

Website Loading Speed

I ran the website through pingdom.com. Testing from NYC (where the server is hosted) results in about 2 seconds load time, and Stockholm about 4 seconds. Its Melbourne, Australia, that is the slowest – around 6-9 seconds.

Pingdom lists out the following performance insights, into which I will explore the red marked ones.

Grade	Suggestion
F (0)	Combine external JS
F (0)	Parallelize downloads across hostnames
F (6)	Leverage browser caching
E (54)	Serve static content from a cookieless domain
E (58)	Combine external CSS
B (80)	Minimize DNS lookups
B (84)	Minimize redirects
A (90)	Specify a Vary: Accept-Encoding header
A (93)	Remove query strings from static resources
A (97)	Minimize request size
A (100)	Avoid bad requests

Combine External JS

Pingdom reports 18 JS files served from momentsbycharlie.com, and recommends that “they should be combined into as few files as possible”.

I personally do *not* like the idea of combining the all (or most) of the js files for the usual reasons of why files are separated in the first place: to allow easy modification and change, and modularity. However I would have to investigate the rest of the site source to see if in fact it has to be this way.

However I did come across some things to do to your JS files themselves (<https://betterexplained.com/articles/speed-up-your-javascript-load-time/>) which could be worth exploring.

The above site does also mention the combination of files, and suggest the use of a script (see next paragraph) to do this, and it will solve the problem of having a one monolithic JS file – you still work on/load in the smaller JS files, but run the script each time to update the “main” js – and this is the one that the page will use.