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<http://github.com/mokolabs>

Getting oriented with Compass



What is Compass?

- **Framework for stylesheets**
- **Uses Haml & Sass**
- **Well, really just Sass**
- **Lightweight**

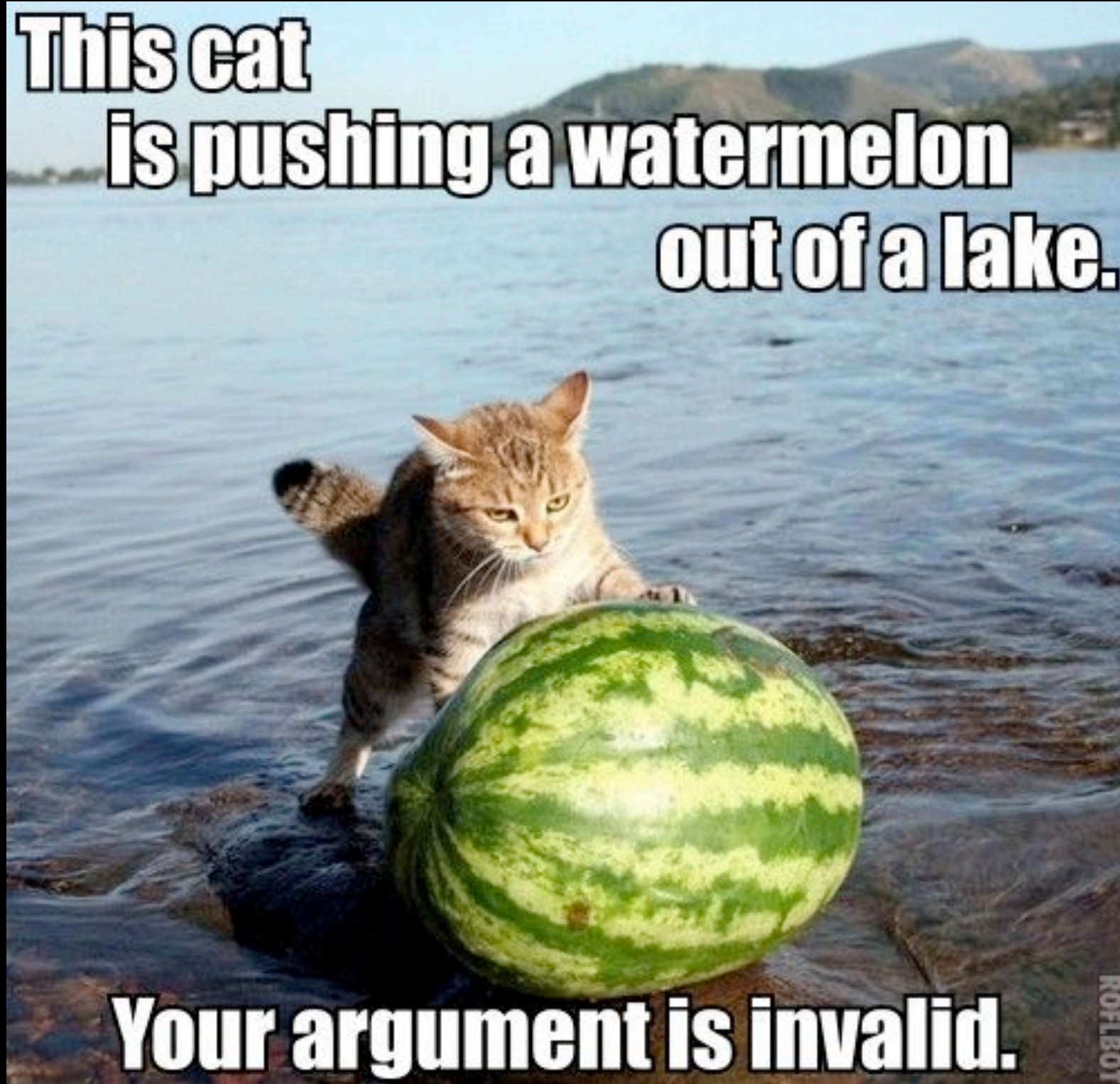
**Why do we need
to use Compass?**

- **Stylesheets are too long**
- **Stylesheets are too complex**
- **Stylesheets are a fucking mess!**
- **Yeah, I'm talking to you.**

But what if...

- **I wanna use ERB**
- **I think Sass has a weird syntax**
- **My styles are hand-crafted**
- **I don't have many styles yet**

**This cat
is pushing a watermelon
out of a lake.**



Your argument is invalid.

ROFLBOT

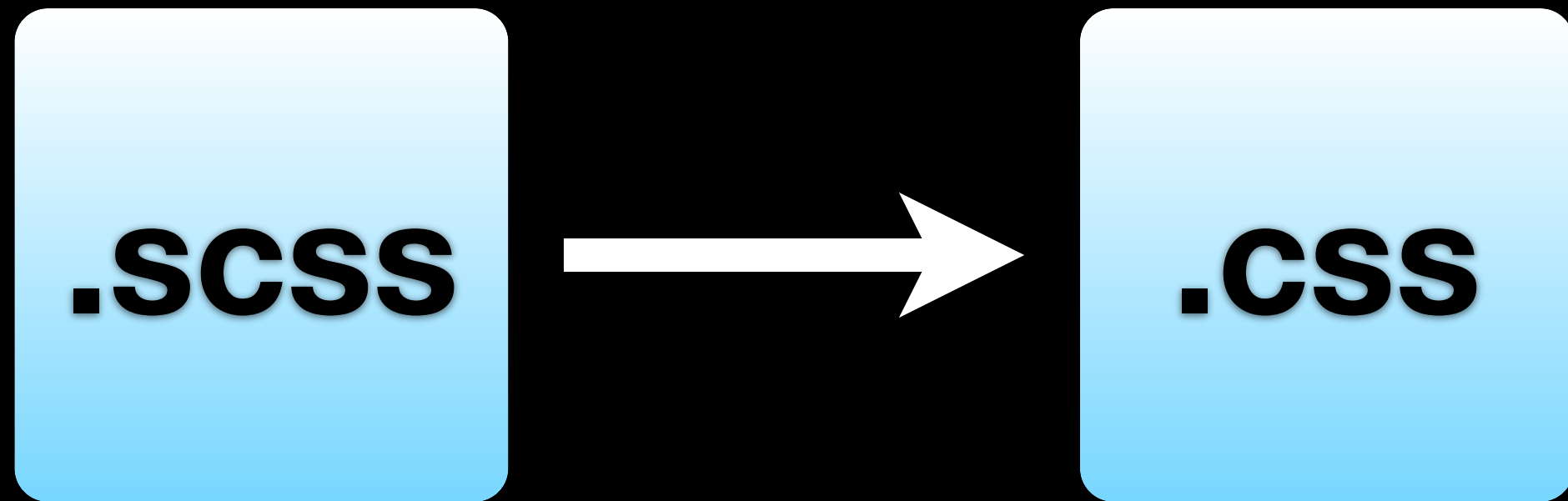
How do I get started?

- **gem 'compass'**
- **bundle install compass**
- **compass version**
- **compass init rails /path/to/app**
- **tweak config/compass.rb**
- **add app/stylesheets**

What are the basics?

.SCSS files

SCSS = Sassy CSS



app/stylesheets/app.scss

```
body {  
  font-family: Helvetica, Arial, sans-serif;  
}
```

```
h1 {  
  font-size: 28px;  
  a {  
    text-decoration: none;  
  }  
}
```

```
a {  
  color: #FF1E00;  
  &:hover {  
    color: #336699;  
  }  
}
```

public/stylesheets/app.css

```
body {  
  font-family: Helvetica, Arial, sans-serif;  
}
```

```
h1 {  
  font-size: 28px;  
}
```

```
h1 a {  
  text-decoration: none;  
}
```

```
a {  
  color: #FF1E00;  
}
```

```
a:hover {  
  color: #336699;  
}
```

Variables

```
$blue: #3bbfce;
```

```
$margin: 16px;
```

```
.content-navigation {  
    border-color: $blue;  
    color: darken($blue, 9%);  
}
```

```
.border {  
    padding: $margin / 2;  
    margin: $margin / 2;  
    border-color: $blue;  
}
```

```
.content-navigation {  
  border-color: #3bbfce;  
  color: #2b9eab;  
}
```

```
.border {  
  padding: 8px;  
  margin: 8px;  
  border-color: #3bbfce;  
}
```

Partials

app/stylesheets/app.scss

```
body {  
  font-family: Helvetica, Arial, sans-serif;  
}
```

```
@import "core/type";
```

app/stylesheets/core/type.scss

```
h1, h2, h3, h4, h5 {  
  color: #444;  
  margin: 12px 0;  
}
```

```
h1 {  
  font-size: 28px;  
  margin: 24px 0;  
}
```

```
h2 {  
  clear: left;  
  font-size: 24px;  
  margin: 18px 0;  
}
```

public/stylesheets/app.css

```
body {  
  font-family: Helvetica, Arial, sans-serif;  
}
```

```
h1, h2, h3, h4, h5 {  
  color: #444;  
  margin: 12px 0;  
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h1 {  
  font-size: 28px;  
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}
```

```
h2 {  
  clear: left;  
  font-size: 24px;  
  margin: 18px 0;  
}
```

Mixins

```
@mixin large-text {  
  font: {  
    family: Arial;  
    size: 20px;  
    weight: bold;  
  }  
  color: #ff0000;  
}
```

```
.page-title {  
  @include large-text;  
  padding: 4px;  
  margin-top: 10px;  
}
```

```
.page-title {  
  font-family: Arial;  
  font-size: 20px;  
  font-weight: bold;  
  color: #ff0000;  
  padding: 4px;  
  margin-top: 10px;  
}
```

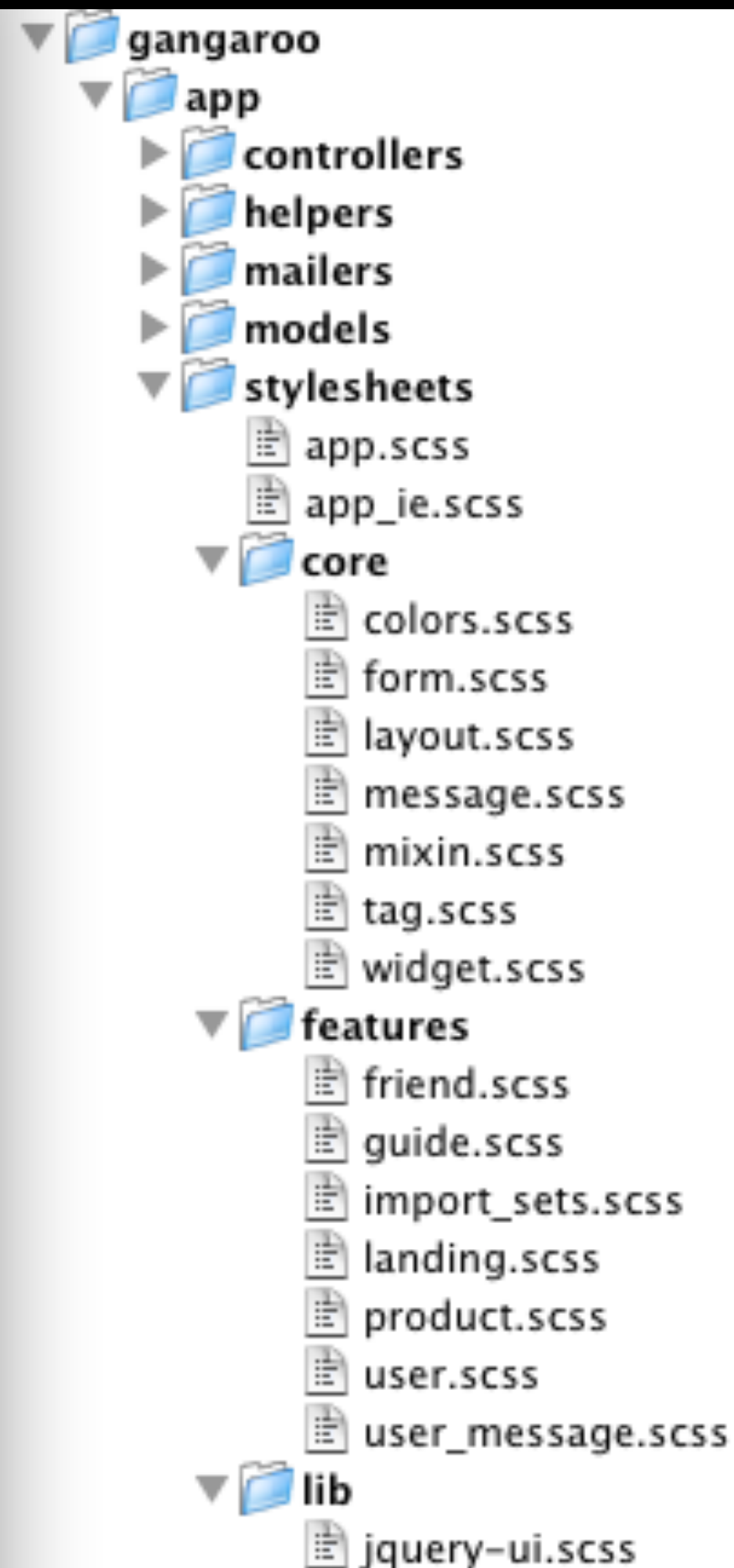
**Compass =
Mixins on Charlie Sheen**

WINNING!

- **New CSS 3 hotness**
- **Blueprint**
- **Yahoo UI layouts**
- **Grid systems**
- **Fancy buttons**

```
input[type=text],  
input[type=password],  
textarea {  
    @include border-radius(6px);  
    border: 1px solid #ccc;  
    color: #333;  
    font-size: 16px;  
    padding: 3px;  
    outline: none;  
}
```

**How do I organize
my stylesheets?**



app/stylesheets/app.scss

// Compass

@import "compass/reset";

@import "compass/utilities";

@import "compass/css3";

// Libraries

@import "lib/jquery-ui";

// Core

@import "core/mixin";

@import "core/colors";

@import "core/tag";

@import "core/layout";

@import "core/message";

@import "core/form";

@import "core/widget";

// Features

@import "features/product";

@import "features/user";

Resources

- <http://compass-style.org>
- <http://compass-style.org/docs/reference/compass/>
- <http://github.com/chriseppstein/compass>

The End