

# D3 v5 changes

- "only a few non-backwards-compatible changes"
- no more `d3.schemeCategory20`, uses `d3-scale-chromatic` instead
- loading data uses *promises* instead of *callbacks*
- a few other new things
- <https://github.com/d3/d3/blob/master/CHANGES.md>

# Goodbye, d3.schemeCategory20\*



<https://bl.ocks.org/pstuffa/3393ff2711a53975040077b7453781a9>

# Hello, d3-scale-chromatic

## API Reference

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### Categorical

# d3.schemeCategory10 <>



An array of ten categorical colors represented as RGB hexadecimal strings.

# d3.schemeAccent <>



An array of eight categorical colors represented as RGB hexadecimal strings.

# d3.schemeDark2 <>



An array of eight categorical colors represented as RGB hexadecimal strings.

<https://github.com/d3/d3-scale-chromatic>

# Asynchronous Programming

## Events

`.on("click", function () {...})`

**Callbacks** `d3.csv()` v4

**Promises** `d3.csv()` v5

# Callbacks

```
d3.csv("mydata.csv", function () {  
  
    all the stuff that uses the data  
  
});
```

## Multiple line graphs with labels

[bl.ocks.org/d3noob/8603837](http://bl.ocks.org/d3noob/8603837)

## Multi-line graph 2 with v4: Colours

<https://bl.ocks.org/d3noob/ae9786c26d6a821eeefeabe60dec350a9>

# Loading files

- 1. Use a local server**
- 2. Work on [blockbuilder.org](https://blockbuilder.org)**