Using D3 for Information Visualization

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My Journey

- Logo
- Basic
- C/C++
- Pascal, Delphi
- Cobol
- Tcl/Tk
- Java
- Prolog
- SQL, PLSQL
- Shell Script
- Assembly
- Python
- Mozart
- Ocaml
- Haskell
- Lisp
- SGML, XML, HTML, DocBook
- LaTeX
- Ruby (Rails)
- JavaScript
Disclaimer
D3

- Easy distribution
- Built on standards
- Highly active community
- Rapid development
- Document Driven Model
- Better documentation
- Can only get better
- Pretty good performance for up to ~10 000 nodes

Java + Prefuse

- Better performance
- You might be already used to it
- You are scared of functional programming
- Or you hate JavaScript (or Web development all-together)
JavaScript
JavaScript

- As good or bad as you make it.
- Watch “Crockford on JavaScript” video series http://yuiblog.com/crockford/
Introductory Materials

• Showcase of options
  http://mbostock.github.com/d3/talk/20111018/#0

• Nice Mike Bostock's Workshops on D3
  http://mbostock.github.com/d3/talk/20111116/

• http://bost.ocks.org/mike/d3/workshop/
Other Links

• Mike Bostock's homepage
  http://bost.ocks.org/mike/

• D3 home page, demos, documentation, examples, etc
  http://d3js.org/

• CrossFilter great on browser data filtering library
  http://square.github.com/crossfilter/