

Architecting D3



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What You'll Learn



D3 Library Overview

SVG Elements

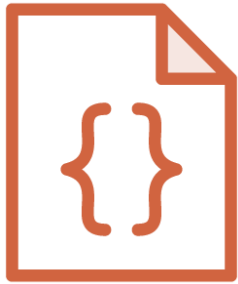
Effect on HTML



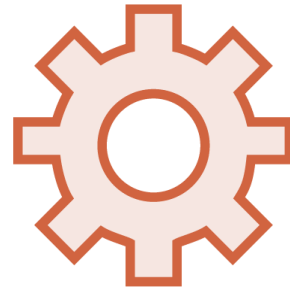
D3 Library Overview



D3 Library Overview



Selections



Operators



Chaining



Layouts



Behaviors



Styling

SVG Elements

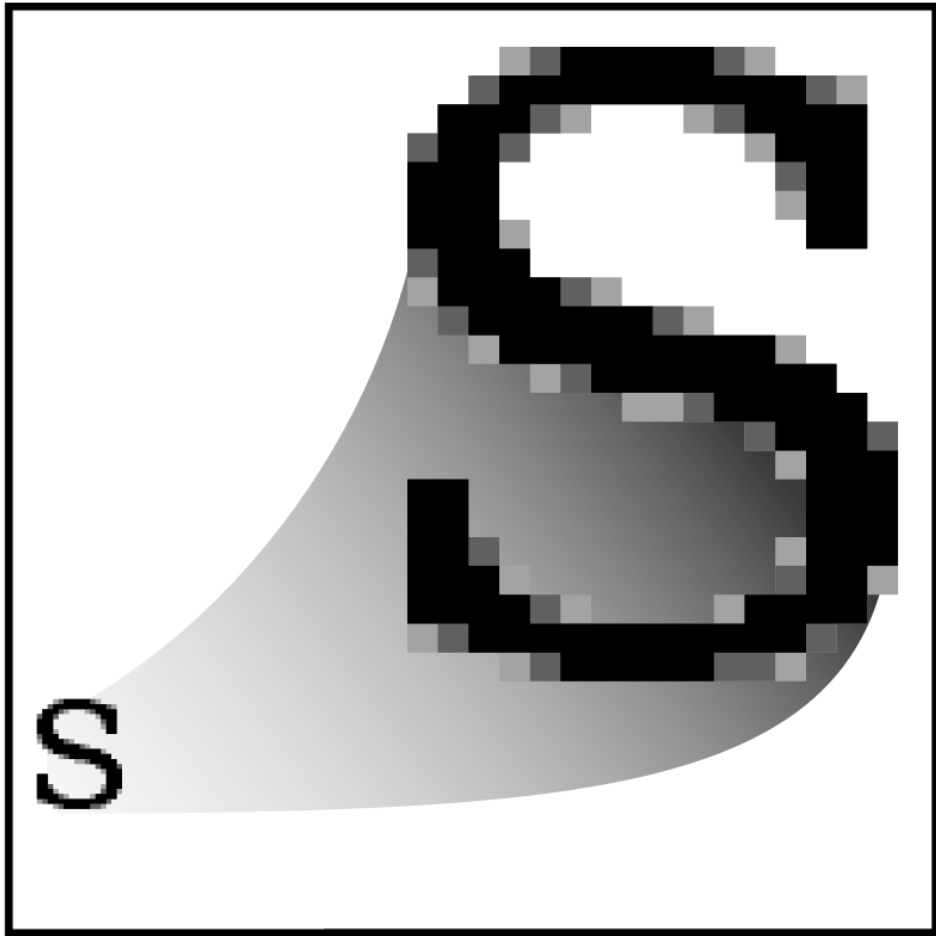


SVG

Scalable Vector Graphics is a XML-based vector image format for 2D graphics with support for interactivity and animation

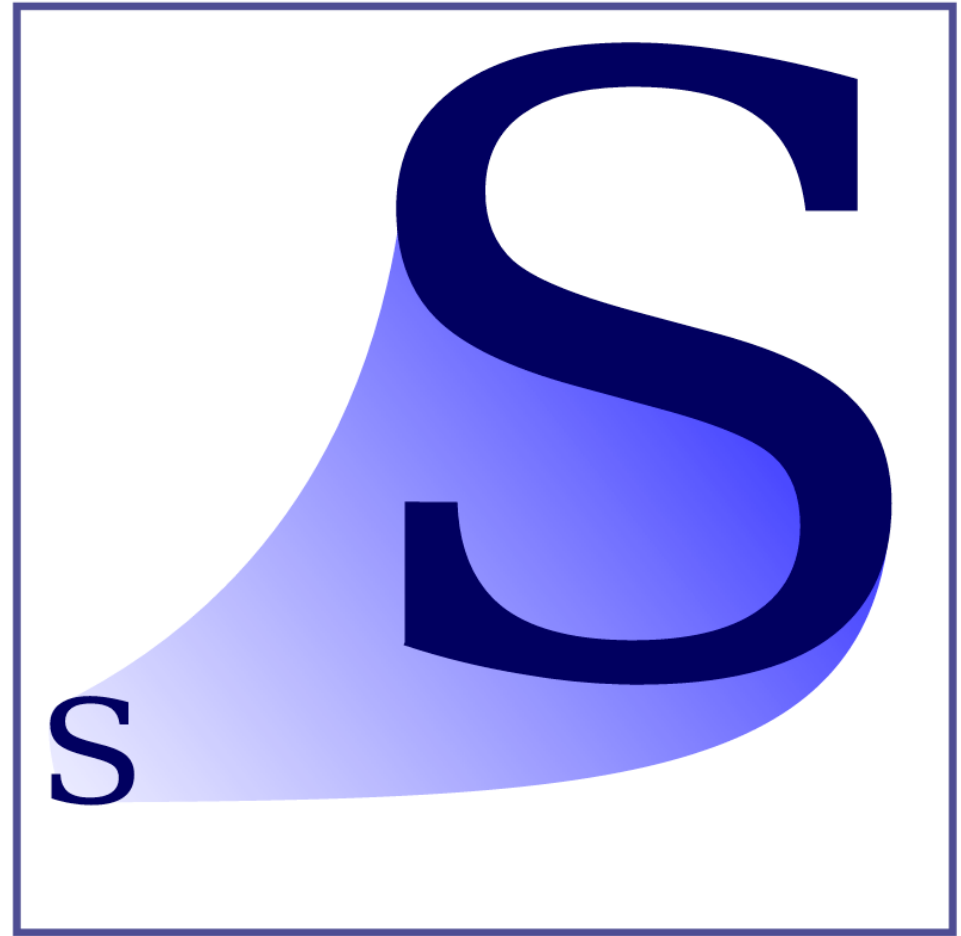
*Developed by W3C in 1999





Raster

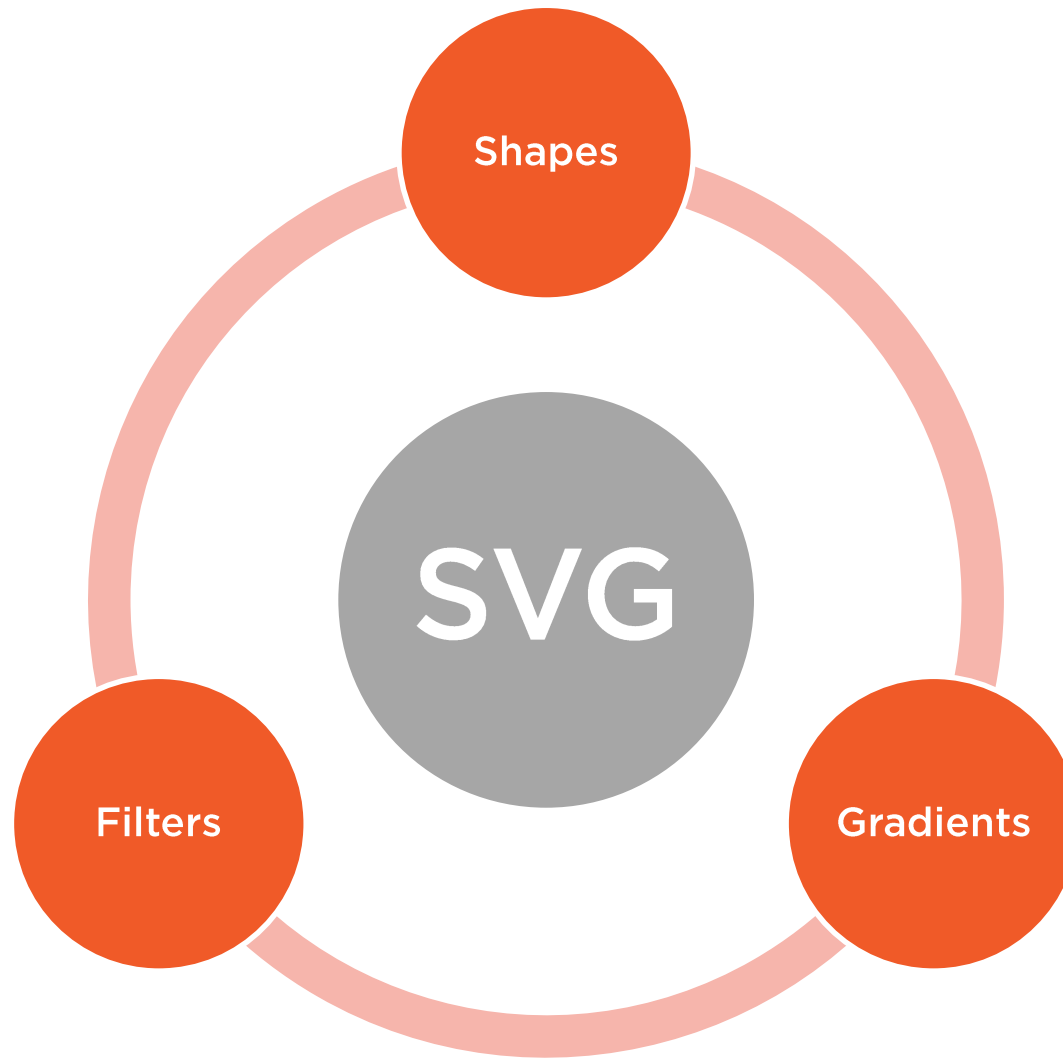
.jpeg .gif .png



Vector

.svg





HTML v D3

HTML

```
<svg>  
  <rect width="50" height="200" style="fill: blue;"/>  
</svg>
```

Output

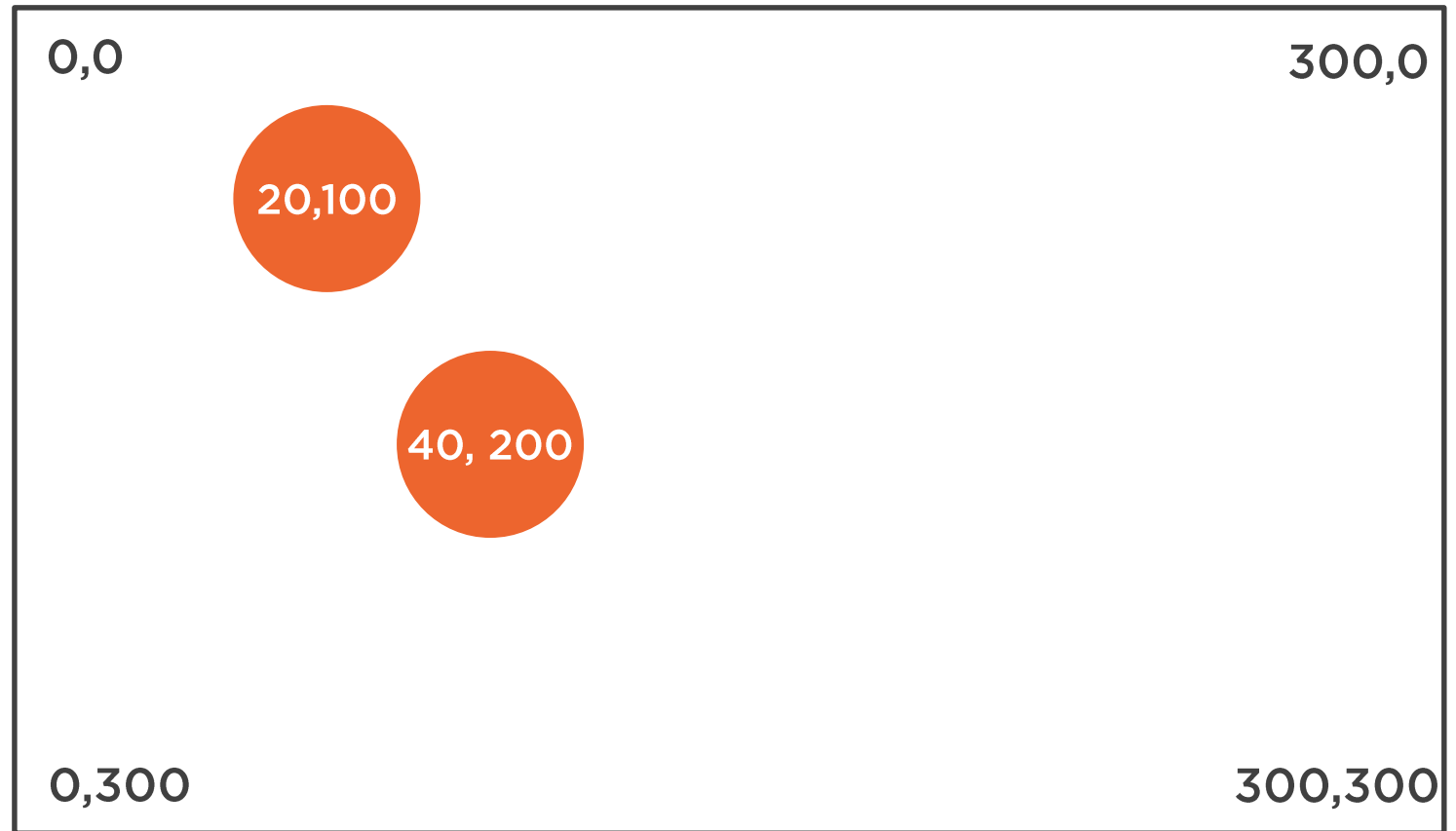


D3

```
d3.select("body").append("svg")  
  .append("rect")  
  .attr("width", 50)  
  .attr("height", 200)  
  .style("fill", "blue");
```



SVG Coordinate System



Effect on HTML



Demo



Load HTML Page

View Source

Add D3 Viz



Where to Find More



Where to Find More



Pluralsight Courses

- Business Dashboard Fundamentals
- Data Visualization for Developers
- D3 Fundamentals
- Geospatial Mapping in D3

External

- bensullins.com/d3bigpicture-m5

