

Visualization in the Browser

Vectors and Interactivity



Example

<http://hotspots.io/election>

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So
2011

What's the alternative?

(Scalable) Vector Graphics

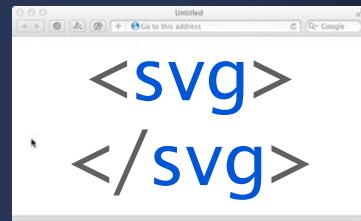


<svg>
</svg>



Google svg-edit

(Scalable) Vector Graphics

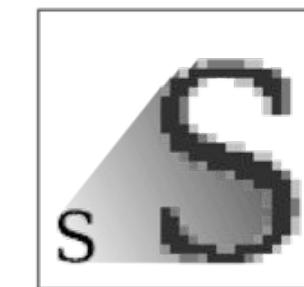


A screenshot of a web browser window titled "Untitled". Inside the window, the text "<svg>" and "</svg>" is displayed in blue, representing XML code.



Google svg-edit

Bitmap vs. Outline



BITMAP
.jpeg .gif .png



OUTLINE
.svg

http://en.wikipedia.org/wiki/File:Bitmap_VS_SVG.svg

HTML & SVG

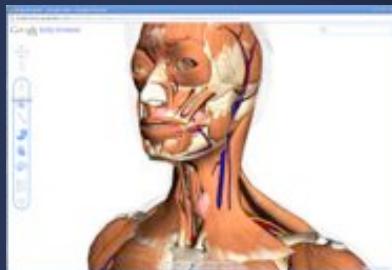
```
<html>  
  
          </html>
```

HTML & SVG

```
<html>  
    <svg>  
        <circle r="100" cx="500" cy="500" fill="yellow" stroke="red" />  
    </svg>  
</html>
```

Near Future?

e.g. Google Body Browser



Visualization in the Browser

- Based on web standards
- Fast
- Interactive
- No plugins required

... at least in modern browsers

Next Week

From Data to Visualization