

SDTSRV EXAMPLES (eZdsp2000) README

Overview

This directory contains all the source and library files required to generate a sample application which tests all of eZdspF2808 diagnostics using XMLGUI application with dynamically created GUI elements defined in the xml files. This application is only tested in a CCS 3.1 environment when installed with the 2808 eZdsp kit.

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 - C2000 eZdsp 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_INSTALLDIR> for the diagnostic to find emulation drivers.

Directory Structure

- <CCS_INSTALLDIR> \specdig \sdtsrv \Examples
 - \Coff- Generic coff files
 - \eZdsp2000 - directories specific to F2808
 - \bin-Binary and .dll files required for both the target and host (this is the main working directory).
 - \Common-2808 Target specific files.
 - \Target-Output files
 - The source for output files are in <CCS_INSTALLDIR>\boards\2808EZDSPUSB\2808eZdspUSBDiags\Target directory.
 - \Test28xmfc-Source files required to build Test28xmfc.dll (Host Test code).

Running the application

- Connect your eZdsp to PC and power the eZdsp.
- Double-click on the XMLGUI.exe from the F2808 working directory.

- Open 2808UsbDiags_USB.SDP project in the XMLGUI window if your target is connected to PC via USB.
- Open 2808UsbDiags_XDS510USB.SDP project in the XMLGUI window if the target is connected to PC via XDS510USB emulator.
- For SCI Test connect SCI-A to SCI-B (P10 - J10) with external cable.
- For CAN test connect CAN-A to CAN-B (P11 - J11) with external cable.
- Press the start button to see the results on the output window

Sample Output

