

HighTec Tricore Debugger

Abstract

This document describes the usage of the HighTec Tricore debugger as target system. Please note, that debugging using the HighTec GNU debugger frontend is not supported at the moment. TESSY runs the test without using the GUI frontend of the debugger.

Table of Contents

Abstract	1
HighTec GNU Debugger	2
Starting the Debug Server.....	2

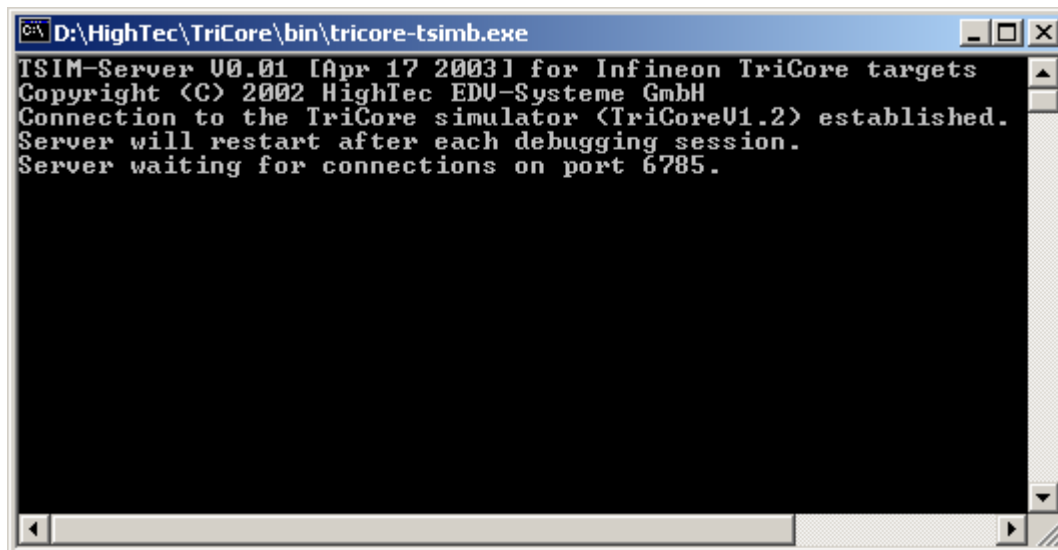
HighTec GNU Debugger

The communication between TESSY and the debug server is based on the STDIN/STDOUT connection to the debug server. This implies, that the GUI may not be used during the test run. There is no debugging possible, you may only change the input and expected values within TESSY to adjust failed testcases.

Starting the Debug Server

An appropriate debug server need to be started before executing tests from TESSY. You should start the same debug server, that you are using for normal debugging. The available debug servers are located within the installation directory of the HighTec GNU debugger (e.g. C:\HighTec\TriCore\bin).

The following DOS window will be displayed after starting the appropriate debug server (e.g. tricore-tsimb.exe):



```
D:\HighTec\TriCore\bin\tricore-tsimb.exe
TSIM-Server V0.01 [Apr 17 2003] for Infineon TriCore targets
Copyright (C) 2002 HighTec EDU-Systeme GmbH
Connection to the TriCore simulator (TriCoreV1.2) established.
Server will restart after each debugging session.
Server waiting for connections on port 6785.
```