

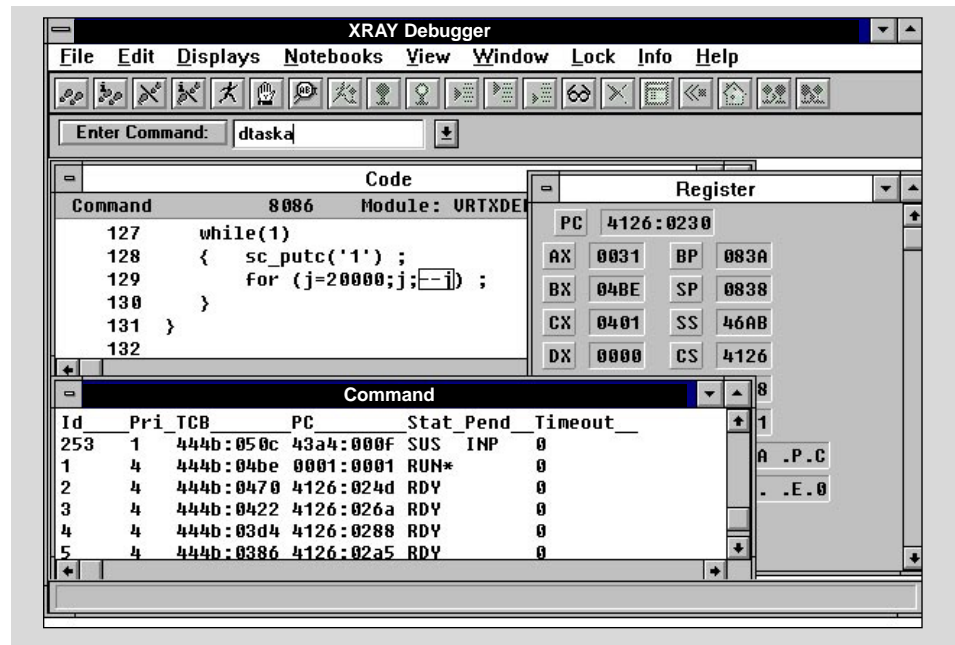
VRTX x86/rm Application Development Kit

- Complete Real-Time Development Solution
- Fast, Compact, Proven VRTX Real-Time Operating System
- DOS-Compatible File I/O
- ANSI C Compiler for Embedded Applications
- Assembler, Linker/Locator Package
- Windows-Based XRAY Debugger
- OS-Aware Debugging
- Complete – No Third Party Tools Required
- Single Source for Support

The VRTX x86/rm Kit is a complete, integrated real-time application development kit for real mode 80x86 applications. The kit supports real-time application development across the entire embedded 80x86 product line, including all members of the 80C18X family, as well as Intel386™ and Intel486™ processors operating in real mode. The VRTX x86/rm Kit provides a fast, compact, fully featured real-time operating system along with a complete set of guaranteed-compatible PC-hosted development tools (C compiler, assembler, linker, library manager, runtime library and utilities) and a Windows-based, OS-aware, source level debugger.

The heart of the VRTX x86/rm Kit is the proven VRTX x86/rm real-time kernel. While the VRTX operating system has undergone a steady series of enhancements since first introduced in 1982, it has retained the speed and compactness of the original kernel, along with full upward compatibility. Its modular, extensible architecture now supports an optional I/O and File Management facility offering DOS compatible media support, and an optional window management module.

A complete set of compatible development tools are provided, including an ANSI C compiler, Windows-based source level debugger, macro assembler, linker/locator and librarian. Together, they constitute an advanced toolkit designed



for the development of efficient, portable and easy to maintain embedded 80x86 applications.

The MCC x86/rm compiler, developed specifically for embedded applications, can generate ROMable, reentrant programs. It supports all of the ANSI C language constructs, a variety of memory models as well as mixed model programming with near and far pointers. The XRAY debugger for Windows accepts detailed debug information from the compiler that allows the developer to maintain high level control over the flow of program execution. The powerful command structure and C-like macro facility provide a rich, flexible debugging environment. Through the use of a compact monitor module, XRAY provides target based debugging on virtually any 80x86 based hardware from a PC host with minimal intrusion.

HOST SYSTEMS SUPPORTED:
PC/AT, compiler, assembler and XRAY debugger also available on Sun4

PROCESSORS SUPPORTED:
80186, 80C186,
80C186XL/EA/EB/EC, 80188,
80C188, 80C188XL/EA/EB/EC,
80L188EA/EB/EC, Intel386
CX/EX/SX/SXSA/DX, Intel486 SX,
IntelDX2™, IntelDX4™, and Pentium®
processors

AVAILABILITY:
Now

CONTACT:
Microtec
2350 Mission College Blvd.
Santa Clara, CA 95054
Phone: (800) 950-5554
(408) 980-1300
FAX: (408) 982-8266
e-mail: paulr@mri.com
BBS: (408) 982-5804
WWW: <http://www.mri.com>

