



Red Suite™ 2

Development tools for ARM® based Microcontrollers

Professional tools for less than \$1000

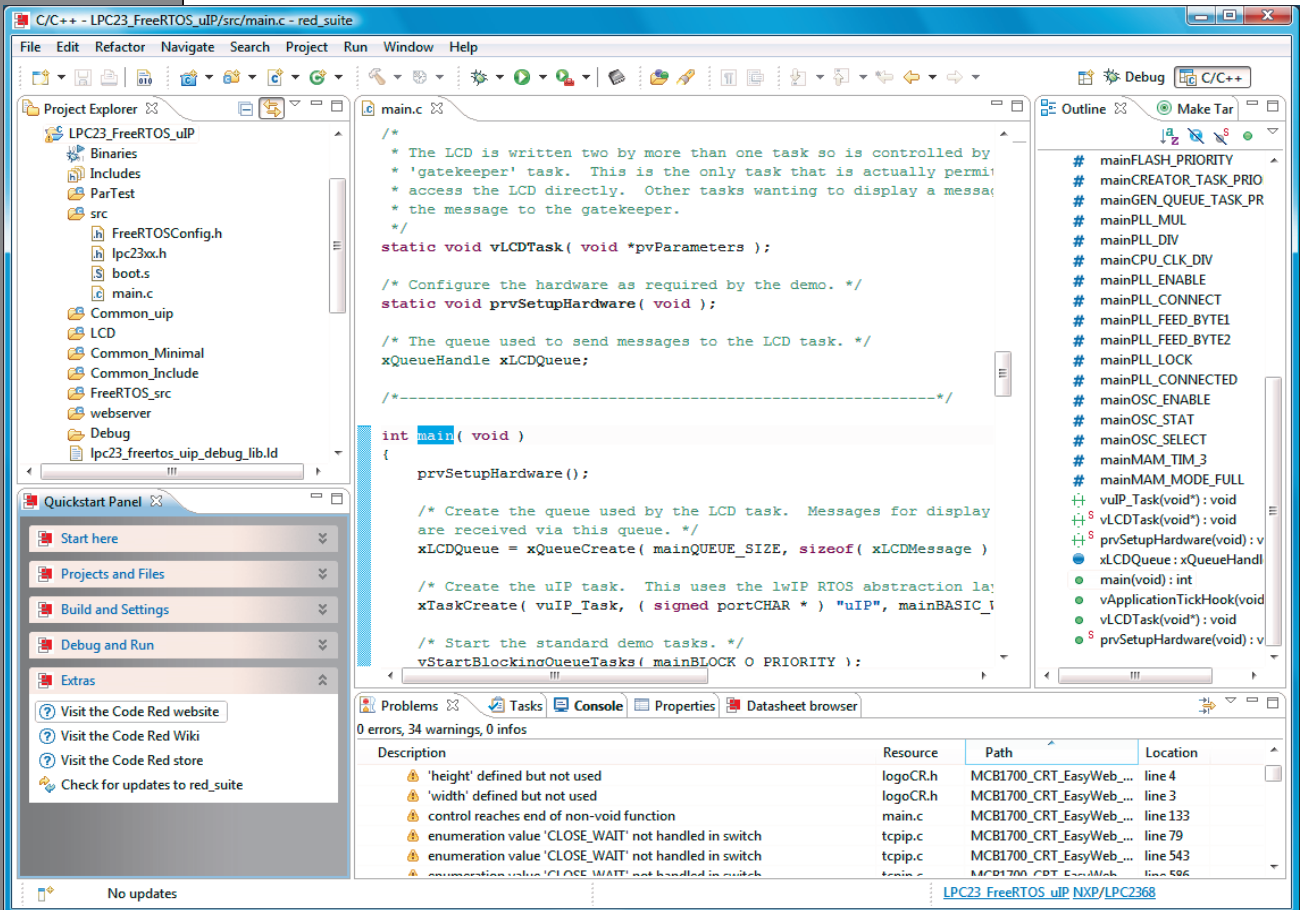
RED SUITE

Red Suite is a highly integrated software development environment for ARM

-based Microcontrollers, which includes all the tools necessary to develop high quality software solutions in a timely and cost effective fashion.

The Red Suite IDE is based on Eclipse with many Microcontroller specific enhancements.

It also features the latest version of the industry standard GNU toolchain allowing us to provide professional quality tools at low cost.



Red Suite IDE

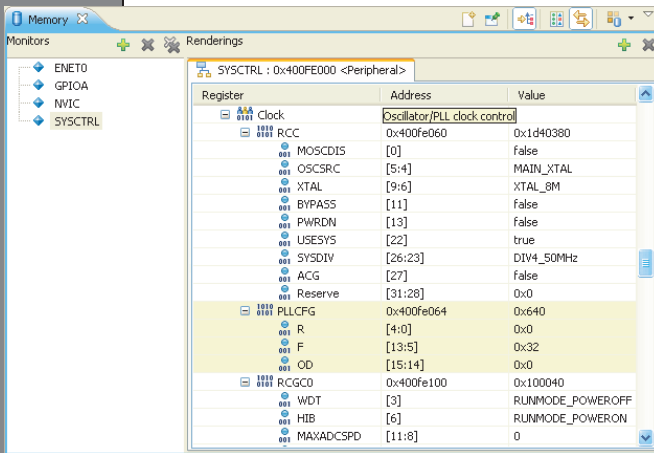
KEY BENEFITS

- Sophisticated Eclipse-based Integrated Development Environment.
- Device-specific support for more than 180 microcontrollers from NXP and Luminary Micro
- Unique Red Trace capabilities giving unprecedented visibility into microcontroller execution.
- Wizards to create microcontroller programming frameworks, fast.
- Peripherals views of all supported microcontrollers.
- Full support for both JTAG and low-pin count SWD debugging.
- No-fuss, single install for complete product.
- Included 1-year of support with each licensed seat of the tools.
- Fully functional 90-day evaluation.
- Available for Windows XP and Windows Vista.
- Discounts available: 20% for 2-5 copies, 25% for 6-10, 30% for 11+

Features

PERIPHERAL VIEWS

The peripheral viewer provides complete visibility of all registers and bit-fields in all target peripherals in a simple tree-structured display.



Peripheral View

The Red Suite Integrated Development Environment (IDE) provides a C/C++ programming environment second to none, with syntax-coloring, source formatting, function folding, online and offline integrated help, extensive project management automation and integrated source repository support (CVS integrated or Subversion via download).

Features include:

- Wizards create projects for all supported microcontrollers
- Automatic linker script generation including support for microcontroller memory maps
- Direct download to flash when debugging
- Built-in datasheet browser

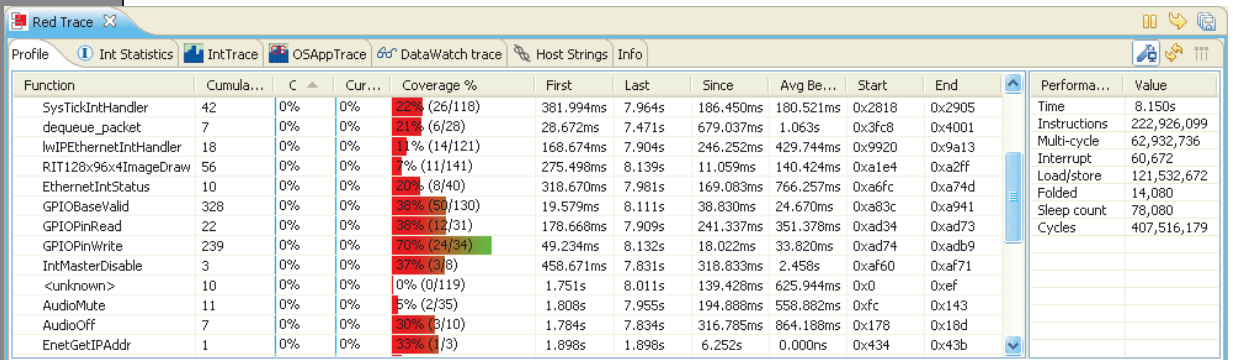
RED TRACE

When used with Cortex-M3 based Microcontrollers, the integrated Red Trace functionality gives the developer an unprecedented level of visibility into what is really happening on the target device.

Unlike traditional trace solutions, Red Trace is a non-stopping technology that continues to gather information completely non-intrusively as the target code executes.

With Cortex-M3 based microcontrollers, Red Suite can take advantage of its advanced features, including:

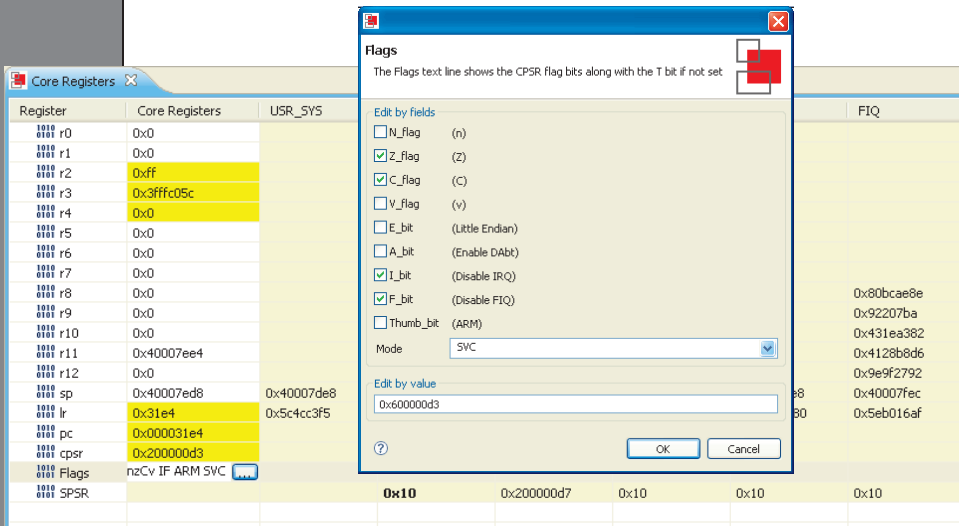
- Full support for Serial Wire Viewing (SWV) through our Red Trace™ technology, unique in its class of tools
- No assembler required, even for start-up code and interrupt handlers.



Profile Trace

REGISTER VIEW

A powerful processor-register viewer is provided that gives access to all processors register and provides smart formatting for complex registers such as flags and status registers.



ARM7 Register View and Flags editor



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