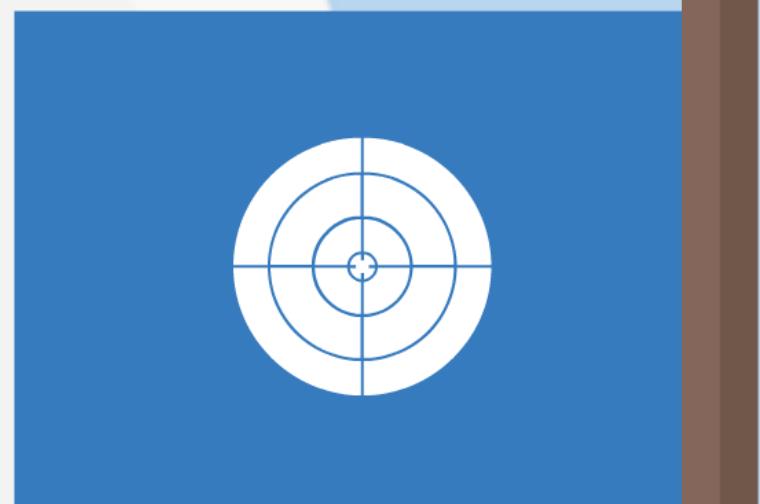
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## The sitespeed.io universe



# Let's see Mage.coach in action!

<https://run.mage.coach>



# 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



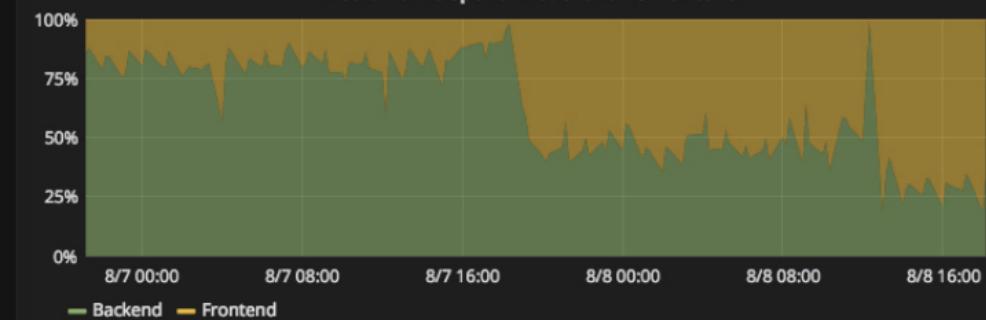
6

# Site Summary

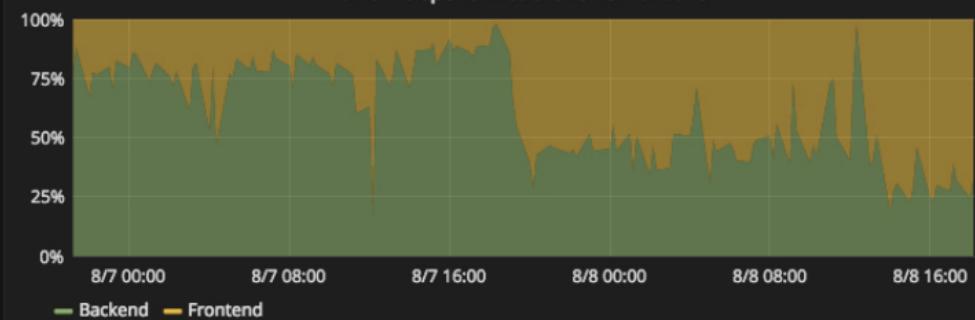
RUM Speed Index	First paint	Fully loaded	Backend time	DOM content loaded time	Frontend time
<b>2056</b>	<b>1.917 s</b>	<b>3.14 s</b>	<b>789 ms</b>	<b>2.325 s</b>	<b>2.171 s</b>
Request (max)	Request (median)	CSS request (max)	Javascript request (max)	Image request (max)	Domains (max)
<b>53</b>	<b>53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



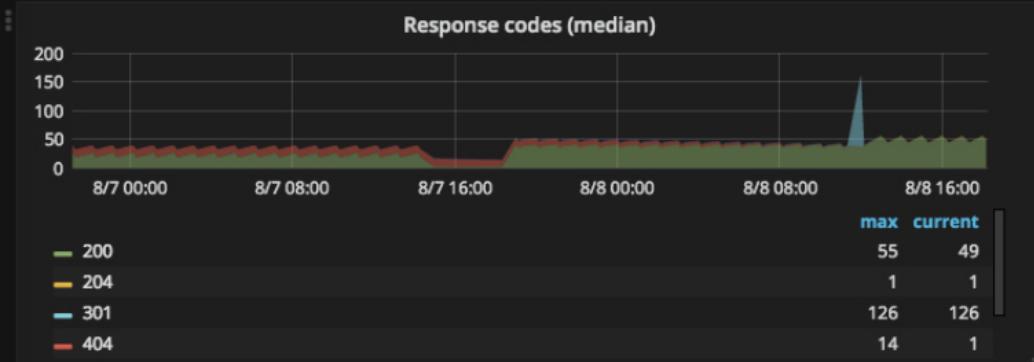
Median time spent in backend vs frontend



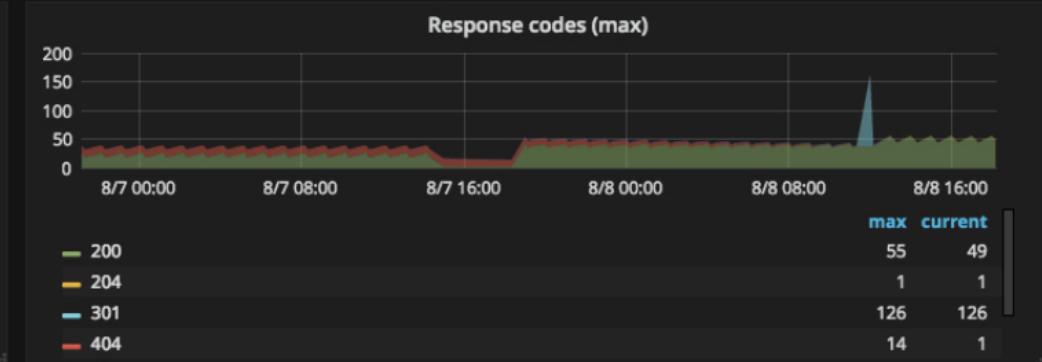
Max time spent in backend vs frontend



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**

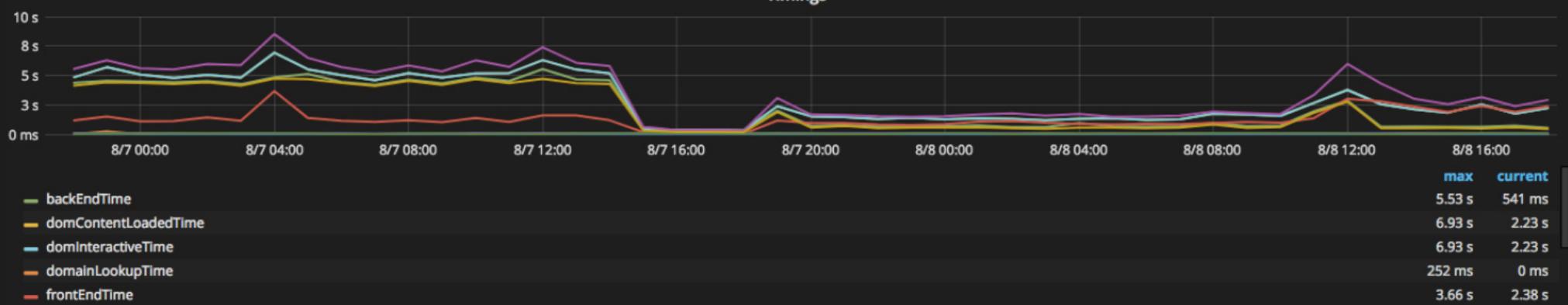
Domains

**8**

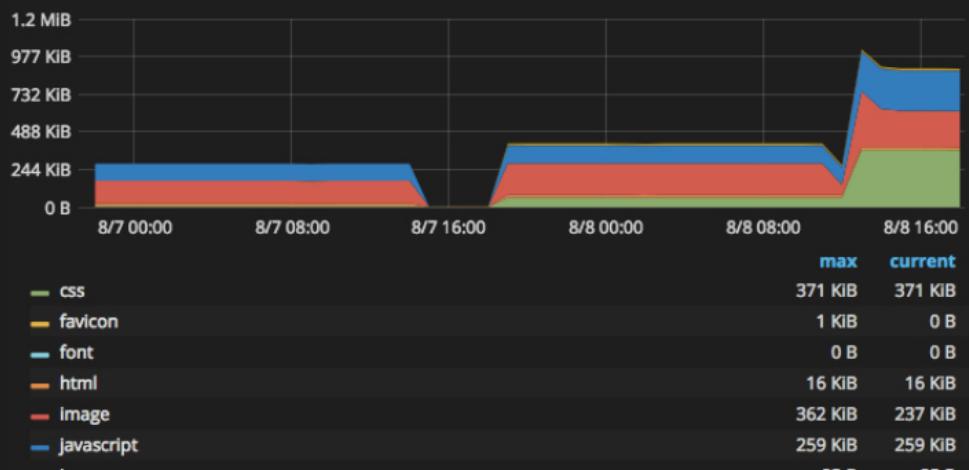
Performance score

**75**

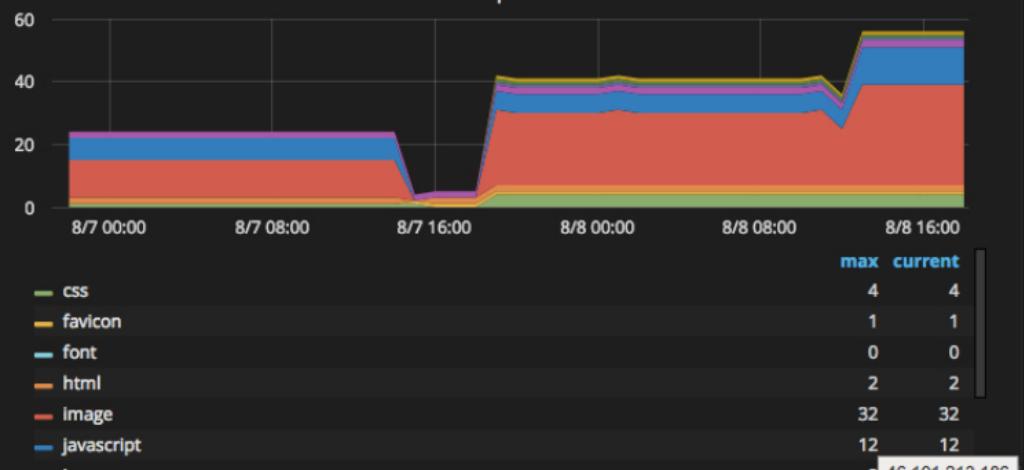
## Timings

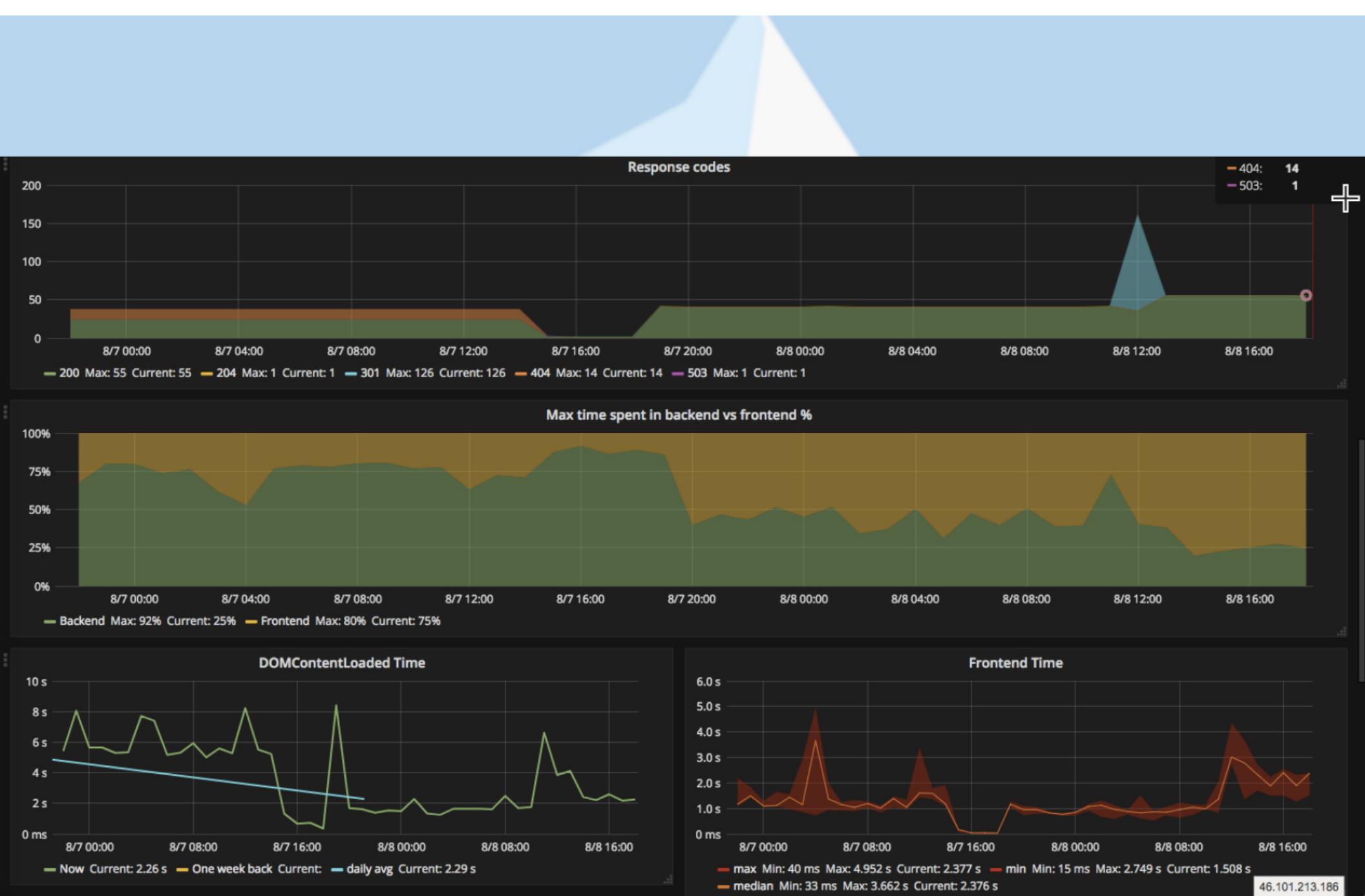


## Size



## Requests





# Takeaways

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

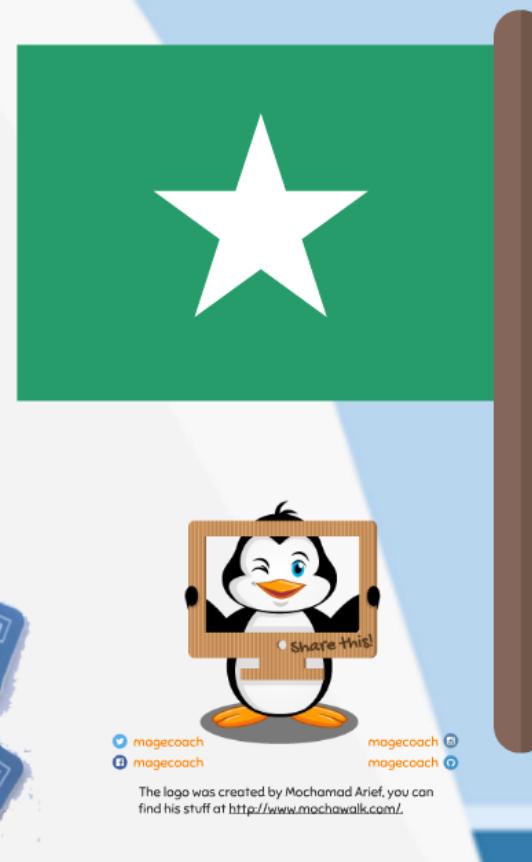




# Stickers



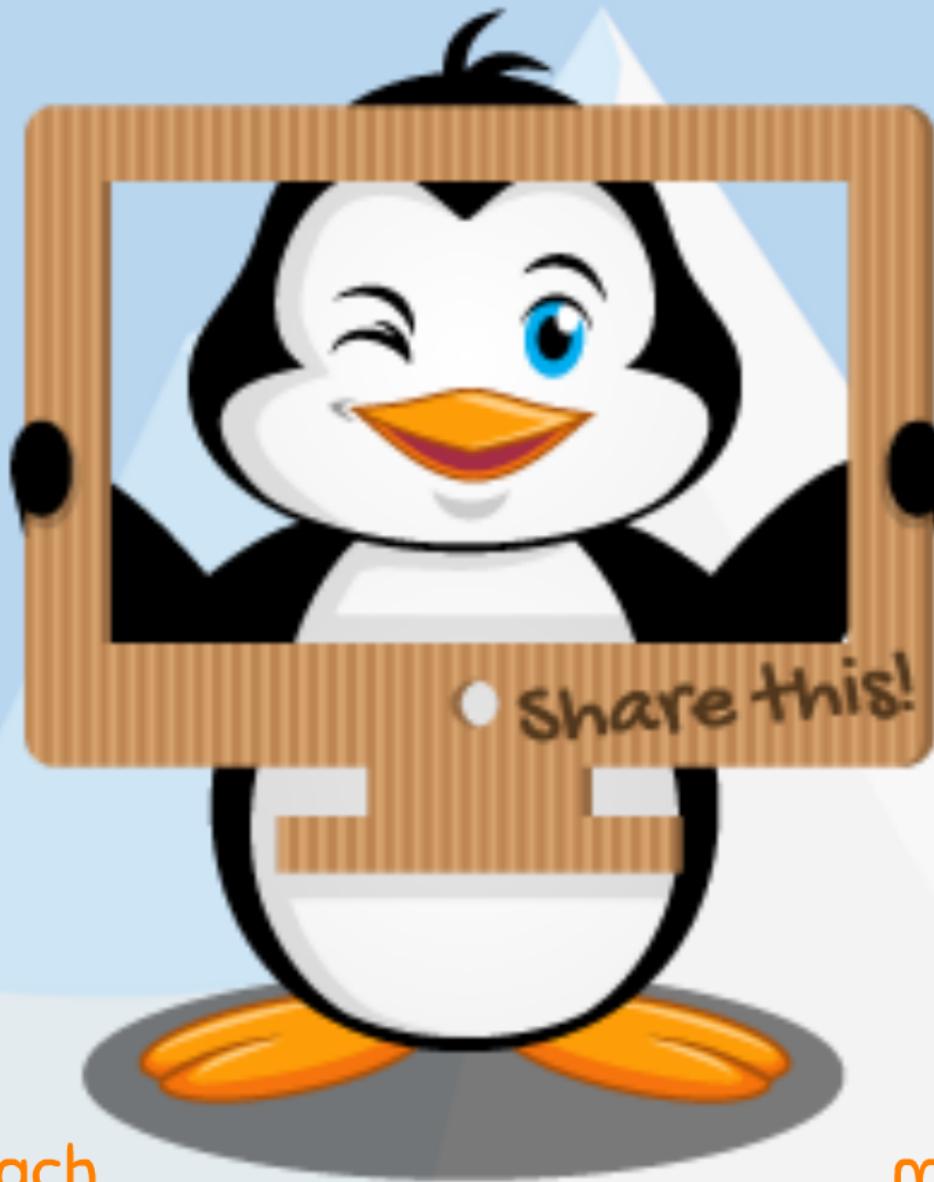
contribute!



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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



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The banner for SupportDesk, a company that provides support for Magento and Joomla. It features a cartoon character of a person in an orange jumpsuit and yellow hard hat holding a wrench. The text "SupportDesk" is in large bold letters, with "Support voor Magento en Joomla!" below it. A list of services is shown with checkmarks: Performance optimisatie, Theming, templating, Maatwerk training, SEO, SEM, SEA, Consultancy, Upgrade, Migratie, Security, Hosting, Mobile, and APK. Logos for Magento and Joomla are at the bottom.

Meer weten? [www.supportdesk.nu](http://www.supportdesk.nu) Of bel 020-337 5961