

SPNU614B–February 2014–Revised January 2020



# Hercules<sup>™</sup> Software Diagnostic Library - TAU

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<sup>™</sup> 5.4 (or higher)
- Microsoft Office 2007 (or higher)
- Perl 5.x. Download Link → http://www.perl.org/get.html#win32



## 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.

🗣 Setup	
Select Components	SafeTi <sup>ree</sup> Diagnostic Library
Select the components you want to instal install. Click Next when you are ready to o	ll; clear the components you do not want to continue.
Installs SafeTI Diagnostic Librar  LDRA Unit v9.4.3  Component group that installs I	Click on a component to get a detailed description
► I RM46x related demo_apps, bu	
BitRock Installer	
	< Back Next > Cancel

Figure 1. Install Components

3. LDRA Unit - Compiler Selection

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

	LDRAunit-TI-Qual - InstallShield Wizard	23
	Select Compiler	
	Select a compiler from the options below.	
l	Texas Instruments Code Composer v5.0	
	Texas Instruments Code Composer v5.0 TMS320F2808 eZdsp	
l	Texas Instruments Code Composer v5.0 TMS320F28335 Serial	
	Texas Instruments Code Composer v5.0 MSP430 LaunchPad	
	Texas Instruments Code Composer v5.0 RM48L950 Hercules Serial	
	Texas Instruments Code Composer v5.0 ARM Lauterbach Trace32	
	Texas Instruments Code Composer v4.0 C5510 Simulator	
J	Texas Instruments Code Composer v4.0 MSP430 eZ430	
1		
	InstallShield	
	<pre></pre>	el





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- 4. LDRA Unit Coverage Selection
  - Leave it Default.

Please Select Co			V	
Coverage:	D0178B		•	
D0178B/C	Level A (	Statement, Branch, MC/	/DC )	
	🔘 Level B 🛛 (	Statement, Branch )		
	🔘 Level C 🛛 (	Statement )		
Other	Statement	Branch	MC/DC	
	LCSAJ	PF Call		
Please Note: The	availability of Covera	ge Metrics will depend u	pon licensing Options.	
These settings ca item within the To		a the Configure->Dynami	c Coverage Report Op	otions mer

Figure 3. Coverage Selection

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

etup Source Code Browser Please configure the Source Code Browser to use	
Predefined Source Code Browser	
TBbrowse	*
Other Source Code Browser	
C:\Program Files (x86)\LDRA\LDRAunit-TI-Qual_C_CPP_9.4.	3\TBI Browse
Command Line	Browse at Line Format
C:\Program Files (x86)\LDRA\LDRAunit-TI-Qual_C_CPP_9.4.	3 -Start=%d
Install an evaluation copy of TextPad and select as Browser IIShield	

Figure 4. Source Code Browser Selection



 LDRA Unit – Choose TI CCS Install Path Default: c:\ti\ccs5\, browse to the latest TI CCS installation folder CCS5 or CCS6

allation.
Browse

Figure 5. TI Code Composer Installation Directory

 LDRA Unit – Project Configuration Leave it Default to LDRA.

Project Configuration				24
Please enter the project con	figuration ex:	DEBUG		
Config DRA				]
stallShield		< Bac	st>	Cancel

# Figure 6. Project Configuration

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8. LDRA Unit – Check LDRA FlexLM Server Status

After Installation of the LDRA Unit and before using the Software Hercules 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.

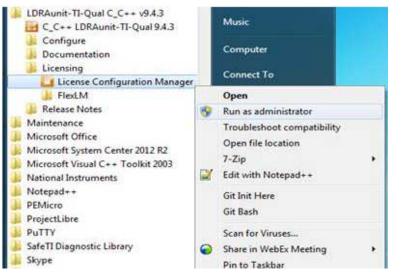


Figure 7. License Configuration Manager

	Licence Status - LDRA Licending is now Complete
Summary	Control File Status
C	FlexLM Server Status
Control File	System Requirements
-	LDRA requires a minimum Virtual Memory allocation of 1800MB.
FlexLM	Current Virtual Memory Allocation - 6G8 🗹
	Customer Information
0	Company LDRAunit-TI Quick Start License
ontact LDRA	Company ID
	Purchase Type TEMP
	Vendor Texas Instruments
nvironment	Support Contact support@idra.com
	Installation Guide

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.

Summary Control File		✓ ★ Cannot connect to Licence	server	I	nstall/Modify	
Services	Svetom Docurremente	former of street,				x
File Action	/iew Help					
(= -) 🔂 🖸						
Services (Loca	O Services Social      ID// Services Social      ID// Service      Samer the service      Description:      This service performs licensing functions on behalf of      ID// Ref enabled products	Name Function Discover Function Discover Function Discover Fax Extensible Au	y Provider Host		Startup Type Automatic Manual Manual Manual Manual	•
	Extended Standard	•	Resume			<u> </u>
top and Start sen	ice FLEXnet Licensing Service on Local Co	mputer	Restart All Tasks		_	-
itop and Start sen	- Announced Announced	mputer		×	_	_

Figure 9. Start/Restart FlexLM License Service



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# **Revision History**

#### NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

#### Changes from A Revision (May 2019) to B Revision

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