SVG Elements

✓ can use CSS transitions

SVG is a language for drawing graphics declaratively. Here are the main elements that can be used to draw graphics on a web page.

svg

The Grand Poobah.

Use this to surround all other SVG elements or to create a new coordinate system.

defs

The definitions element.

Use this to store elements to be used elsewhere. For example:

clipPath

Store in defs. reference: url(#id)

Used to clip other elements outside of its children elements' shape.

linearGradient, radialGradient

Store in defs. reference: url(#id)

Used to define a gradient, using:

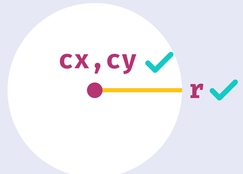
stop

- offset
- ✓ stop-color
- ✓ stop-opacity

rect

line

circle

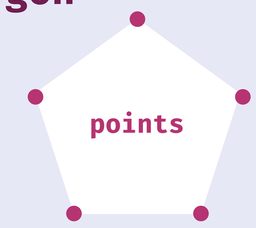


g

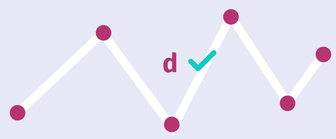
A container to group other SVG elements.

Similar to an HTML .

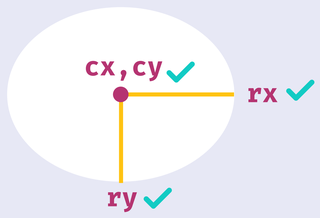
polygon



path



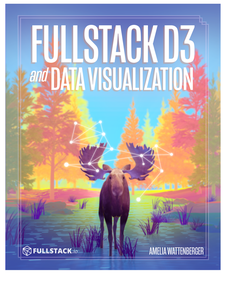
ellipse



text

The only way to create text within SVG.

- x,y
- dx
- dy
- rotate
- textLength
- lengthAdjust

FULLSTACK D3 and DATA VISUALIZATION

AMELIA WATTENBERGER