M-JVIS, M-JSYS
Java Libraries

M-JVIS and M-JSYS are libraries for creation of visualizations under Java that can be used platform-independently on Java-capable devices. The components are based on Java version 1.1.8.
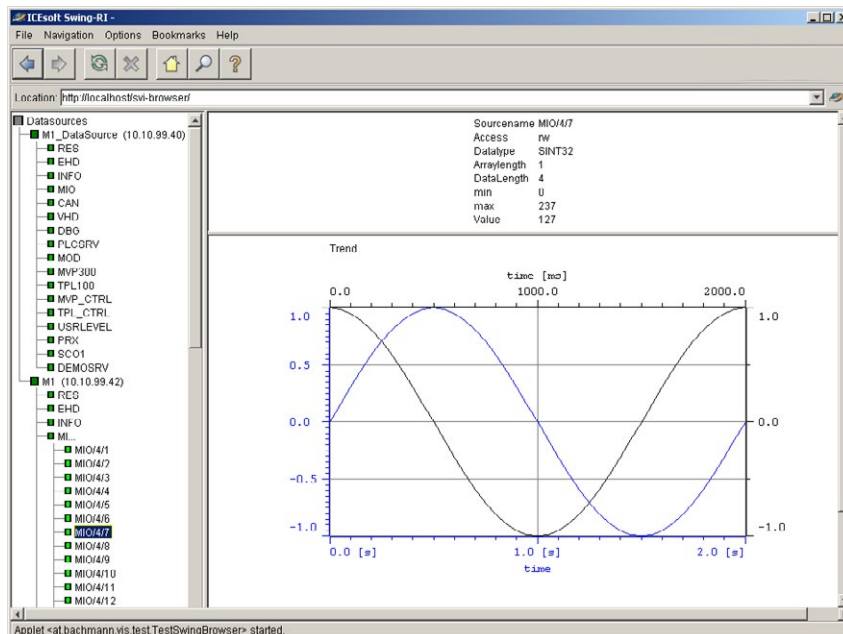
M-JVIS consists of the following packages:
• M-JVIS / DACC
• M-JVIS / UTIL
• M-JVIS / GUI

The packages are divided into two types of classes:
• Configuration classes that are implemented in the form of beans
• Runtime classes that allow a dynamic configuration and during runtime handle the management or presentation of the data

The configurations of all objects are stored in XML files.

M-JVIS / DACC

The M-JVIS / DACC package manages process variables and their values
(DACC = Data Access).

M-JVIS / DACC consists of the following components:
• Process variable management
• Recipe management
• Unit switchover
• Communication interface

M-JVIS / GUI

The M-JVIS / GUI contains the graphic components The graphic components are based on AWT.

M-JVIS / GUI consists of the following components:
• XY diagram
• Table
• Tree view
• Screen keyboard
• Input fields
• Button

M-JVIS / UTIL

The M-JVIS / UTIL package consists of the following components:
• Language management / language switchover
• Protocols
• Alarm handling
• Quality table / statistical process control

M-JSYS

The M-JSYS package allows general access to the control system.
• Read-out and change of the controller configuration
• RPCs for control
• Access to system software modules