



Angular + D3

About D3

- [Stands for Data Driven Documents
- [Library for building dynamic visualizations in JS
- [Written by Mike Bostock
- [Powers the cool NY Times visualizations
- [Primarily uses Scalable Vector Graphics (SVG)

Playing Together

— [Starting with a D3 gauge visualization

— [Simple angular setup

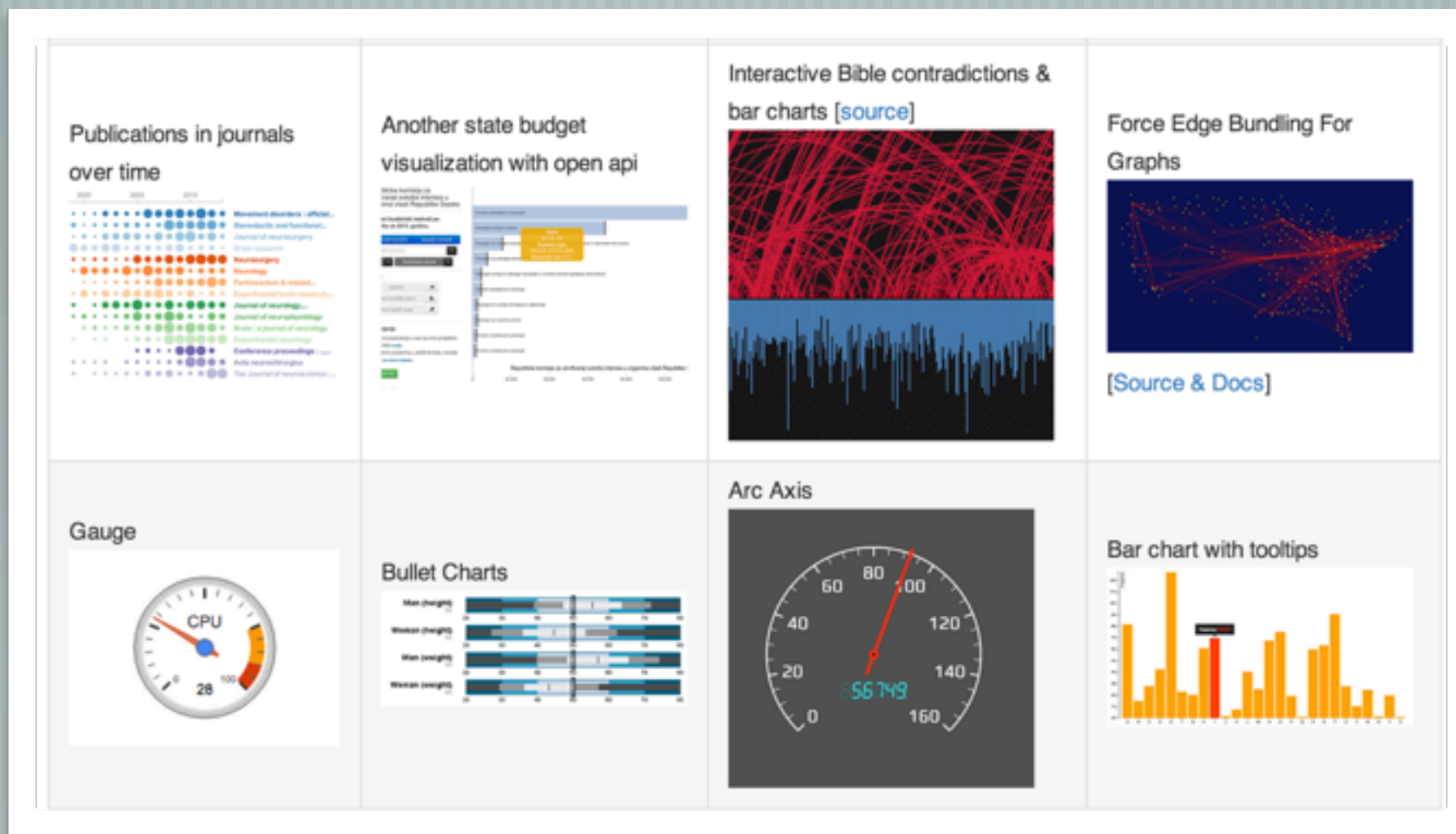
— [Moving to directives

— [Finding the element

— [Finishing the gauge directive

Code Time!

Bring on the code!



Two Critical Pieces

- [Independent scope for each directive
- [Getting the element and sending it to D3

Gotchas

- [D3 code not always structured as Javascript classes
- [D3 code can be pretty complex
- [Click handlers will need to call `$scope.$digest`
- [Use `$scope.$emit` to send back events

Q&A