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Pragmatic Guide to Sass

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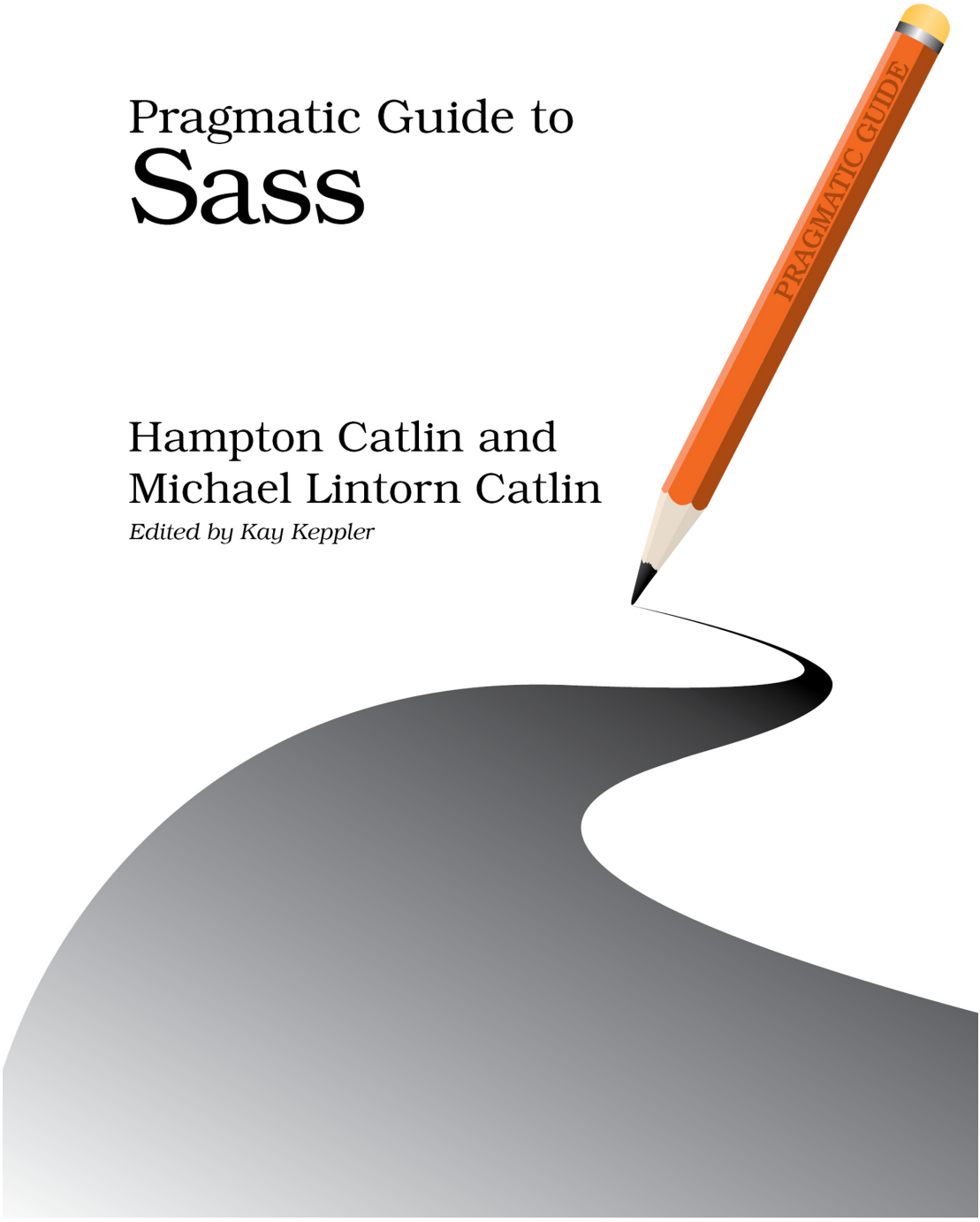
The Pragmatic Programmers

Pragmatic Guide to Sass



Hampton Catlin and
Michael Lintorn Catlin

Edited by Kay Keppler

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The team that produced this book includes:

Kay Keppler (editor)
Potomac Indexing, LLC (indexer)
Molly McBeath (copyeditor)
David J Kelly (typesetter)
Janet Furlow (producer)
Juliet Benda (rights)
Ellie Callahan (support)

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Included in Sass are some programmer-style functions, which we'll look over in the next couple of tasks. We generally refer to these as *SassScripts*.

Let's start out with a general SassScript that allows you to dynamically generate style sheets. It's called *interpolation*. Oh, fancy sounding word—how we love you! It makes us sound smart just by saying it. You try it: *interpolation*. Feels good, doesn't it? OK, sorry—we got a bit distracted there.

Interpolation basically means "put this there." Imagine we want to write a mixin that has a dynamic property or selector. And we don't mean a dynamic property value—that's easy stuff that we've already done. We mean if the very *name* of a property or selector could be dynamically generated. Well, you're in luck, because that's exactly what interpolation can do.

Just wrap the name of a variable in `#{}` and you are done. For example, we could have `#{$myvar}`. The variable will be printed out wherever you put that. So, we could say `.red_#{$carname}`. And, if `$carname` is set to `volvo`, it would generate the selector `.red_volvo`. Whabam! Victory!

You can pretty much use interpolation anywhere you want in your Sass files. Go crazy!

➤ Interpolate to create a dynamic selector.

Download advanced/interpolation.scss

```
@mixin car_make($car_make, $car_color) {
  // Set the $car_make with "_make" at the end as a class
  .car.#{$car_make}_make {
    color: $car_color;
    width: 100px;
    .image {
      background: url("images/#{$car_make}/#{$car_color}.png");
    }
  }
}

@include car_make("volvo",    "green");
@include car_make("corvette", "red"  );
@include car_make("bmw",      "black");
```

This compiles to:

```
.car.volvo_make {
  color: "green";
  width: 100px; }
  .car.volvo_make .image {
    background: url("images/volvo/green.png"); }

.car.corvette_make {
  color: "red";
  width: 100px; }
  .car.corvette_make .image {
    background: url("images/corvette/red.png"); }

.car.bmw_make {
  color: "black";
  width: 100px; }
  .car.bmw_make .image {
    background: url("images/bmw/black.png"); }
```