

Improving Page Speed

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Some Principles

- Hitting the network is slow
- Big files are slow
- Browsers try to be nice to your server

The network is slow

gist.github.com/hellerbarde/2843375

Big files are slow

(slower to send, slower to process)

Browsers are nice guys

stackoverflow.com/questions/985431/max-parallel-http-connections-in-a-browser

Some Rules

- Hit the network less
- Shrink your files
- Load only your page from your server

Less Network Traffic

- Concatenate files
- Use sprites
- Enable caching headers

Shrink Files

- Remove unnecessary code
- Minify/Uglify code
- Optimize images
- Enable compression on your server

Only Serve Your Page

- Use CloudFront or another CDN to speed up delivery
- Load files asynchronously
- Lazy load other content only when needed

What I Will Cover

- Reviewing page speed
- Minifying CSS and JS code
- CloudFront for your website

DEMO

CloudFront Calculator

- calculator.s3.amazonaws.com/
- Set up CloudFront to point at your website to cache your content

Review My Code

github.com/jmargulis/pagespeeddemo

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