

SDTSRV EXAMPLES (ARM9) README

Overview

This directory contains all the source and library files required to generate a sample application which tests some of ARM9 diagnostics using XMLGUI application with dynamically created GUI elements defined in the xml files. This application is tested in a CCS 3.1 environment when installed with 5912OSK.

Finding More Information

- If you are interested in source code to the XMLGUI.exe application or XMLPARSER.dll, visit KRKsoft at <http://www.krksoft.com/sd/>.

Build Environment

- Target – C5000dsk, CCS 3.1 tools
- Host - WinXP Pro, MSVC 6.0 with Service Pack 5

Assumptions

- All files are installed and copied into <CCS_INSTALLDIR> \specdig \sdtsrv \Examples directory maintaining the relative directory structure.
- The Directory structure must be exactly duplicated within CCS install for the diagnostic to find emulation drivers.

Directory Structure

- <CCS_INSTALLDIR>\specdig \sdtsrv \Examples
 - \Coff- Generic coff files
 - \ARM9 - directories specific to ARM9
 - \bin-Binary and .dll files required for both the target and host (this is the main working directory).
 - \Common-ARM9 Target specific files.
 - \Target-Output files
 - ARM9-Output files specific to osk5912.
 - \TestArm9mfc-Source files required to build TestArm9mfc.dll (Host Test code).

Running the application

- Connect your osk (OSK5912) to PC and power the osk.
- Double-click on the XMLGUI.exe from the dsk6000 working directory.
- Open TestARM9_PPEMU.SDP project in the XMLGUI window if your target is connected to PC via XDS510PP emulator.

- Open TestARM9_USB.SDP project in the XMLGUI window if the target is connected to PC via XDS510USB emulator.
- A really basic memory and register tests can be done for the target by checking the checkboxes in the Test window.
- Press the start button to see the results on the output window.

Sample Output

