Applications

Manufacturing
Simulation &

Optimization

Automated Robotic Maintenance System (ARMS™)

George Giles
Engineer
Waterjet Systems, Inc.
6000 Technology Drive
Huntsville, AL 35807
USA
205-721-5500
205-721-5505 (fax)

Automated Robotic Maintenance System (ARMS™) for aircraft, ship and aircraft engines.

IRIX version compatibility:

Equipment Management System (EMS)

Dan Phillips
Project Manager
Meta Systems, Inc.
1210 G Street
Arcata, CA 95540
USA
707-826-8686
707-822-2612 (fax)
phillips@metasystems.com

The Equipment Management System (EMS) is a powerful, distributed, client/server inventory control system. At its core, the architecture of EMS supports business requirements for superior scheduling and anlysis of availability over time for both coherent systems. The complexity involoved in scheduling parts and systems makes EMS ideally suited for use in processes inviolving high visibility inventories with complex interaction. EMS also links with foreign systems such as the corporate MRP, integrates strategic use of automatic data capture tools, and is modular in design to support distributed logistics functions with central finance and administration functions.

IRIX version compatibility:

Metaphase® 2.1

Jan Carron
Consultant
Metaphase Technology, Inc.
4201 Lexington Avenue,
North
ARH211
Arden Hills, MN 55126
USA
612-482-2170
612-482-4348 (fax)
jan.carron@cdc.com

Metaphase® 2.1 is an object management system with comprehensive workflow, product configuration, and imaging capabilities. Metaphase 2.1 can be used to address the follow areas: Product Data Management, Document Management, ISO 9000, management and concurrent engineering. Workflow capabilities include calendar based events, electronic sign-offs, serial and parallel processes, and decision-based processing. Product configuration capabilities allow for creation and maintenance of Bills of Material, graphical BOM navigation, serial and date based effectivity, alternates, options. Additional modules provide product structure, configuration management, and image view and markup features.

IRIX version compatibility:

Manufacturing Simulation & Optimization

Micro Saint Simulation Software©

Mark Brehon
Staff Software Engineer
Micro Analysis & Design
Simulation Software, Inc.
4900 Pearl East Circle
Suite 201E
Boulder, CO 80301
USA
303-442-6947
303-442-8274 (fax)
**mbrehon@madboulder.
com**
**http://www.madboulder.
com**

Micro Saint is a computer modeling and simulation tool designed for industries such as manufacturing, material handeling, service and ergonomics. It is used to solve problems in capacity plannning, resource analysis, process improvment, general system design and evaluation. Rather than writing code in a simulation language, user can graphically build models by drawing an "activity network". This defines the activities to be simulated as well as their base sequence. The full power needed for the most complex simulations is embedded within a highly useable package.

IRIX version compatibility:

Manufacturing Simulation & Optimization