SDTSRV EXAMPLES (DSK6000) README

Overview

This directory contains all the source and library files required to generate a sample application which tests some of C6000 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 6416dsk and 6713dsk and in a CCS 3.2 environment when installed with 6455dsk.

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 - C6000dsk,CCS 3.1 tools,CCS 3.2 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
    - \dsk6000 - directories specific to 6000
        - \bin-Binary and .dll files required for both the target and host (this is the main working directory).
        - \Common-6000 Target specific files.
        - \Target-Output files
            - Dsk6416-Output files specific to dsk6416 (Source can be found at <CCSINSTALLDIR>\examples\target directory).
            - Dsk6713-Output files specific to dsk6713 (Source can be found at <CCSINSTALLDIR>\examples\target directory).
            - Dsk645x-Output files specific to dsk6455 (Source can be found at <CCSINSTALLDIR>\examples\target directory).
        - \Test6xmfc-Source files required to build Test6xmfc.dll (Host Test code).

Running the application

- Connect your dsks (dsk6416 or dsk6713 or dsk6455) to PC and power the dsk.
- Double-click on the XMLGUI.exe from the dsk6000 working directory.
- Open TestDSKtarget_USB.SDP project in the XMLGUI window if your target is connected to PC via USB.
- Open TestDSKtarget_XDS510USB.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