
Description: As control systems become increasingly complex, there is a growing need for software tools for use in their design and implementation. Introducing proven, free-to-use software from the NIST's real-time control systems (RCS) library, this practical resource arms readers with the tools they need to construct hierarchical and distributed RCSs for challenging industrial applications. Featuring numerous design and implementation examples, this is a complete reference to high-technology automation solutions.

Market: Electronic Engineers and Computer Scientists involved with controls; Professionals in manufacturing, process control, and robotics.

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RCS TUTORIAL.

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Getting Started Quickly: RCS Essentials.

The Reference Model Architecture and RCS Applications.

RCS HANDBOOK.

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Programming in NML.

RCS Control Module.

Writing NML Configuration Files.

Other Classes and Functions.

RCS Diagnostics Tool.

Code Generation and Design Tool.

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Appendix B: Compilers and Makefiles.

Appendix C: General Operating System Concepts.

Appendix D: RCS Version Functions.

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