



FORUM ONE

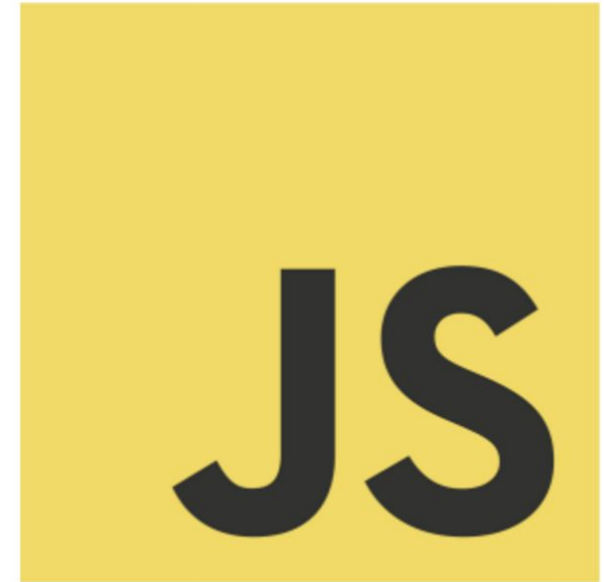
Extend Your Influence



D3 Data Visualization









Scalable Vector Graphics (SVG)



Scalable Vector Graphics (SVG) is an XML-based vector image format for two-dimensional graphics with support for interactivity and animation.

-
-
-
-
-
-
-

SVG (basic support) - REC

Global 96.22% + 1.03% = 97.25%

Method of displaying basic Vector Graphics features using the embed or object elements. Refers to the SVG 1.1 spec.

Current alignedUsage relativeShow all

IE	Edge	Firefox	Chrome	Safari	Opera	iOS Safari	Opera Mini	Android Browser	Chrome for Android
			29						
			45					14.3	
			49					4.4	
8		46	50			9.2		4.4.4	
211	213	47	51	9.1	38	9.3	all	50	51
	214	48	52	10	39				
		49	53	TP	40				
		50	54						

- Notes
- Known issues (4)
- Resources (7)
- Feedback

1 Partial support in Android 3 & 4 refers to not supporting masking.

2 IE9-11 desktop & mobile don't properly scale SVG files. Adding height, width, viewBox, and CSS rules seem to be the best workaround.





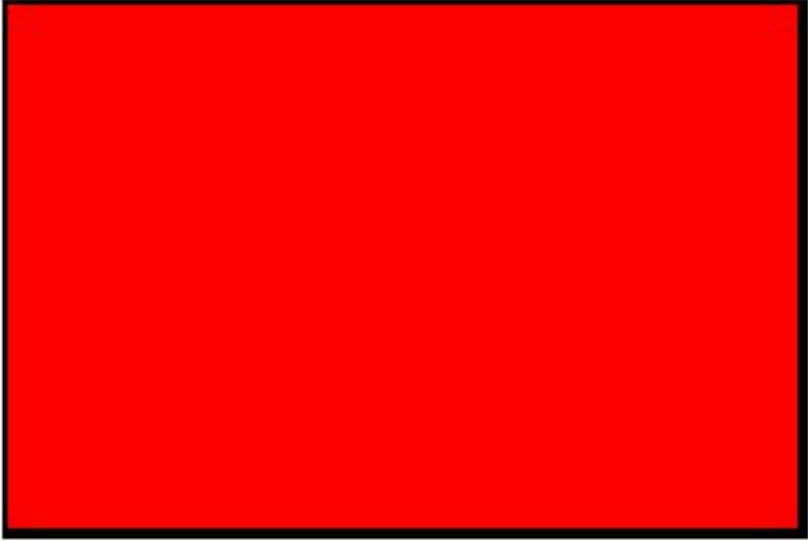
My first SVG



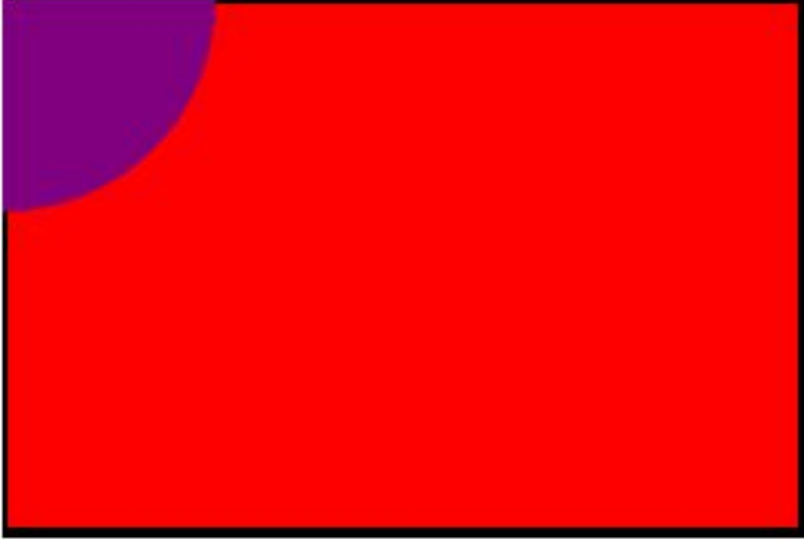
My first SVG



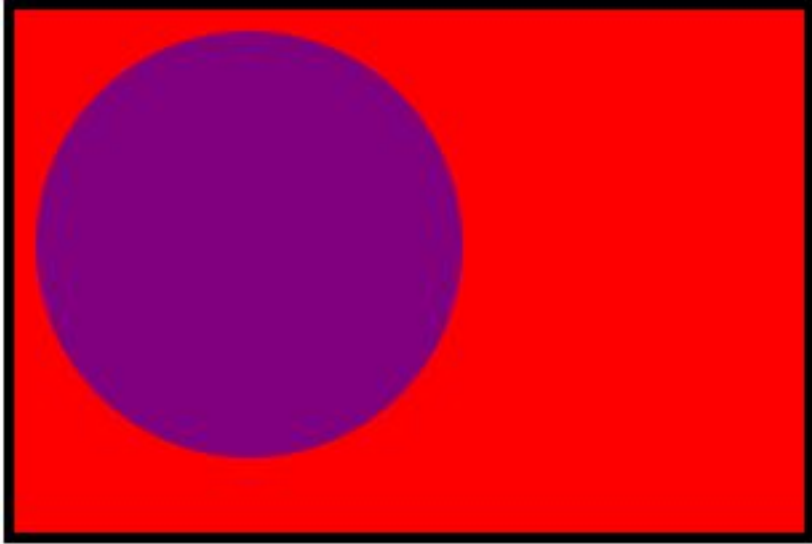
My first SVG



My first SVG



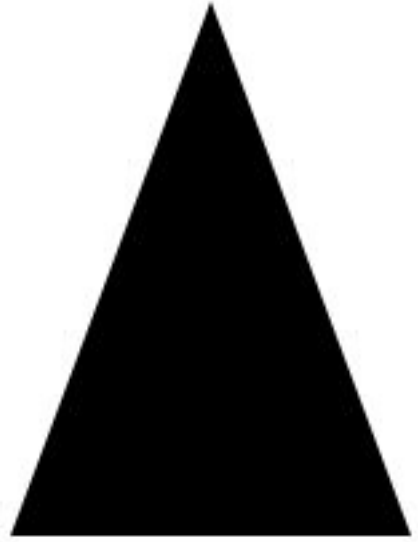
My first SVG



My first SVG



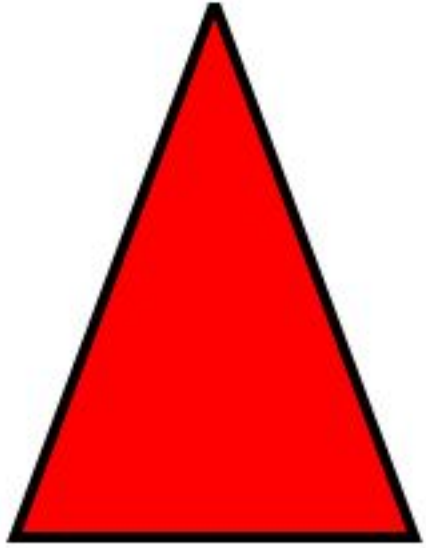
My first SVG

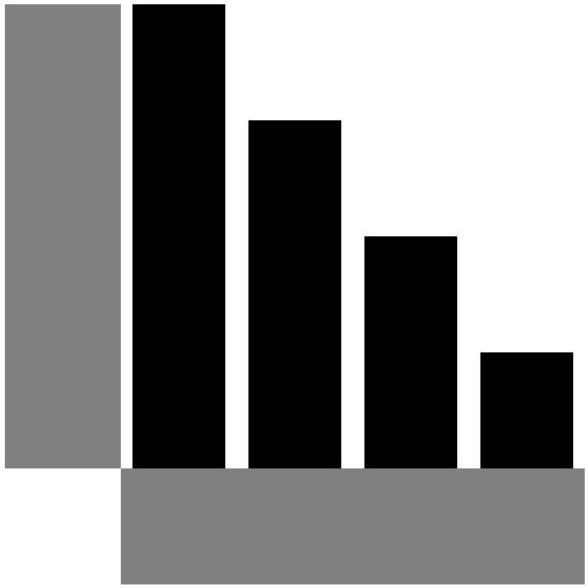


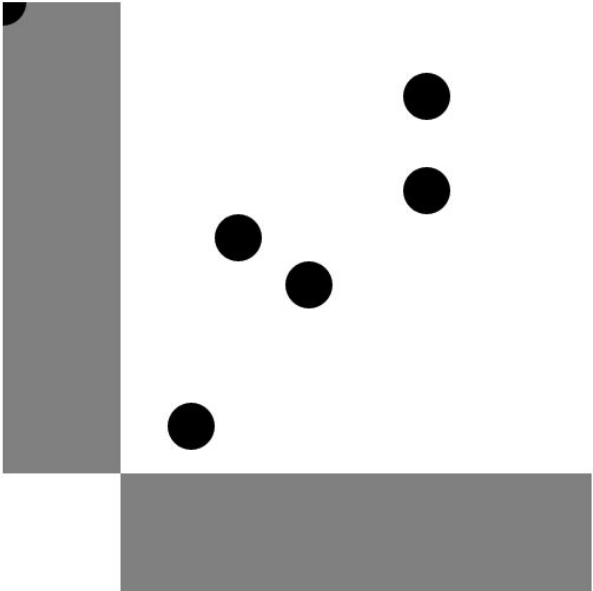


CSS + SVG

My first SVG









D3 + CSS + SVG



D3.js is a JavaScript library for manipulating documents based on data.

D3js is the glue between data and SVG (or other DOM elements).



○

○



A large, stylized globe is centered on the slide. It is composed of a network of interconnected nodes and lines, forming a complex, web-like structure. The nodes are represented by small circles in various colors, including grey, blue, and light blue. The lines are thin and grey, connecting the nodes in a dense, overlapping pattern. A horizontal band, consisting of a yellow upper half and a light blue lower half, passes through the middle of the globe. The text "Bring in the Data" is overlaid on the yellow band in a bold, red, serif font.

Bring in the Data







Drupal & D3

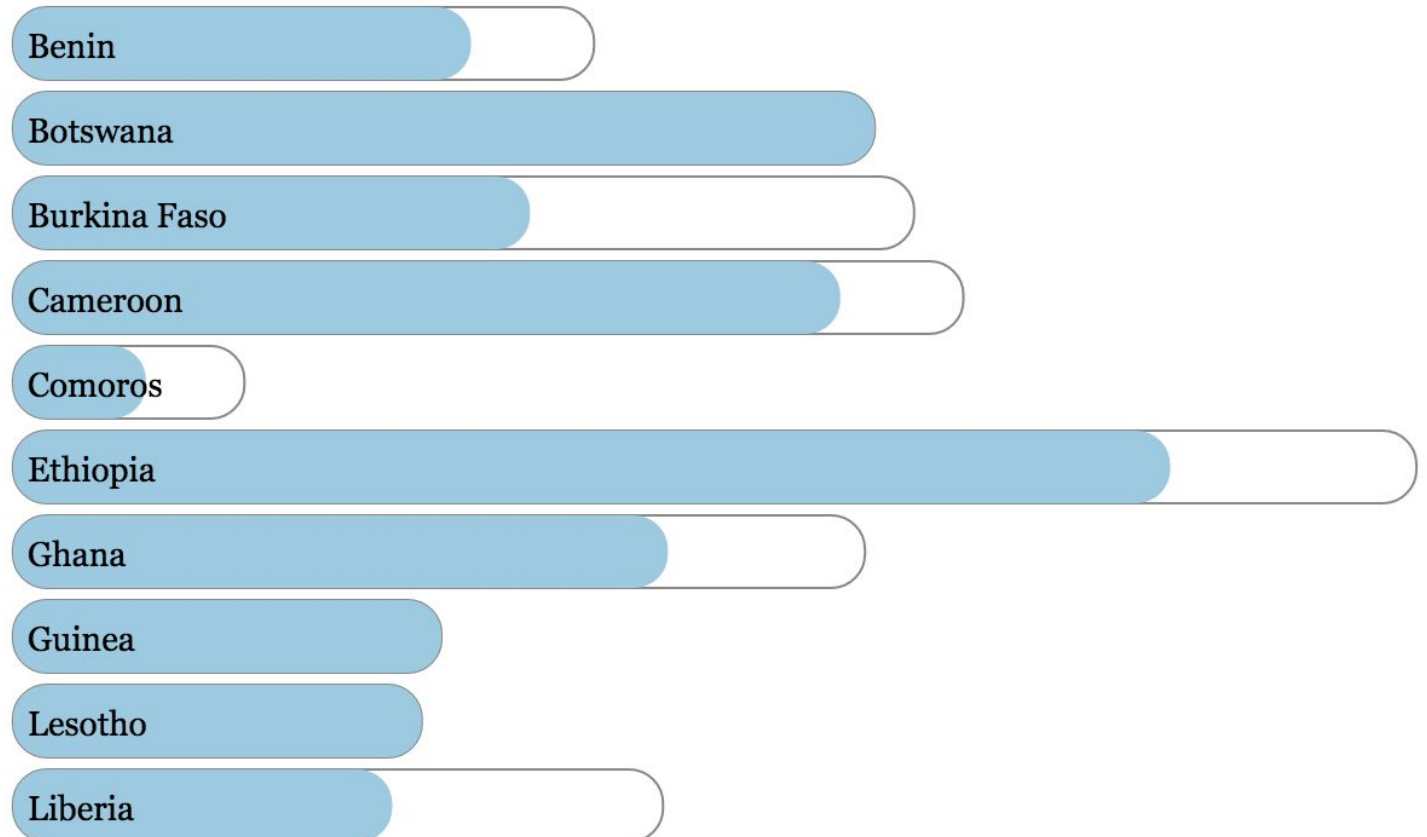
D3 Module (D7)

**Views/REST API with
Custom Module**



-
-
-

Volunteers per Country D3



▼ WEB SERVICES



► Serializes entities using Hypertext Application Language

HTTP Basic Authentication

► Provides the HTTP Basic authentication provider

RESTful Web Services

► Exposes entities and other resources as RESTful web API

Serialization

► Provides a service for (de)serializing data to/from formats such as JSON and XML

+ Add

Attachment

Block

Embed

Entity Reference

Feed

Page

REST export

Display name: [Countries REST export](#)

[View Countries REST export](#)

TITLE

Title: [None](#)

FORMAT

Format: [Serializer](#) | [Settings](#)

Show: [Fields](#) | [Settings](#)

FIELDS

Add ▼

[Content: Title](#)

[Content: Flag](#)

[Content: Active volunteers total](#)

[Content: Volunteer positions available](#)

[Content: Region](#)

FILTER CRITERIA

Add ▼

[Content: Publishing status \(= Yes\)](#)

[Content: Content type \(= Country\)](#)

SORT CRITERIA

Add ▼

[Content: Title \(asc\)](#)

PATH SETTINGS

Path: [/countries-api](#)

Access: [Permission](#) | [View published content](#)

HEADER

The selected display type does not use header plugins

FOOTER

The selected display type does not use footer plugins

NO RESULTS BEHAVIOR

The selected display type does not use empty plugins

PAGER

Items to display:

[Display a specified number of items](#) |
[10 items](#)

► ADVANCED

```
[
  - {
    title: "Benin",
    field_flag: "1",
    field_active_volunteers_total: "93",
    field_volunteer_positions_availa: "25",
    field_region: "Africa"
  },
  - {
    title: "Botswana",
    field_flag: "2",
    field_active_volunteers_total: "175",
    field_volunteer_positions_availa: false,
    field_region: "Africa"
  },
  - {
    title: "Burkina Faso",
    field_flag: "3",
    field_active_volunteers_total: "105",
    field_volunteer_positions_availa: "78",
    field_region: "Africa"
  },
]
```


○

○

○

○

○

○

○

○

○

○























Ghana



- ---
- ---
- ---
- ---
- ---

