

The web should be fast.

Executive Summary

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Home About Hist	ory - What's On - Article	s) Talks: Conlact:	Resources :	
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Performance Report for:

http://www.raggeduniversity.co.uk/

Report generated: Tue, Apr 5, 2016, 8:00 PM +0100 Test Server Region: I London, UK Using: Firefox (Desktop) 39.0.3, PageSpeed 1.12.16, YSlow 3.1.8

PageSpeed Score	YSlow Score
A(99/0)**	A(9570)*

Page Load Time	Total Page Size
0.5s ^	622KB ^



Top 5 Priority Issues

Remove query strings from static resources	E (53)	VG SCORE: 85%	CONTENT	HIGH
Minimize request size	C (79)	VG SCORE: 98%	CONTENT	HIGH
Specify image dimensions	A (95)	AVG SCORE: 49%	IMAGES	HIGH
Minify JavaScript	A (99)	AVG SCORE: 92%	JS	HIGH
Serve scaled images	A (99)	AVG SCORE: 81%	IMAGES	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.



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.

🛨 GET www.raggedur	200 OK raggeduniv	285.8 KB	146ms			
GET cloudflare.min	200 OK ajax.cloudf	21.1 KB	15ms			
🛨 GET dashicons.min	200 OK raggeduniv	27.8 KB		6ms		
∃ GET RU_LOGO_RGE 2	200 OK raggeduniv	3.7 KB		9ms		
🛨 GET set-theory.pn	200 OK i2.wp.com	10.9 KB		60ms		
GET Education.jpg?	200 OK i1.wp.com	12.4 KB		9ms		
🛨 GET mary-wollston	200 OK i1.wp.com	3.7 KB		8ms		
🛨 GET John-Pounds.j 🔅	200 OK i1.wp.com	41.4 KB		46ms		
🛨 GET Love-Hearts.j	200 OK i1.wp.com	25.4 KB		11ms		
🛨 GET pen.png	200 OK raggeduniv	2.2 KB		57ms		
🛨 GET sitemap.png	200 OK raggeduniv	630 B		14ms		
GET pencil.png	200 OK raggeduniv	1.5 KB		13ms		
🛨 GET Restraints-in-	200 OK i1.wp.com	11.4 KB		11ms		
🛨 GET rocket.js	200 OK raggeduniv	24.4 KB		12ms		
🛨 GET bag2?r[]=http 🛛	200 OK raggeduniv	131.5 KB			41ms	
🛨 GET bag2?r[]=http 🛛	200 OK raggeduniv	7.4 KB				39ms
🛨 GET bag2?r[]=http 🔅	200 OK raggeduniv	11 KB				7ms
17 Requests		622.3 KB				694ms (onload: 506ms)



PageSpeed Recommendations

Remove query strings from static resourcesESDA VO SCORE 28%CONTENTHGHMinimize request sizeCOVIDATIA VO SCORE 28%CONTENTHGHSpecify image dimensionsA VO SCORE 28%JAHGHMinify JavaScriptA VO SCORE 28%JAHGHServe scaled imagesA VO SCORE 28%JAHGHMinify JavaScriptA VO SCORE 28%CONTENTHGHA VOID CORE 28%CONTENTHGHA VO SCORE 28%CONTENTA VOID CORE 28%CONTENTHGHA VOID SCORE 28%SERVERA VOID CORE 28%CONTENTHGHA VOID SCORE 28%SERVERA VOID CORE 28%CONTENTHGHA VOID SCORE 28%SERVERInline small CSSA VOID CORE 28%CONTENTHGHInline small CSSA VOID SCORE 29%SERVERHGHInline small CSSA VOID CORE 29%CONTENTHGHInline small CSSA VOID SCORE 29%CONTENTHGHInline small CSSA VOID CORE 29%CONTENTHGHInline small CSS	RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
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	Prefer asynchronous resources	A (100)	♦ AVG SCORE: 97%	JS	MEDIUM



YSlow Recommendations

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Use a Content Delivery Network (CDN)	F (40)	AVG SCORE: 12%	SERVER	MEDIUM
Avoid AlphalmageLoader filter	F (20)	VG SCORE: 98%	CSS	MEDIUM
Use cookie-free domains	D (65)	AVG SCORE: 46%	COOKIE	LOW
Avoid CSS expressions	B (86)	VG SCORE: 98%	CSS	LOW
Avoid empty src or href	A (100)	♦ AVG SCORE: 100%	CONTENT	HIGH
Add Expires headers	A (100)	AVG SCORE: 27%	SERVER	HIGH
Make fewer HTTP requests	A (100)	AVG SCORE: 37%	CONTENT	HIGH
Compress components with gzip	A (100)	AVG SCORE: 74%	SERVER	HIGH
Minify JavaScript and CSS	A (100)	AVG SCORE: 71%	CSS/JS	MEDIUM
Avoid URL redirects	A (100)	AVG SCORE: 86%	CONTENT	MEDIUM
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 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
Reduce DNS lookups	A (100)	AVG SCORE: 74%	CONTENT	LOW
Reduce cookie size	A (100)	♦ AVG SCORE: 100%	COOKIE	LOW
Make favicon small and cacheable	A (100)	♦ AVG SCORE: 100%	IMAGES	LOW
Configure entity tags (ETags)	A (100)	AVG SCORE: 76%	SERVER	LOW
Make JavaScript and CSS external	(n/a)		CSS/JS	MEDIUM