

PLAS framework is designed for easy development of multiplatform applications in form of finite-state machine in JAVA programming language. Target application can be distributed to multiple connected, user defined computer. User has full control over computation part of state machine and data flow ie. vertices of state machine and edges between them. Framework is transparent communication layer, delivers data to child states using user defined routing informations, which are defined in annotation of an object. Data can be split into multiple copies on demand (when state has multiple child states) so parts of automaton can process their own copy simultaneously. Split data can be again merged in user defined parts of state machine.