

About Graphviz

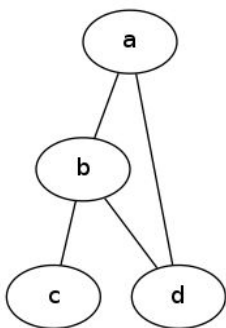
Graphviz (short for Graph Visualization Software) is a package of open-source tools initiated by AT&T Labs Research for drawing graphs specified in DOT language scripts. Graph visualization is a way of representing structural information as diagrams of abstract graphs and networks. It has important applications in networking, bioinformatics, software engineering, database and web design, machine learning, and in visual interfaces for other technical domains.

Some Applications of Graphviz

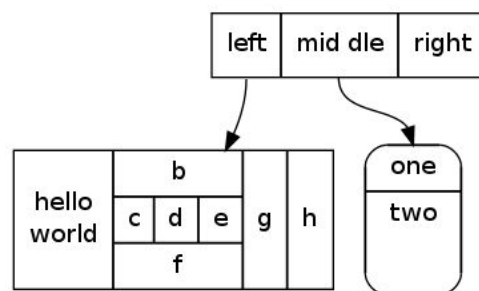
- **ArgoUML**
ArgoUML renders UML diagrams using Graphviz
- **Doxygen**
Doxygen uses Graphviz for generating class hierarchies and collaboration diagrams for source code
- **Bison**
Bison can output the grammar as dot for visualization of the language.
- **Sphinx**
Sphinx is a documentation generator that can use Graphviz to embed graphs in documents.

Sample Graphs rendered using Graphviz

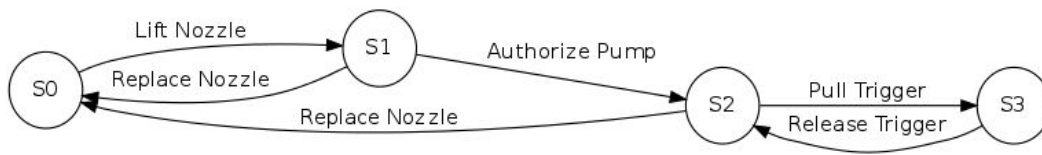
Simple graphs



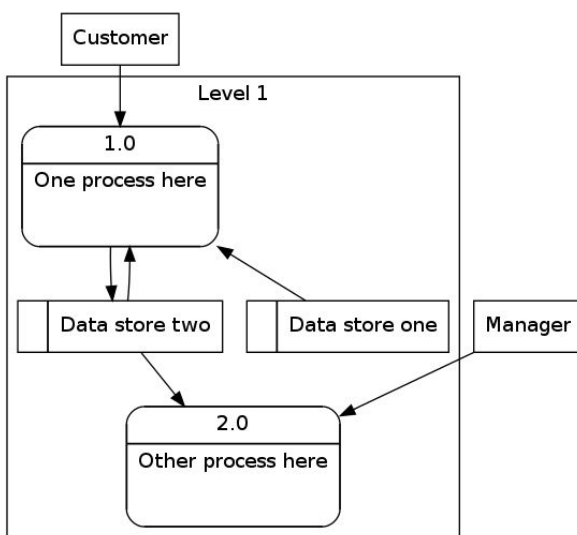
Block graphs



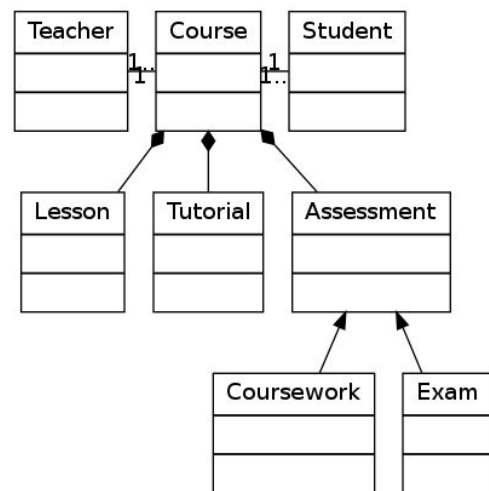
Finite State Machines



Data Flow Diagrams



Inheritance Diagrams



Complex Graphs

