

















Domain	Simple Machines
Graphics	Pixel arrays Transformation matrices Widgets Abstract depiction graphs
Word processing	Structured documents Layouts
Process control	Finite state machines
Income Tax Software	Hypertext Spreadsheets Form templates
Web pages	Hypertext Composite documents
Scientific computing	Matrices Mathematical functions
Banking	Spreadsheets Databases Transactions













































































Rule-Based Style

Inference engine parses user input and determines whether it is a fact/rule or a query. If it is a fact/rule, it adds this entry to the knowledge base. Otherwise, it queries the knowledge base for applicable rules and attempts to resolve the query.

Rule-Based Style (cont'd) Components: User interface, inference engine, knowledge base Connectors: Components are tightly interconnected, with direct procedure calls and/or shared memory. Data Elements: Facts and queries Behavior of the application can be very easily modified through addition or deletion of rules from the knowledge base. Caution: When a large number of rules are involved understanding the interactions between multiple rules affected by the same facts can become very difficult.





























