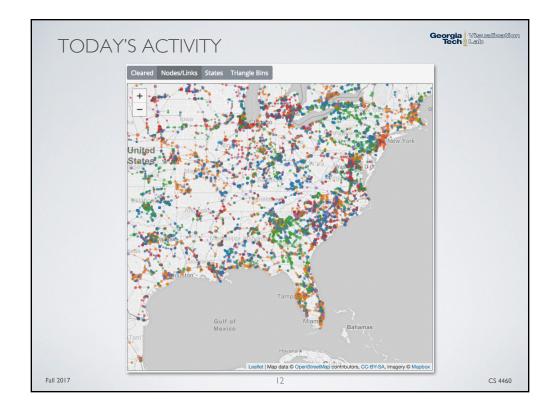


D3-GEO

Georgia Visualization

- Support for different projections (e.g. AlbersUSA)
- d3.geoPath supports drawing geo-shapes
 - Point a single position
 - LineString an array of positions forming a continuous line
 - Polygon an array of array forming a polygon (possibly with holes)
 - Feature a feature containing any of the above geometry objects
 - FeatureCollection an array of feature objects
- Also contains some basic spatial operations (but turf.js is better)
- GeoJSON
 - JSON format for geo-shapes
- · TopoJSON
 - Minified GeoJSON that is useful for the web

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LAB PROCEDURE



Before Class

- · Read Chapter 10 in Interactive Data Visualization for the Web by S. Murray
- Git pull example code (https://github.gatech.edu/CS-4460/Labs.git)

In-Class

- Open Lab 10 page (https://github.gatech.edu/CS-4460/Labs/wiki)
- Work through activities
- First things first, start an http server with python at 10_lab directory

After Class

- Submit "main.js" to the "Lab 10" T-Square assignment
 - · Only submit that one file Deadline is 1:15 PM Today
- P5 Deadline 11:00 PM Tonight (no extensions)

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