V Rowley Associates Limited, vydali ďaľšiu verziu svojho produktu CrossWorks for MSP430 v 2.0.9.

Vlastnosti
Podporované OS:

- Windows 7 (x86 and x64), Vista (x86 and x64), XP and 2000

- Mac OS X 10.6 Snow Leopard, 10.5 Leopard and 10.4 Tiger

- Linux kernel 2.6 and above (x86 and x64) - CrossWorks has been tested on Ubuntu 9.10, Ubuntu 8.04 LTS, Ubuntu 6.06 LTS, openSUSE 10.3, Debian 4.0 and PCLinuxOS 2007

- Solaris 10 (x86) - CrossWorks has been tested on Solaris 10 5/09 and OpenSolaris 2009.06

Podporované procesory
Všetky rady F1xx, F2xx, F4xx, a F5xx.
Podporované je štandartné 16-bitové jadro MSP430 a aj nové MSP430X.

Cena
1500,- USD - Commercial License
300,- USD - Educational License
150,- USD - Personal License

Úpravy v poslednej verzii - release 2.0.9

- Added MSP430/MSP430X/MSP430Xv2 JTAG support to CrossConnect for ARM. You will need the latest firmware installed and you will have to wire up the 20-pin ARM interface to the 14-pin MSP430 connector. Note that the ARM NTRST signal is mapped to the MSP430 TEST signal. The ARM NSRST, TDI, TMS, TCK, TDO, VCC and GND signals map to the equivalent MSP430 signals.

- Removed warning on non-portable characters to alleviate warnings with standard ISO code pages.

- Fixed C preprocessor operator associativity in C compiler and assembler.

- Fixed MSP430X function call through stack-located function pointer.

- Added support for PUSHX and POPX pseudo in assembler.

- Fixed structure assignment from function call to complex address.

- Fixed modifying bitfields in nested structures in the debugger.

- Target connect doesn't require a project to be loaded.

- Added new target property to target interfaces to specify the number of hardware breakpoints to reserve when software breakpoints are enabled.

- Firmware upgrade is now done on connect to MSP430.dll targets.

- Added entry into targets window context menu to select the particular target to connect to.

- Added support for code generation of MSP430X instructions on devices with less than 64K of memory.

- Added a "No Load Sections" target property.

- Added a debug_enabled() function that returns true if the application is being debugged.

- CTL now has a seperate interrupt stack. You must specify the size in bytes (which must be an even number) with the linker symbol CTL_IRQ_STACK_SIZE.

- Enhancements to the threads window

  - The filename of the threads script need not be fixed as threads.js it can now be specified using the Threads Script file type property.

  - The threads script can specify the set of displayed columns.

  - Can be sorted by clicking on a column.

  - Gives a better indication of the selected thread.

  - The threads script can be written so that the register state of a thread is retrieved when the thread is selected.

  - The threads script has access to the TargetInterface object.

Odkazy

CrossWorks for MSP 430 Homepage
CrossWorks for MSP430 30-day evaluation
Online Documentation