VisIt

- Designed to handle very large data in the terascale range
- Rich feature set for scalar, vector, tensor field visualization
- Visualization techniques in attribute space + brushing&linking
- Tools for data derivation and quantitative analysis
- Multi-platform: UNIX, MacOS X, Windows
- Multiple mesh types: structured, unstructured, AMR, CSG
- Handles ~110 file formats
- Extendable via plug-ins
- Accessible via C++, Python, and Java Interfaces
- Well-documented open-source tool with a vibrant community
- Website: https://wci.llnl.gov/codes/visit/home.html

Tulip

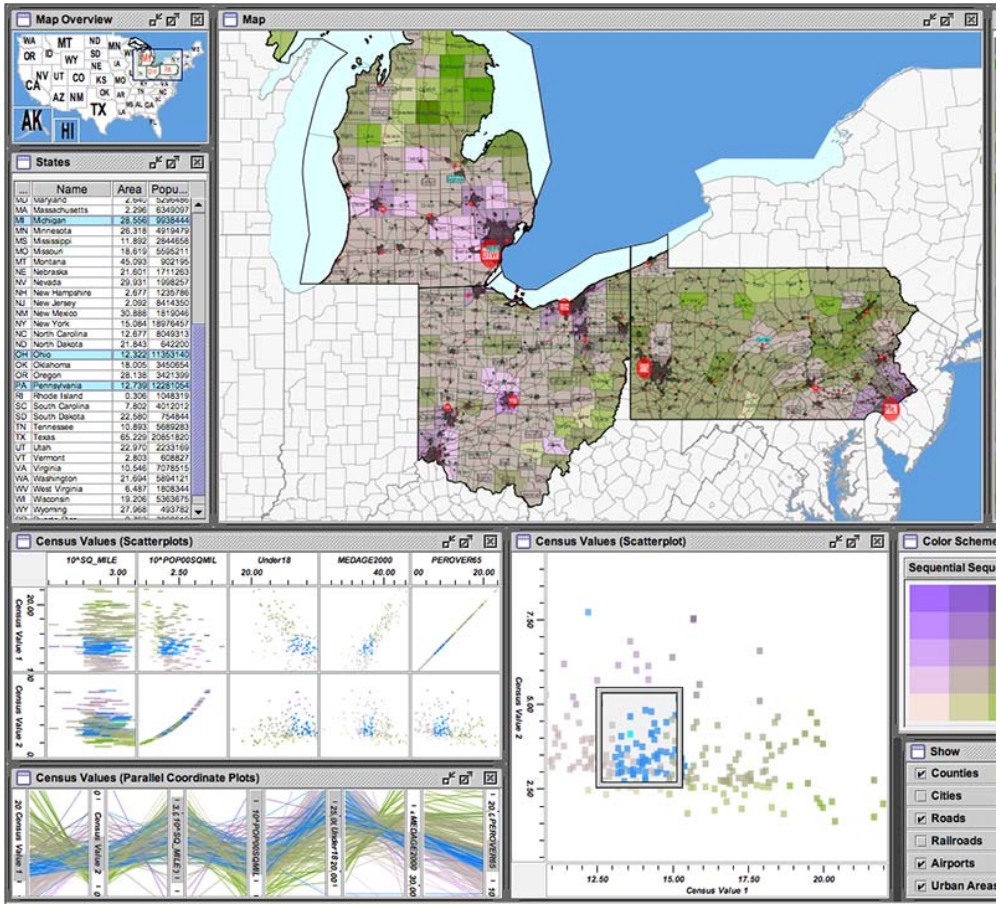
- Dedicated to analysis and visualization of relational data
- Extended to handle also associated non-relational data
- Rich set of graph drawing and graph analysis algorithms
- Attribute views + brushing&linking
- Views for geospatial data, e.g., Google Map view
- Extended by physical views in related project (Systrip)
- Multi-platform: Linux, MacOS X, Windows
- Data formats: CSV, GML, dot formats
- C++ framework extendable via plug-ins
- Well-documented open-source tool with good support
- Website: http://tulip.labri.fr/TulipDrupal/

Tableau Desktop

- Small-multiple display mainly for business intelligence data
- Connect to databases, files, spreadsheets, etc.
- Intuitive, Drag and drop
- Show Me
- Built-in data calculation

Improvise

- Build and browse highly-coordinated visualizations
- Shared-object coordination & visual abstraction language
- Requires little to no programming skills
- Platform-independent, Java framework available online (GPL)
- Limited wrt. support, documentation & tutorials



More Tools

- Not many tools incorporate attribute AND physical views
- Latter crucial for scientific data to depict spatial relations
- Other IVA tools (tiny selection):
  - Comvis: www.ii.uib.no/vis/... (send E-mail to: Kresimir Matkovic)
  - Visplore: www.cg.tuwien.ac.at/... (send E-mail to Harald Piringer)

  Include no physical views:
  - GGobi: www.ggobi.org/
  - XmdvTool: davis.wpi.edu/xmdv/

  Include special views for geospatial data:
  - Data-Driven Documents (D3): http://d3js.org/
  - Mondrian: rosuda.org/Mondrian/Mondrian.html

  Commercial:
  - Spotfire: spotfire.tibco.com/
  - MATLAB supports brushing&linking: http://www.mathworks.de/
- Comprehensive, sorted list: www.wikiviz.org/wiki/Tools