

Hercules™ Software Diagnostic Library CSP Without LDRA

This document serves as the Installation Guide for the Hercules Software Diagnostic Library-TAU that contains the items:

- Hercules Software Diagnostic Library CSP Documents and Reports
- Hercules Software Diagnostic Library Test Automation unit (Hercules Software Diagnostic library TAU)

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1 Software Prerequisite

- OS: Windows Operating System version 7 or higher
- Code Composer Studio™ 5.4 (or higher)
- Microsoft Office 2007 (or higher)
- Perl 5.x. Download Link → <http://www.perl.org/get.html#windows>
- LDRAunit-TI-Qual 9.4.3 (or higher)

NOTE: LDRA Unit is not provided as a part of the CSP download. To re-run the unit tests using the included Test automation unit software, customers are required to purchase and install LDRA Unit software from LDRA. This guide explains LDRA Unit installation settings required for the Test automation unit. For more information, see the [Hercules Software Diagnostic Library CSP without LDRA User's Guide](#).

2 Steps to Install Hercules Software Diagnostic Library -TAU

1. Select Installer
Run Software Diagnostic Library-TAU-<device>-xx.yy.zz-installer.exe
2. Choosing Install Components
Select all the visible components (as shown in [Figure 1](#)). Click next to start the installation.

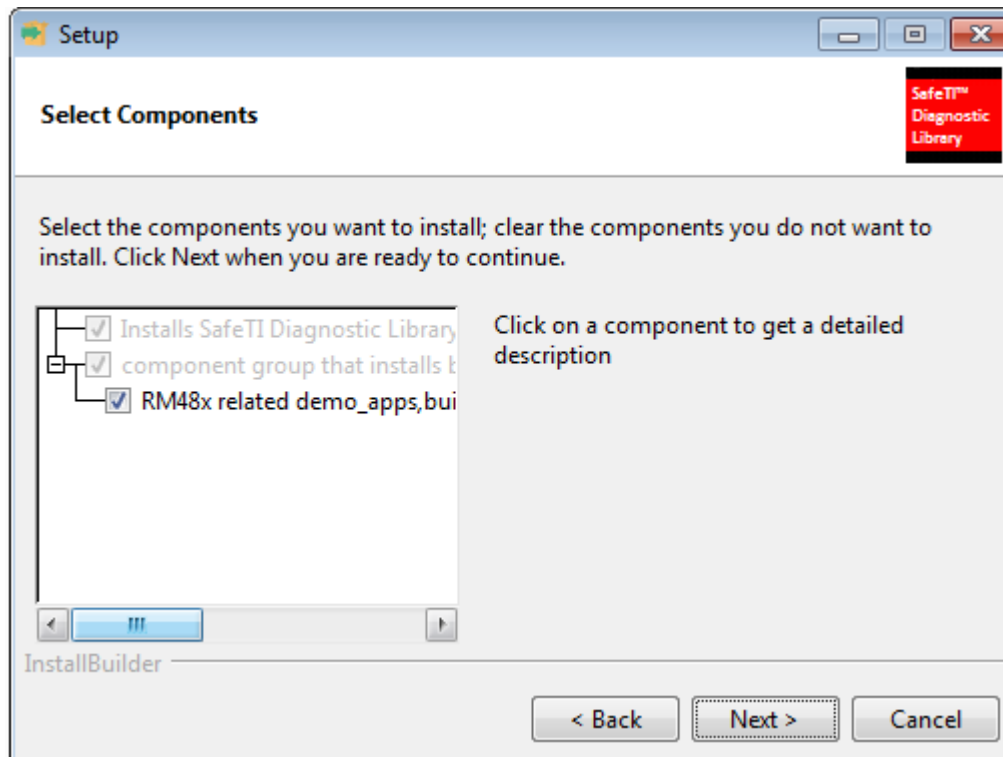


Figure 1. Install Components

3 Setting Up LDRA Unit

1. LDRA Unit – Compiler Selection

Choose Texas Instruments Code Composer v5.0 RM48L950 Hercules Serial (as shown in [Figure 2](#)).

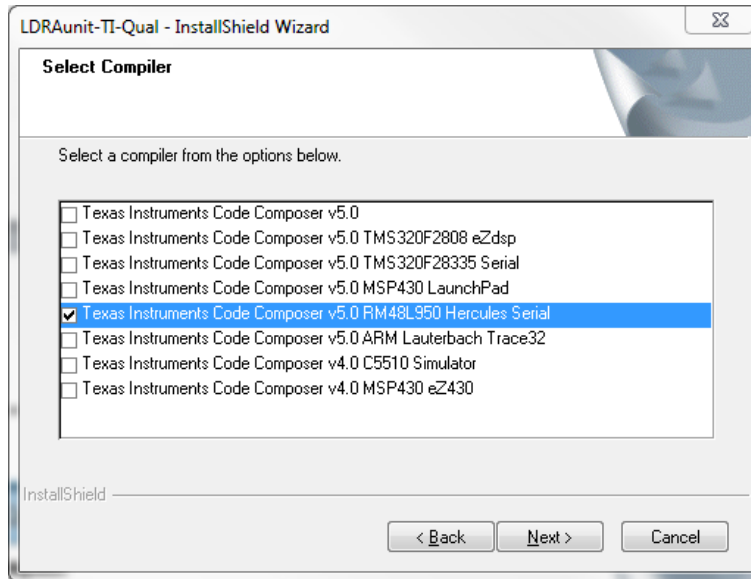


Figure 2. Select Compiler

2. LDRA Unit – Coverage Selection

Leave it Default.

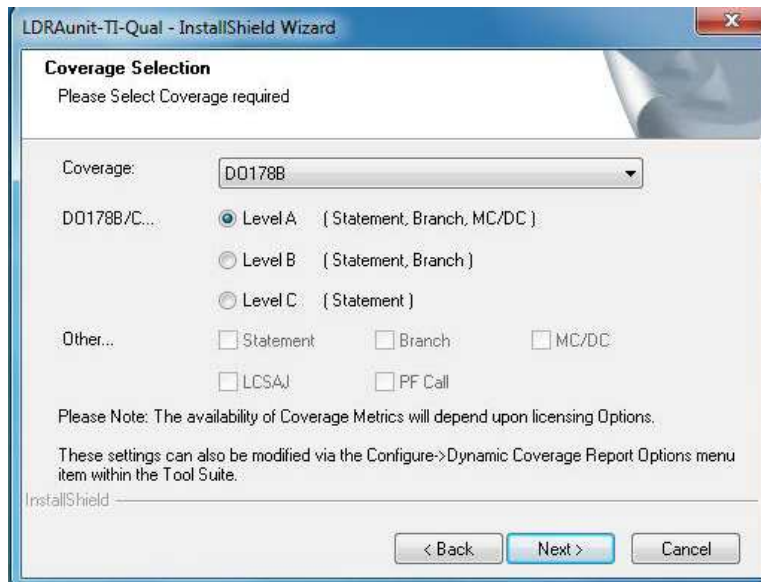


Figure 3. Coverage Selection

3. LDRA Unit – Source Code Browser Selection
Leave it Default or Browse to the desired Editor.

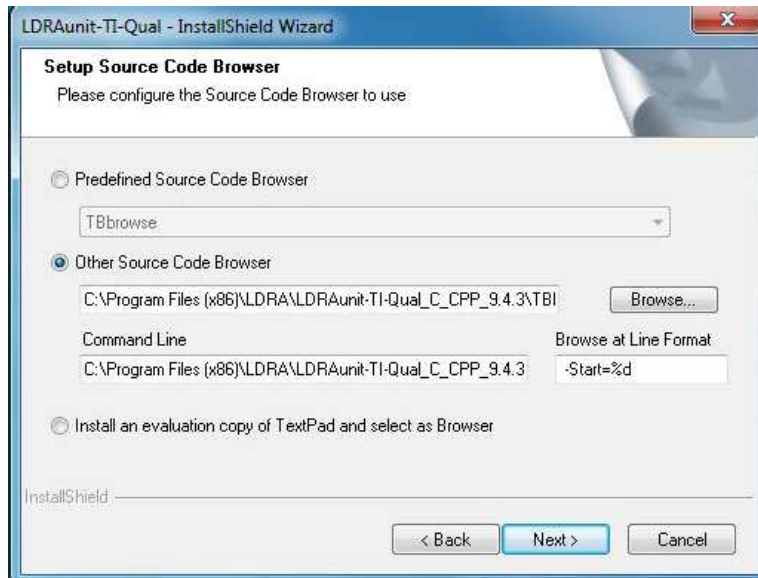


Figure 4. Source Code Browser Selection

4. LDRA Unit – Choose TI CCS Install Path
Default: c:\ti\ccsv5\, browse to the latest TI CCS installation folder CCS5 or CCS6

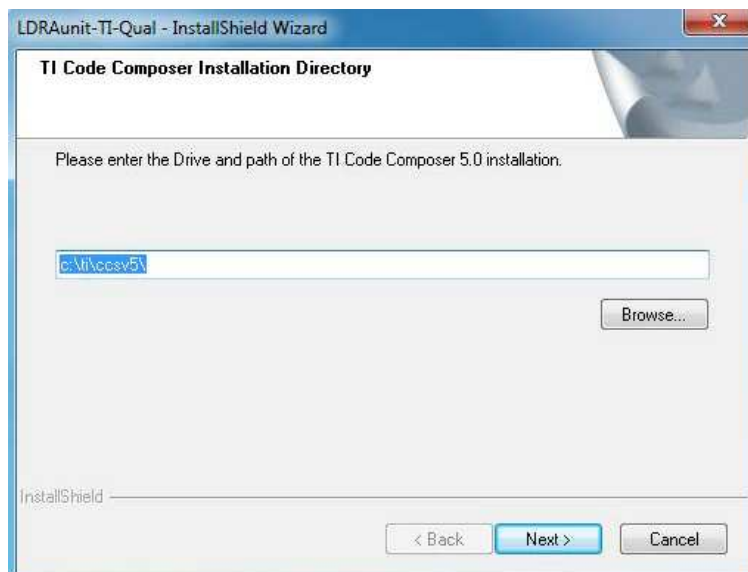


Figure 5. TI Code Composer Installation Directory

- LDRA Unit – Project Configuration
Leave it Default to LDRA.

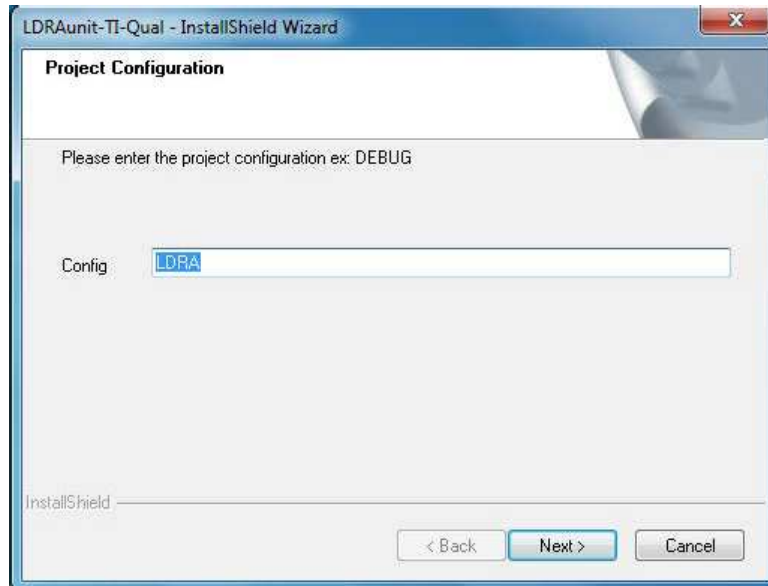


Figure 6. Project Configuration

- LDRA Unit – Check LDRA FlexLM Server Status
After Installation of the LDRA Unit and before using the Hercules Software Diagnostic Library TAU, check whether the LDRA FlexLM license Server is up and running by using the steps shown in [Figure 7](#) and [Figure 8](#).

NOTE: License Configuration Manager must be run as Admin.

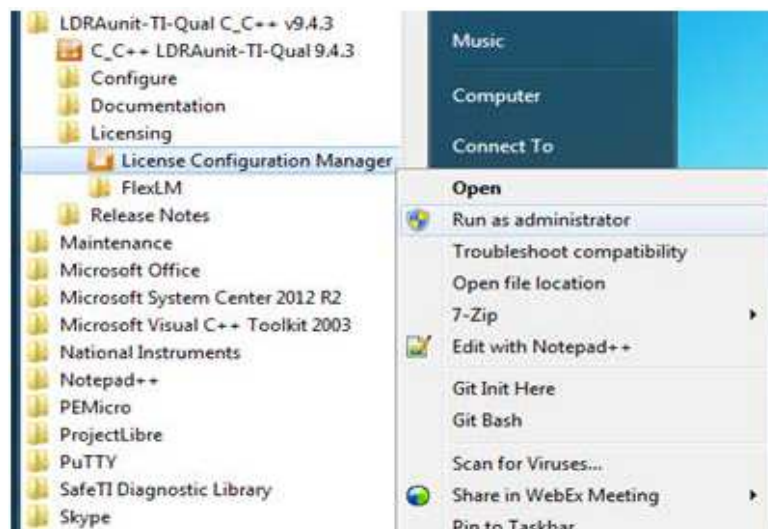


Figure 7. License Configuration Manager

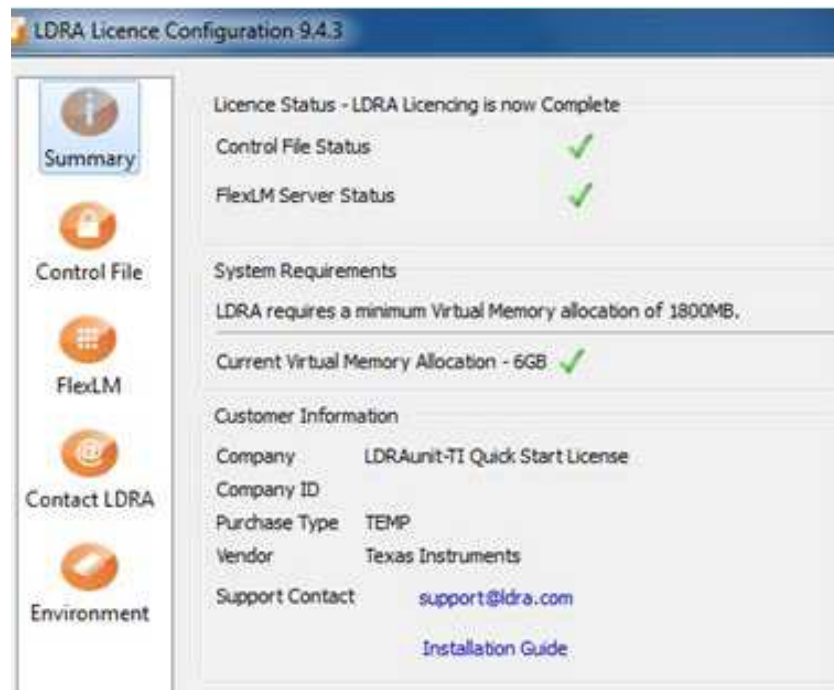


Figure 8. License Configuration Manager 9.4.3

NOTE: IF you see FlexLM Server Status as ✘, either the License is expired or the FlexLM service is not started. Restart or Start the FlexLM License Service in Windows as shown in Figure 9.

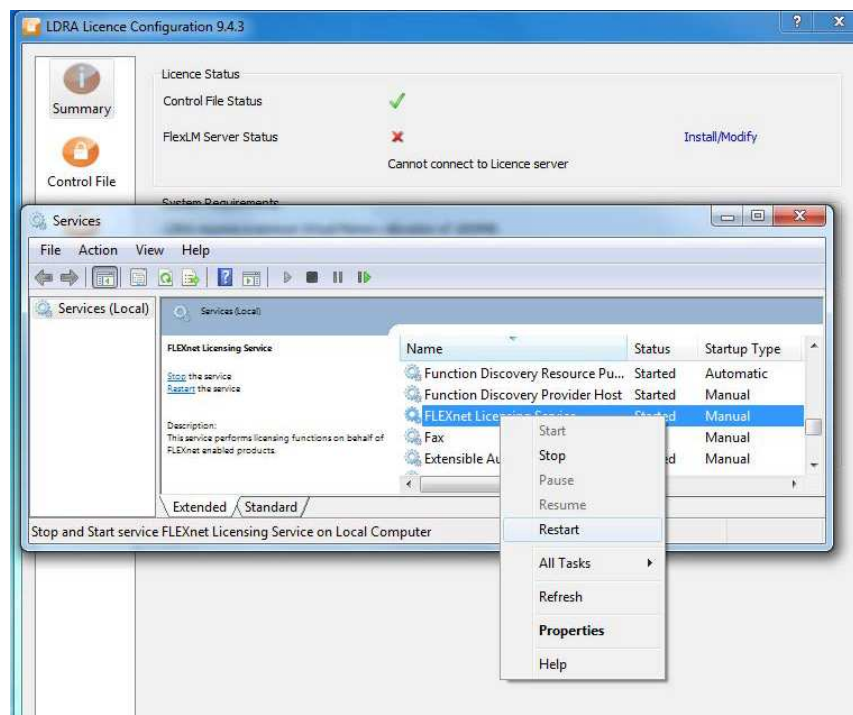


Figure 9. Start/Restart FlexLM License Service

4 References

- Texas Instruments: [Hercules Software Diagnostic Library CSP Without LDRA User's Guide](#)

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