

What's New in D3?



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Version 3 => 4

<https://cdnjs.cloudflare.com/ajax/libs/d3/3.5.17/d3.min.js> == Version 3

<http://d3js.org/d3.v3.min.js> == Version 3

<https://cdnjs.cloudflare.com/ajax/libs/d3/4.3.0/d3.min.js> == Version 4



The Great Namespace Flattening

d3.layout.chord → d3.chord

d3.svg.chord → d3.ribbon

d3.layout.pie → d3.pie



Version 4 is Modularized

A core library

With satellite assemblies



Various and Sundry

**Easing names are
now constants
rather than strings**

`“cubic-in-out” =>
d3.easeCubicInOut`

**Layouts have been
grouped with
shape primitives**

`d3.layout.pie =>
d3.pie`

**Convert magic
strings to
constants, flatten
namespaces**



Version 4 => 5

```
d3.csv("file.csv", function(data) {  
  console.log(data);  
});
```

```
d3.csv("file.csv").then(function(data) {  
  console.log(data);  
});
```



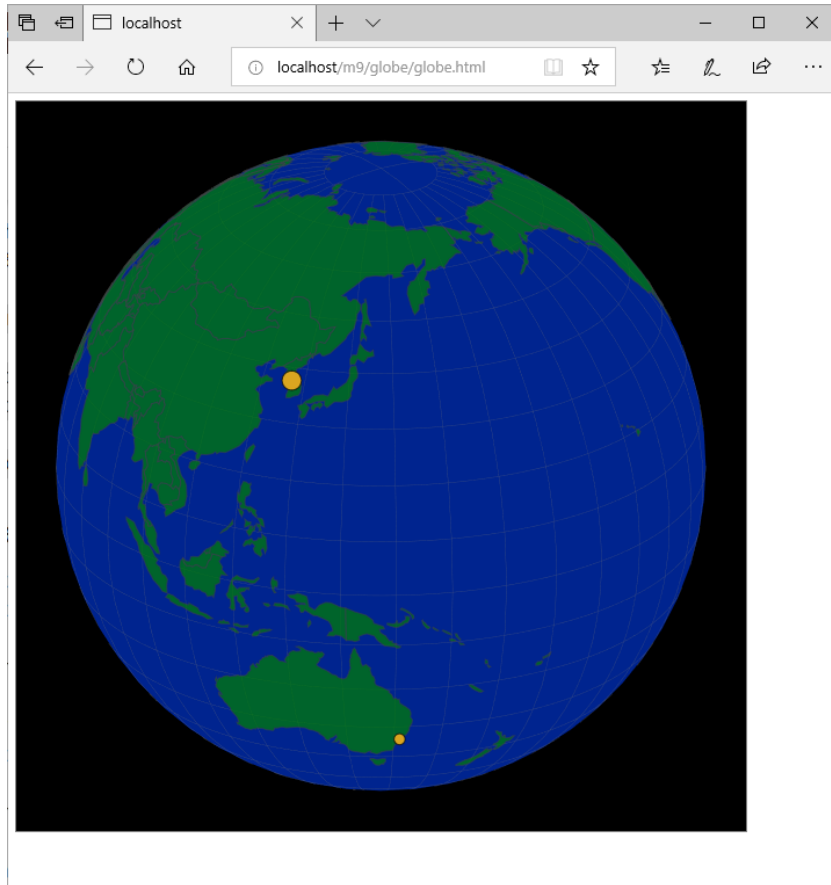
Version 4 => 5

```
queue()  
.defer(d3.json, 'southamerica.json')  
.defer(d3.tsv, 'sapops.txt')  
.await(dataLoaded);
```

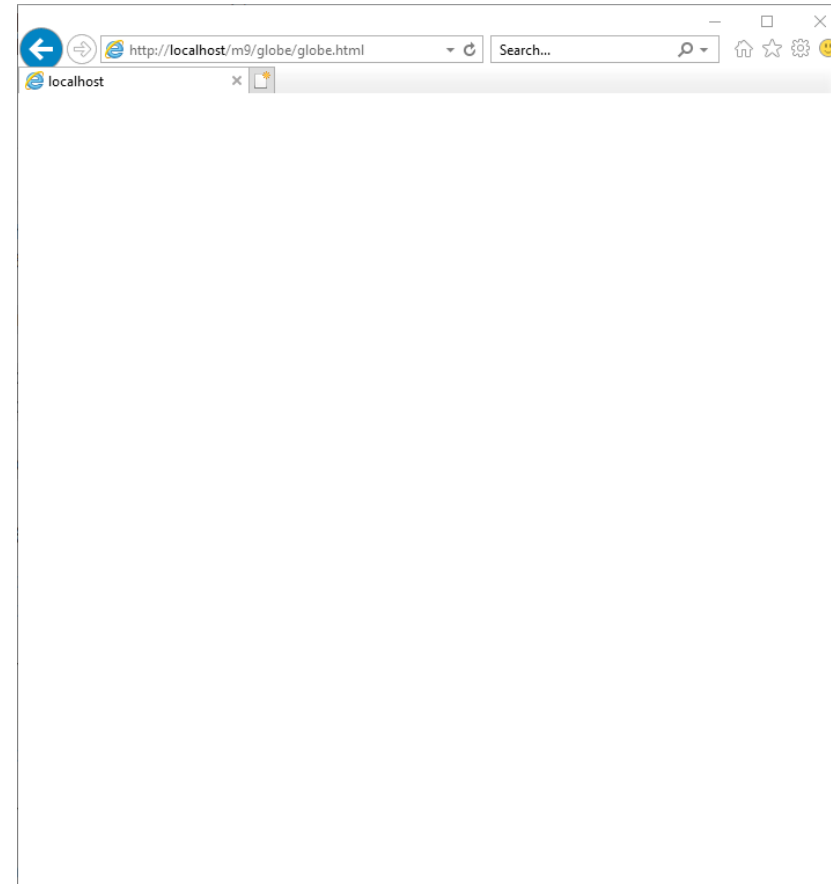
```
var promises = [];  
  
promises.push(d3.json("southamerica.json"));  
  
promises.push(d3.tsv("sapops.txt"));  
  
Promise.all(promises).then(dataLoaded);
```



Fetch API Replaces XMLHttpRequest



Microsoft Edge



Microsoft Internet Explorer



Retirement of schemeCategory20x



Paired colors

- Like this
- Misleadingly implied relationships