Executive Summary



Performance Report for:

http://54.207.12.236/

Report generated: Mon, Apr 11, 2016, 5:19 PM -0700

Test Server Region: ▶ Vancouver, Canada

YSlow 3.1.8

PageSpeed Score

B(82%) •

YSlow Score

D(69%) ~

Page Load Time

4.3s ^

Total Page Size

3.73MB ~

Requests

90 🕶

Top 5 Priority Issues

Defer parsing of JavaScript	F (0)	✓ AVG SCORE: 55%	JS	HIGH
Specify image dimensions	F (25)	➤ AVG SCORE: 49%	IMA GES	HIGH
Serve scaled images	F (48)	➤ AVG SCORE: 80%	IMA GES	HIGH
Prefer asynchronous resources	C (70)	➤ AVG SCORE: 97%	JS	MEDIUM
Leverage browser caching	C (75)	AVG SCORE: 65%	SERVER	HIGH

How does this affect me?

Studies show that users leave a site if it hasn't loaded in 4 seconds; keep your users happy and engaged by providing a fast performing website.

As if you didn't need more incentive, Google has announced that they are using page speed in their ranking algorithm.

About GTmetrix

We can help you develop a faster, more efficient, and all-around improved website experience for your users. We use Google PageSpeed and Yahoo! YSlow to grade your site's performance and provide actionable recommendations to fix these issues.

About the Developer



GTmetrix is developed by the good folks at **GT.net**, a Vancouver-based performance hosting company with over 20 years experience in web technology.

https://gt.net/

What do these grades mean?

This report is an analysis of your site with Google and Yahoo!'s metrics for how to best develop a site for optimized speed. The **grades you see represent** how well the scanned URL adheres to those rules.

Lower grades (C or lower) mean that the page can stand to be faster using better practices and optimizing your settings.

What's in this report?

This report covers basic to technical analyses on your page. It is categorized under many headings:

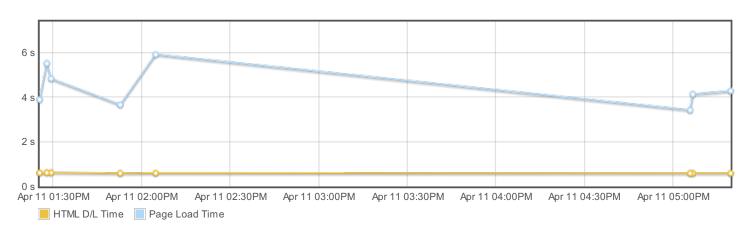
- Executive: Overall score information and Priority Issues
- History: Graphed history of past performance
- Waterfall: Graph of your site's loading timeline
- Technical: In-depth PageSpeed & YSlow information

These will provide you with a snapshot of your performance.

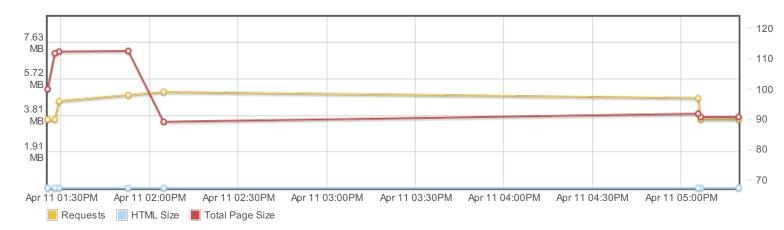


History

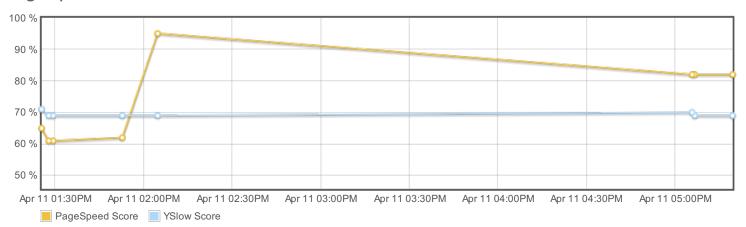
Page load times



Page sizes and request counts



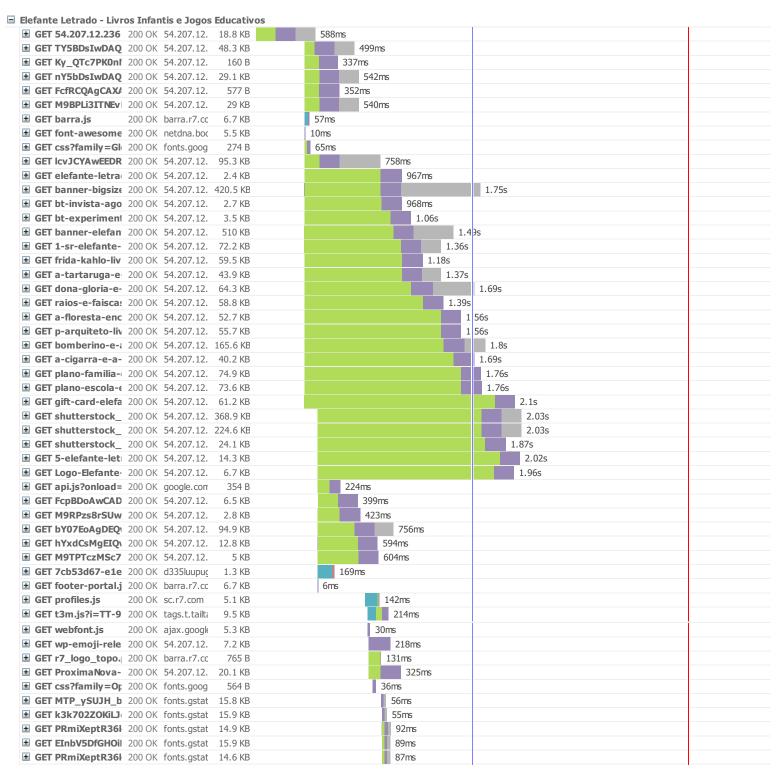
PageSpeed and YSlow scores





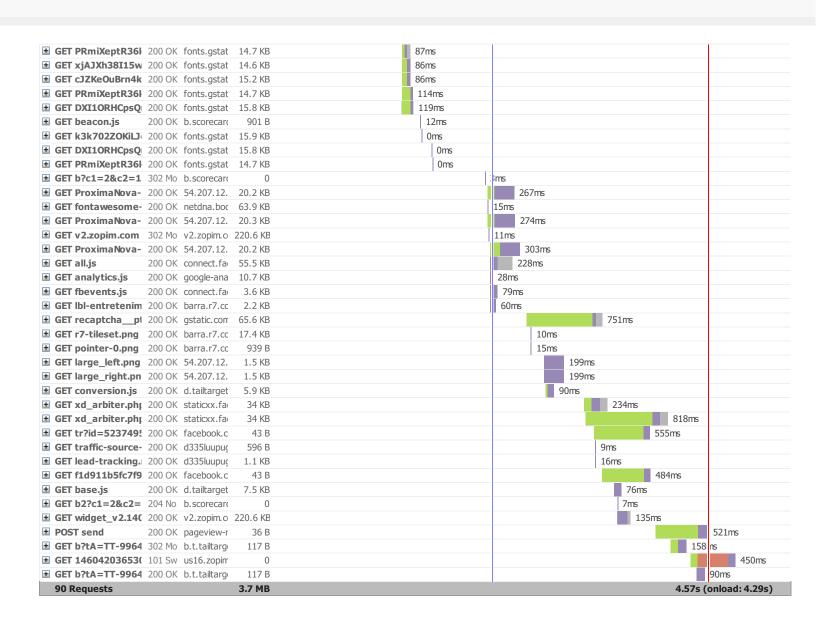
Waterfall Chart

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.





Waterfall Chart





PageSpeed Recommendations

PageSpeed Recommendations

Defor parsing of JavaScript	RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Serve scaled images	Defer parsing of JavaScript	F (0)	✓ AVG SCORE: 55%	JS	HIGH
Prefer asynchronous resources C(70) A AVG SCORE 67% SERVER HGH Specify a character set early Minimize redirects Optimize the order of styles and scripts Server resources from a consistent URL Specify a character set validator Specify a Vary: Accept-Encoding header Optimize images A (86) A AVG SCORE 67% A (86) A AVG SCORE 67% SERVER HGH CONITENT	Specify image dimensions	F (25)	❤ AVG SCORE: 49%	IMA GES	HIGH
Leverage browser caching	Serve scaled images	F (48)	❤ AVG SCORE: 80%	IMA GES	HIGH
Specify a character set early 3(80) ✓ AVG SCORE 97% CONTENT High Minimize redirects 8(82) ✓ AVG SCORE 92% CONTENT High Optimize the order of styles and scripts 8(82) ✓ AVG SCORE 93% CSSUS High Serve resources from a consistent URL A(82) ✓ AVG SCORE 94% CONTENT High Specify a cache validator A(83) ✓ AVG SCORE 92% SERVER High Specify a Vary: Accept-Encoding header A(85) ✓ AVG SCORE 92% SERVER High Optimize images A(80) ✓ AVG SCORE 96% CONTENT High Remove query strings from static resources A(80) ✓ AVG SCORE 96% CONTENT High Enable gzip compression A(87) ✓ AVG SCORE 97% SERVER High Minify CSS A(80) ✓ AVG SCORE 97% SERVER High Minify JavaScript A(80) ✓ AVG SCORE 97% CSS High Minify LTML A(80) ✓ AVG SCORE 97% CONTENT High Avoid a character set in the meta tag	Prefer asynchronous resources	C (70)	₩ AVG SCORE: 97%	JS	MEDIUM
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	Combine images using CSS sprites	A (100)	▲ AVG SCORE: 84%	IMAGES	MEDIUM



YSlow Recommendations

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	F (0)	♦ AVG SCORE: 28%	SERVER	HIGH
Make fewer HTTP requests	F (0)	♦ AVG SCORE: 38%	CONTENT	HIGH
Use a Content Delivery Network (CDN)	F (0)	♦ AVG SCORE: 13%	SERVER	MEDIUM
Use cookie-free domains	F (0)	❤ AVG SCORE: 46%	COOKIE	LOW
Compress components with gzip	D (67)	♦ AVG SCORE: 74%	SERVER	HIGH
Reduce DNS lookups	F (25)	➤ AVG SCORE: 74%	CONTENT	LOW
Configure entity tags (ETags)	F (23)	♦ AVG SCORE: 77%	SERVER	LOW
Minify JavaScript and CSS	C (70)	♦ AVG SCORE: 71%	CSS/JS	MEDIUM
Avoid URL redirects	C (70)	♦ AVG SCORE: 87%	CONTENT	MEDIUM
Avoid empty src or href	A (100)	♦ AVG SCORE: 100%	CONTENT	HIGH
Make AJAX cacheable	A (100)	♦ AVG SCORE: 100%	JS	MEDIUM
Put CSS at the top	A (100)	♦ AVG SCORE: 100%	CSS	MEDIUM
Remove duplicate JavaScript and CSS	A (100)	♦ AVG SCORE: 100%	CSS/JS	MEDIUM
Put JavaScript at bottom	A (100)	♦ AVG SCORE: 100%	JS	MEDIUM
Avoid AlphalmageLoader filter	A (100)	♦ AVG SCORE: 98%	CSS	MEDIUM
Avoid HTTP 404 (Not Found) error	A (100)	♦ AVG SCORE: 99%	CONTENT	MEDIUM
Reduce the number of DOM elements	A (100)	▲ AVG SCORE: 92%	CONTENT	LOW
Do not scale images in HTML	A (100)	♦ AVG SCORE: 100%	IMAGES	LOW
Use GET for AJAX requests	A (100)	♦ AVG SCORE: 100%	JS	LOW
Avoid CSS expressions	A (100)	♦ AVG SCORE: 98%	CSS	LOW
Reduce cookie size	A (100)	♦ AVG SCORE: 100%	COOKIE	LOW
Make favicon small and cacheable	A (100)	♦ AVG SCORE: 100%	IMA GES	LOW
Make JavaScript and CSS external	(n/a)		CSS/JS	MEDIUM