

# CSS Organization

We talked about the different approaches:

- Semantic
- BEM (incl OOCSS and similar)
- utility-first

But what about the rules and declarations in the CSS files themselves?

# Organization is needed

You quickly start noticing the problem

- Have I styled this element already?
- Where?
- Have I declared this property already?
- Where?

# CSS Organization

Some form of organization is needed

- How to order the selectors
- What files to put the selectors in
- How to order the properties in declarations

# Multiple Options

We simply do not know what is best

We only know what is worst:

- No organization

Follow the style of your team, if you have one Otherwise, create a pattern

# Preprocessors and Tooling

We will discuss preprocessors later

- They give additional options for organization
- Multiple files, nested declarations, etc

# Files

- Can you break up rules into multiple files?
  - Without tools, this should be limited
  - B/C multiple files means more downloads for client
- Should only consider rules that are contained

# Selectors

How are you organizing the different rules (by selector)

- expected page order?
- generic to specific?
- sections (globals, header, menu, etc)

Comments for boundaries help `/* comment */`

# Properties

Within a CSS Rule, how are you ordering the list of declarations?

- alphabetical? (low-value, but easy to automate in a large team)
- by purpose (display/position/box model/colors/etc)



# Enforcement

How do we make sure these conventions are followed?

- Automated tooling
- Code Reviews