Category:Code Composer Studio v5
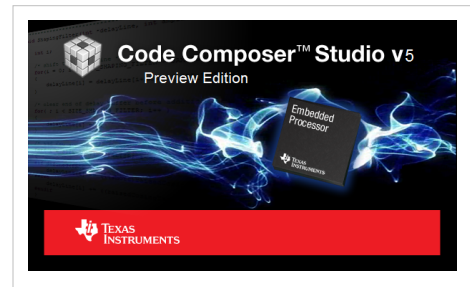
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Overview

Code Composer Studio v5.1 is a mass market release for all customers. The main objective of this release is to bring CCS to the latest version of Eclipse with no modifications ('Stock Eclipse'). This allows customers to integrate a wider range of 3rd party plugins (as compared to CCSv4.x) and allows upgrades of open source components of CCS.

There are also many other improvements including improvements in performance, usability and stability.

Customers with valid maintenance subscriptions will be able to upgrade to CCSv5.1. CCSv5.1 is based on Indigo Eclipse release train.

High Level Feature Summary of Changes in CCSv5

- **What's new in CCSv5**: Presentation that covers what the main changes (and new features) are in CCSv5.1 from a CCSv4.x perspective.
- **CCSv5 Changes** [1]: Wiki topic that covers what the main changes (and new features) are in CCSv5.1 from a CCSv4.x perspective.

Getting Started

CCSv5 flow is slightly different from CCSv4 as we now rely more on standard Eclipse workflow. See StartingDebugger topic for differences related to starting debug sessions. It is recommended that you read information below follow prior to using CCSv5.

CCSv5 Quick Start Guide: PDF copy of the CCSv5 Quick Start Guide booklet that ships with the physical CCSv5 DVD. Covers briefly, steps on installing and running CCSv5 for the first time. How to activate the product, create a target configuration, create/build your first project and to start a debug session. For more in-depth material on creating/building/debugging a project, see the below 'CCSv5 Getting Started Guide'

CCSv5 Getting Started Guide: a more comprehensive Getting Started Guide.

CCSv5 Getting Started (Video) [2] This demo goes through a basic project creation/debug example using CCS 5.1.

Workshops

- CCSv5 Fundamentals Workshop [3]: Introductory hands-on training for CCSv5.1 using an MSP430 LaunchPad or F28069 Piccolo controlSTICK
- CCSv5 Advanced Workshop [4]: Deeper dive into some of the more advanced functionality of CCSv5.1 using an AM3517 Experimenter Board

Support

Please use the following resources for support:

- Troubleshooting CCS
- TI E2E Community
  - Code Composer Studio Forum [5]
  - Remember to Tag your questions with CCSv5.
  - Compiler Forum [6]

Downloads

Requirements to Download: You will need a MyTI login to download CCS. If you don't already have one you will be given the opportunity to create one on the login screen. The other thing you will go through when you download CCS is US Export control screening, a questionaire will appear with some questions that need to be answered. If approved the system will email you the download link.

Linux Host Support

- Visit Linux Host Support [7] page for up to date information on supported devices/emulators.
- MSP430 & Stellaris are not supported on Linux.

Customizing perspectives for GNU Tools

- For some customers, the JTAG debug capabilites provided by CCS may be secondary to using the GNU toolchain. In these cases, the install image can be customized to make the GNU tool perspectives the default. To do this, download and uncompress the install image. Create a folder called "extras" at the same level as the "install_images" folder. Add the contents of this to the folder.

References

[1] http://processors.wiki.ti.com/index.php/CCSv5_Changes
[2] http://software-dl.ti.com/dsps/dsps_public_sw/sdo_ccstudio/CCSv5/Demos/CCSv5GettingStarted.html
[3] http://processors.wiki.ti.com/index.php/CCSv5_Fundamentals_Workshop
[4] http://processors.wiki.ti.com/index.php/CCSv5_Advanced_Workshop
[5] http://e2e.ti.com/support/development_tools/code_composer_studio/f/81.aspx
[6] http://e2e.ti.com/support/development_tools/compiler/f/343.aspx
[7] http://processors.wiki.ti.com/index.php/Linux_Host_Support

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