

Performance Report for: <https://integral.co.uk/>

Report generated: Fri, Jan 1, 2021 1:56 PM +0000

Test Server Location: London, UK

Using: Chrome (Desktop) 86.0.4240.193, Lighthouse 6.3.0

D	Performance 52%	Structure 91%
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L. Contentful Paint 2.7s	T. Blocking Time 336ms	C. Layout Shift 0.66
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Top Issues

IMPACT	AUDIT	
High	Reduce initial server response time	Root document took 840 ms
Med	Avoid large layout shifts	5 elements found
Med-Low	Use a Content Delivery Network (CDN)	37 resources found
Med-Low	Serve static assets with an efficient cache policy	41 resources found
Low	Use passive listeners to improve scrolling performance	

Page Details



Total Page Size - 2.00MB



How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

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

Total Page Requests - 62



ranking algorithm.

About GTmetrix

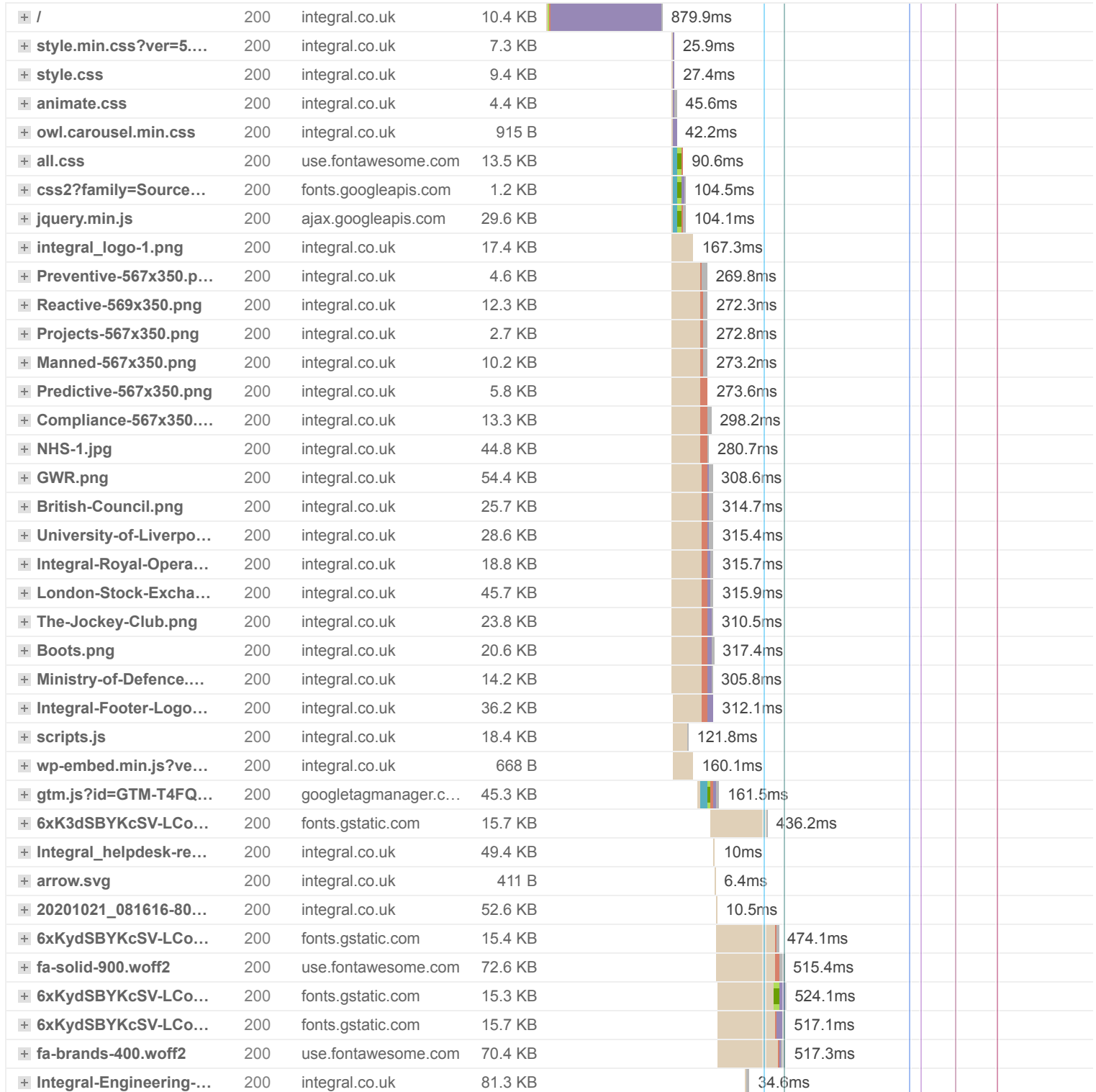


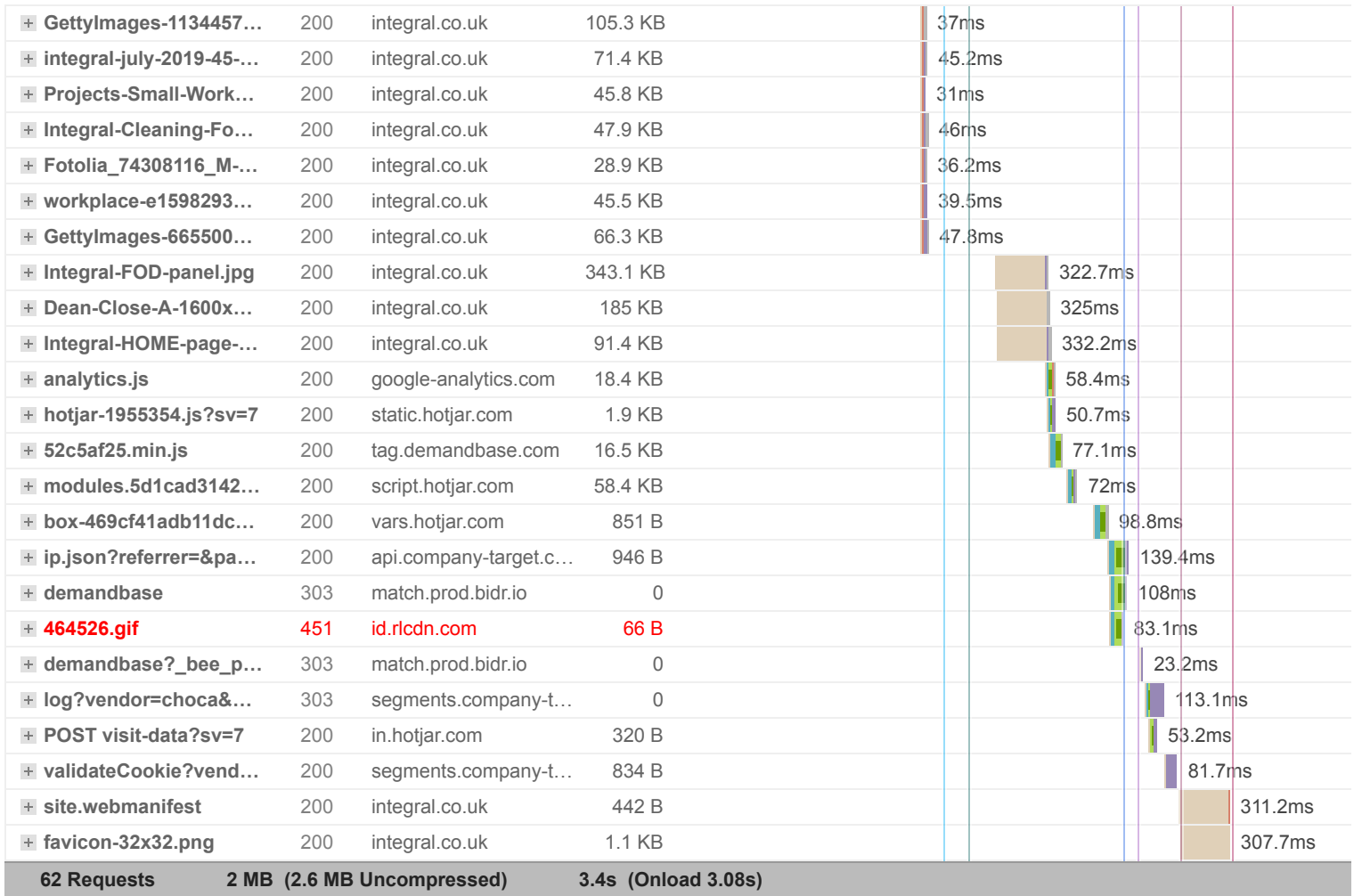
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 25 years experience in web technology.

<https://carbon60.com/>

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.

Building Services - Integral







Performance Metrics

<h3>First Contentful Paint</h3> <p>How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.</p>	<p>Much longer than recommended</p> <p>1.6s</p>	<h3>Time to Interactive</h3> <p>How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.</p>	<p>OK, but consider improvement</p> <p>2.8s</p>
<h3>Speed Index</h3> <p>How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.</p>	<p>Longer than recommended</p> <p>2.2s</p>	<h3>Total Blocking Time</h3> <p>How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.</p>	<p>Longer than recommended</p> <p>336ms</p>
<h3>Largest Contentful Paint</h3> <p>How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.</p>	<p>Much longer than recommended</p> <p>2.7s</p>	<h3>Cumulative Layout Shift</h3> <p>How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.</p>	<p>Much more than recommended</p> <p>0.66</p>

Browser Timings

Redirect	0ms	Connect	28ms	Backend	0.8s
TTFB	0.9s	First Paint	1.6s	DOM Int.	1.8s
DOM Loaded	1.8s	Onload	3.1s	Fully Loaded	3.4s

IMPACT	AUDIT	
High	Reduce initial server response time	Root document took 840 ms
Med	Avoid large layout shifts	5 elements found
Med-Low	Use a Content Delivery Network (CDN)	37 resources found
Med-Low	Serve static assets with an efficient cache policy	41 resources found
Low	Use passive listeners to improve scrolling performance	
Low	Avoid long main-thread tasks	8 long tasks found
Low	Reduce JavaScript execution time	0.8 s
Low	Avoid chaining critical requests	13 chains found
Low	Avoid enormous network payloads	Total size was 2,048 KiB
Low	Ensure text remains visible during webfont load	
Low	Serve images in next-gen formats	Potential savings of 815 KiB
Low	Avoid an excessive DOM size	516 elements
Low	Properly size images	Potential savings of 706 KiB
Low	Efficiently encode images	Potential savings of 265 KiB
Low	Remove unused CSS	Potential savings of 13 KiB
Low	Defer offscreen images	Potential savings of 457 KiB

Low	Remove unused JavaScript	Potential savings of 59 KiB
N/A	Largest Contentful Paint element	1 element found
N/A	Minimize main-thread work	2.2 s
N/A	Reduce the impact of third-party code	Third-party code blocked the main thread for 140 ms
N/A	Replace large JavaScript libraries with smaller alternatives	0 large libraries found
N/A	User Timing marks and measures	