Performance Report for:

https://faramira.com/graph-based-pathfinding-using-c-in-unity/

Report generated: Mon, Aug 16, 2021 7:21 AM -0700
Test Server Location: Vancouver, Canada
Using: Chrome (Desktop) 90.0.4430.212, Lighthouse 7.4.0

A	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	100%	96%	330ms	0ms	0

Top Issues

IMPACT	AUDIT	
Med	**Avoid an excessive DOM size**	1,635 elements
Med-Low	**Lazy load third-party resources with facades**	1 facade alternative available
Low	**Use a Content Delivery Network (CDN)**	1 resource found
Low	**Serve static assets with an efficient cache policy**	Potential savings of 28.8KB
Low	**Serve images in next-gen formats**	Potential savings of 13.3KB

Page Details

7.5s
Fully Loaded Time

Total Page Size - 0.96MB

Total Page Requests - 41

HTML JS CSS IMG Video Font Other

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 ranking algorithm.**

About GTmetrix

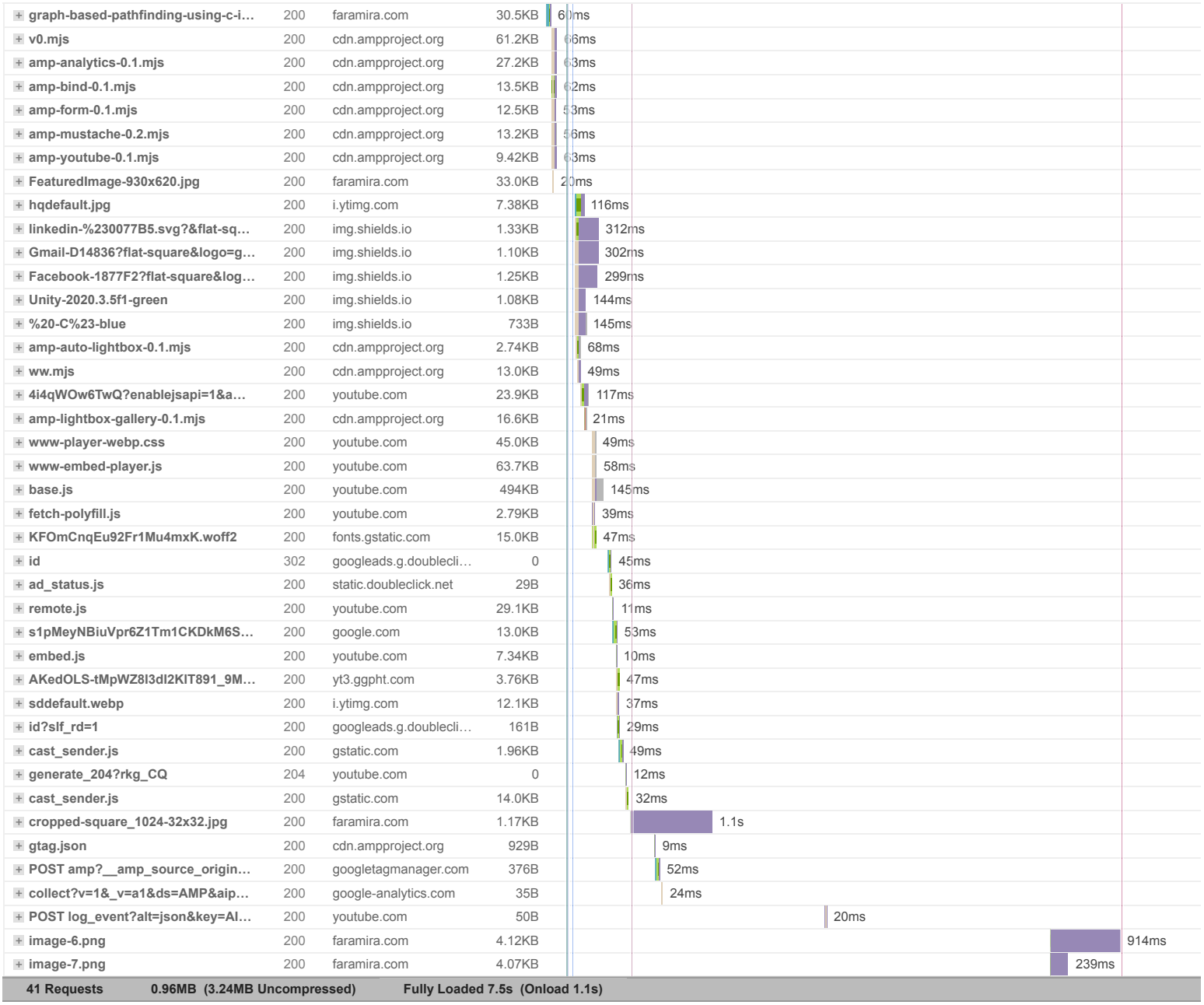
CARBON60
THE MANAGED CLOUD COMPANY

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

https://carbon60.com/

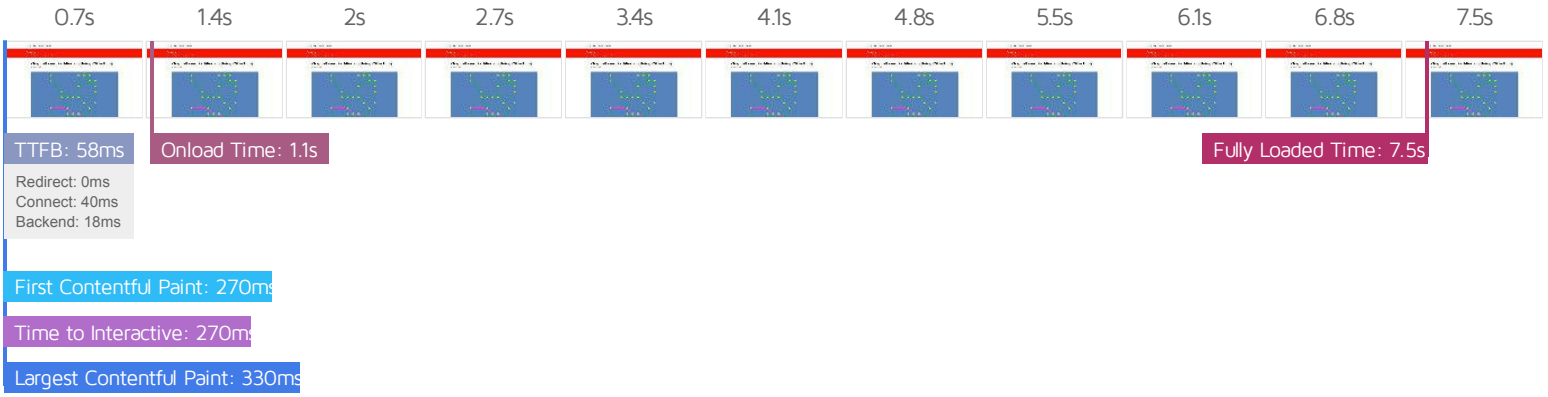
The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Graph-Based Pathfinding Using C# in Unity | Faramira



graph-based-pathfinding-using-c-i…	200	faramira.com	30.5KB	60ms
v0.mjs	200	cdn.ampproject.org	61.2KB	66ms
amp-analytics-0.1.mjs	200	cdn.ampproject.org	27.2KB	63ms
amp-bind-0.1.mjs	200	cdn.ampproject.org	13.5KB	62ms
amp-form-0.1.mjs	200	cdn.ampproject.org	12.5KB	53ms
amp-mustache-0.2.mjs	200	cdn.ampproject.org	13.2KB	56ms
amp-youtube-0.1.mjs	200	cdn.ampproject.org	9.42KB	63ms
FeaturedImage-930x620.jpg	200	faramira.com	33.0KB	20ms
hqdefault.jpg	200	i.ytimg.com	7.38KB	116ms
linkedin-%230077B5.svg?&flat-sq…	200	img.shields.io	1.33KB	312ms
Gmail-D14836?flat-square&logo=g…	200	img.shields.io	1.10KB	302ms
Facebook-1877F2?flat-square&log…	200	img.shields.io	1.25KB	299ms
Unity-2020.3.5f1-green	200	img.shields.io	1.08KB	144ms
%20-C%23-blue	200	img.shields.io	733B	145ms
amp-auto-lightbox-0.1.mjs	200	cdn.ampproject.org	2.74KB	68ms
ww.mjs	200	cdn.ampproject.org	13.0KB	49ms
4i4qWOw6TwQ?enablejsapi=1&a…	200	youtube.com	23.9KB	117ms
amp-lightbox-gallery-0.1.mjs	200	cdn.ampproject.org	16.6KB	21ms
www-player-webp.css	200	youtube.com	45.0KB	49ms
www-embed-player.js	200	youtube.com	63.7KB	58ms
base.js	200	youtube.com	494KB	145ms
fetch-polyfill.js	200	youtube.com	2.79KB	39ms
KFOmCnqEu92Fr1Mu4mxK.woff2	200	fonts.gstatic.com	15.0KB	47ms
id	302	googleads.g.doublecli…	0	45ms
ad_status.js	200	static.doubleclick.net	29B	36ms
remote.js	200	youtube.com	29.1KB	11ms
s1pMeyNBiuVpr6Z1Tm1CKDkM6S…	200	google.com	13.0KB	53ms
embed.js	200	youtube.com	7.34KB	10ms
AKedOLS-tMpWZ8I3dI2KIT891_9M…	200	yt3.ggpht.com	3.76KB	47ms
sddefault.webp	200	i.ytimg.com	12.1KB	37ms
id?slf_rd=1	200	googleads.g.doublecli…	161B	29ms
cast_sender.js	200	gstatic.com	1.96KB	49ms
generate_204?rkg_CQ	204	youtube.com	0	12ms
cast_sender.js	200	gstatic.com	14.0KB	32ms
cropped-square_1024-32x32.jpg	200	faramira.com	1.17KB	1.1s
gtag.json	200	cdn.ampproject.org	929B	9ms
POST amp?__amp_source_origin…	200	googletagmanager.com	376B	52ms
collect?v=1&_v=a1&ds=AMP&aip…	200	google-analytics.com	35B	24ms
POST log_event?alt=json&key=AI…	200	youtube.com	50B	20ms
image-6.png	200	faramira.com	4.12KB	914ms
image-7.png	200	faramira.com	4.07KB	239ms

41 Requests **0.96MB (3.24MB Uncompressed)** **Fully Loaded 7.5s (Onload 1.1s)**



Performance Metrics

First Contentful Paint

Good - Nothing to do here

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

270ms

Time to Interactive

Good - Nothing to do here

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

270ms

Speed Index

Good - Nothing to do here

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

323ms

Total Blocking Time

Good - Nothing to do here

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

0ms

Largest Contentful Paint

Good - Nothing to do here

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.

330ms

Cumulative Layout Shift

Good - Nothing to do here

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

0

Browser Timings

Redirect	0ms	Connect	40ms	Backend	18ms
TTFB	58ms	DOM Int.	253ms	DOM Loaded	253ms
First Paint	270ms	Onload	1.1s	Fully Loaded	7.5s

IMPACT	AUDIT	
Med	**Avoid an excessive DOM size**	1,635 elements
Med-Low	**Lazy load third-party resources with facades**	1 facade alternative available
Low	**Use a Content Delivery Network (CDN)**	1 resource found
Low	**Serve static assets with an efficient cache policy**	Potential savings of 28.8KB
Low	**Serve images in next-gen formats**	Potential savings of 13.3KB
Low	**Avoid enormous network payloads**	Total size was 0.96MB
Low	**Properly size images**	Potential savings of 4.12KB
Low	**Avoid long main-thread tasks**	1 long task found
Low	**Reduce JavaScript execution time**	184ms spent executing JavaScript
Low	**Reduce initial server response time**	Root document took 18ms
Low	**Remove duplicate modules in JavaScript bundles**	Potential savings of 16.0KB
Low	**Avoid chaining critical requests**	1 chain found
Low	**Reduce unused JavaScript**	Potential savings of 30.3KB
N/A	**Largest Contentful Paint element**	1 element found
N/A	**Minimize main-thread work**	Main-thread busy for 576ms
N/A	**User Timing marks and measures**	8 user timings
N/A	**Reduce the impact of third-party code**	Total size was 909KB