

PLAS framework is designed for easy development of multiplatform applications in form of component system in JAVA programming language. Target application can be distributed to multiple connected, user defined computer. User has full control over computation part of component and data flow ie. vertices of component system and edges between them. Framework acts as a 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 edges to child nodes defined) so parts of application can process their own copy simultaneously. Split data can be again merged in user defined parts of component system.