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Does Sass have a switch function?

Asked 6 years, 7 months ago Active 11 months ago Viewed 13k times



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With Sass' ability to use variables, one would hope there is a large set of logic functions we can do with them.

Is there a way to do something like this?



```
$someVar: someValue !default;
```



1

```
@switch $someVar
{
  @case 'red':
    .arbitrary-css here {}

    @break;

  @case 'green':
    .arbitrary-css here {}

    @break;

  @case 'blue':
    .arbitrary-css here {}

    @break;
}
```

However, I can't find anything in the Sass reference about this.

[sass](#)

[compass-sass](#)

edited Jan 22 at 1:18

asked May 13 '13 at 6:47



[Bryce](#)

4,946

6

29

58

5 Case is just an if/else in disguise. – [cimmanon](#) May 13 '13 at 11:50

2 Answers

▲ Sass doesn't support Switch Case.

18

Sass only support four control directives:

- ▼
- @if
 - @for
 - @each
 - @while
- ✓

answered May 27 '13 at 9:12



Đặng Văn Thanh

398 3 7

Github Issue: github.com/sass/sass/issues/554 (closed) – [Johannes Buchholz](#) yesterday

▲ No there isn't any supported switch statement in sass but if you only need to use the switch statement to tweak a variable, you can use sass maps in a switch statement sort of way.

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Using SASS maps in place of a switch statement

▼

```
$newVar: map-get((  
  case_1_test_name : case_1_return_value,  
  case_2_test_name : case_2_return_value,  
), $testVar);
```

So here's an example:

```
$vehicle: car;  
  
$vehicleSeating: map-get(  
  car : 4,
```

```
    bus : 20,  
  ), $vehicle);  
  
  //$vehicleSeating = 4
```

The above example translated into if/else statements:

```
$vehicle: car;  
  
@if ($vehicle == 'car') {  
  $vehicleSeating: 4;  
} @else if ($vehicle == 'bus'){  
  $vehicleSeating: 20;  
}  
  
//$vehicleSeating = 4
```

edited Oct 27 '15 at 1:12

answered Oct 19 '15 at 6:21



[Daniel Tonon](#)

5,729 1 36 37

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- 1 How does this even answer the question being asked? – [cimmanon](#) Oct 20 '15 at 15:01
-
- 12 I'm providing an alternative to using switch statements in SASS by using SASS maps in a way that a lot of people wouldn't think of. I've removed the unrelated bit of the answer about generating CSS from a SASS map. – [Daniel Tonon](#) Oct 21 '15 at 4:46
-
- 4 Just providing an alternative that is far cleaner than a stack of if/else statements. – [Daniel Tonon](#) Oct 22 '15 at 5:37
-
- 1 This solution is a great alternative. – [artemisian](#) Oct 10 '17 at 12:21
-
- 1 @Vladyn Try this mixin out for media queries. npmjs.com/package/mq-scss I think it's the most powerful media query mixin on the internet. – [Daniel Tonon](#) Nov 16 '17 at 4:47
-

