

# write better CSS

Scalable, Reusable, Maintainable, Modular  
and stuff

Front End meetup Tbilisi #1 — @safareli

# Find patterns

.header

padding: 20px

.content

padding: 22px

.footer

padding: 19px

# Normalize

.header

padding: 20px

.content

padding: 20px

.footer

padding: 20px

# Abstract

```
.box
```

```
padding: 20px
```

## Bad usage

```
.header
  @extend .box
.content
  @extend .box
.footer
  @extend .box
```

```
.header,
.content,
.footer,
.box{
  padding: 20px
}
```

## Bad usage

**.header**

**p** lorem ipsum . . .

**.content**

**p** lorem ipsum . . .

**.footer**

**p** lorem ipsum . . .

## Better usage

**.header.box**

**p** lorem ipsum . . .

**.content.box**

**p** lorem ipsum . . .

**.footer.box**

**p** lorem ipsum . . .

## Utility class

```
$space-m = 20px
```

```
$space-l = 40px
```

```
.pam
```

```
padding: $space-m
```

```
.pal
```

```
padding: $space-l
```



# Usage

**.header.pam**

**p** lorem ipsum . . .

**.content.pal**

**p** lorem ipsum . . .

**.footer.pam**

**p** lorem ipsum . . .

# Responsive

```
.pam  
  padding: $space-m
```

```
.pal  
  padding: $space-l
```

```
@media screen and (min-width:30em)  
  .pam--s  
    padding: $space-m  
  .pal--s  
    padding: $space-l
```

```
@media screen and (min-width:60em)  
  .pam--m  
    padding: $space-m  
  .pal--m  
    padding: $space-l
```

```
@media screen and (min-width:90em)  
  .pam--l  
    padding: $space-m  
  .pal--l  
    padding: $space-l
```

what we want

**.header.pas.pam--s.pal--l**

**p** lorem ipsum ...

**.content.pam.pal--s**

**p** lorem ipsum ...

**.footer.pam.pal--m**

**p** lorem ipsum ...

tip

no #ID

# Responsivizer mixin

```
$g-brake = {  
  s: 30em  
  m: 60em  
  l: 90em  
}  
  
responsivize($selector)  
  $format = unquote('%s--%s')  
  $selector = unquote('.') + $selector  
  for $name, $width in $g-brake  
    +respond-to($width)  
    $name = unquote($name)  
    {s($format,$selector,$name)}  
    {block}  
  
r = responsivize
```

## Using responsivizer

```
+r(pas)  
  padding: $space-s  
+r(pam)  
  padding: $space-m  
+r(pal)  
  padding: $space-l
```

# BEM. Block, Element, Modifier

```
// *****  
//  
//   Accordion  
//  
//   -----  
//   Template (Jade)  
//   -----  
//  
//   .accordion.accordion--[light|dark]  
//     .accordion-item(.is-active)  
//       .accordion-title  
//       .accordion-content  
//     .accordion-item(.is-active)  
//       .accordion-title  
//       .accordion-content  
// *****
```

# Block

```
// -----  
//   Base  
// -----
```

```
.accordion  
  @extend .lr  
  border-top-style: solid  
  border-top-width: $b.border.width
```



# Modifiers

```
// -----  
//   Modifiers  
// -----
```

```
// ----- Theme ----- //
```

```
.accordion--light  
  border-color: $c.light.border
```

```
.accordion--dark  
  border-color: $c.dark.border
```

# States

```
// -----  
//   States  
// -----  
  
// ----- Active ----- //  
  
.accordion-item.is-active  
  .accordion-title  
    padding-bottom: 0  
    &:after  
      content: '-'  
      right: 0.1em  
.accordion-content  
  height: auto  
  padding-bottom: $b.space.s
```

# Elements

```
// -----  
//   Scaffolding  
// -----
```

```
.accordion-item  
  margin: 0  
  ...  
.accordion-title  
  cursor: pointer  
  ...  
  position: relative  
  &:after  
    color: $c.highlight  
    ...  
    line-height: 1em  
.accordion-content  
  ...
```

Questions?

10x

Front End meetup Tbilisi #1 — @safareli