

Real-Time Graphical Monitoring and Data Acquisition for VxWorks

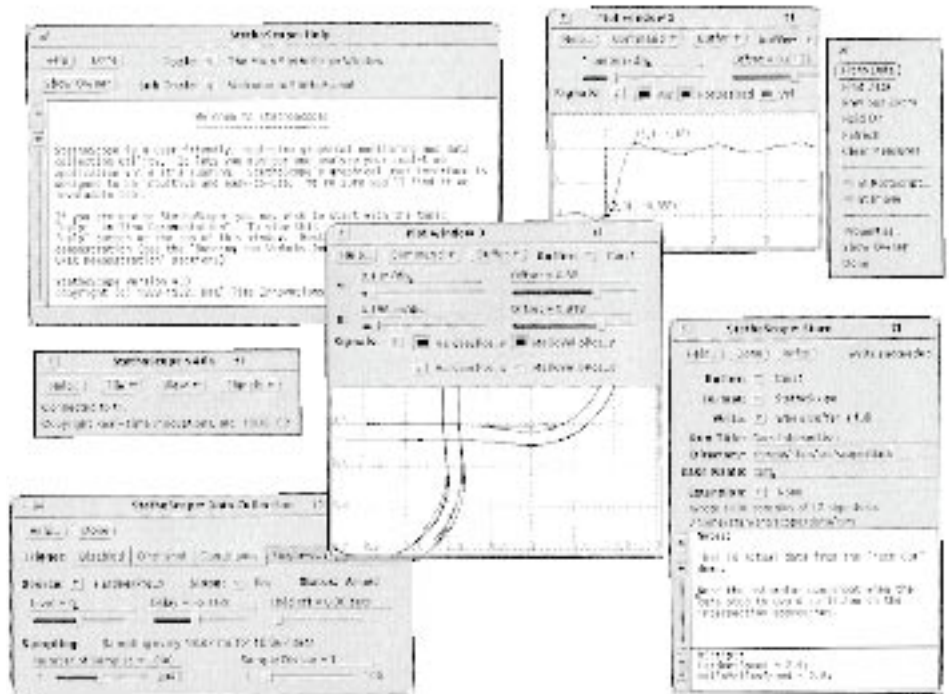
- Gain Insight Into What's Really Happening in Your System
- Real-Time Data Collection and Display
- Monitor Any Program Variables
- Export Data to MATLAB and MatrixX
- Friendly Multi-Window Environment
- Procedure-by-Procedure Analysis of CPU Usage

StethoScope is a user-friendly graphical monitoring and data collection tool. StethoScope's powerful multi-window environment lets you examine and analyze your real-time application while it is running.

StethoScope consists of two distinct modules: a multi-window graphical user interface that runs under X11 on your workstation and a real-time signal manager that runs on your VxWorks target. The real-time module collects and buffers time histories of any variables in your application.

StethoScope also includes ScopeProfile, a dynamic execution profiler for VxWorks. It allows analyzing the execution flow of VxWorks programs on a procedure-by-procedure basis. The resulting display clearly shows where your performance problems are.

Finally, StethoScope comes with RTILib, a collection of utilities including a memory integrity tester, an execution tracing facility, a re-entrant shell program, a fast buffer management package and more.



CONFIGURATIONS SUPPORTED:

Host: Sun4, Solaris 2.x, HP9000
Targets: i960[®] Microprocessors

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