



ATC 2008

MSP430 Advanced Technical Conference

CCE One Day Workshop

6/6/2008

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CCE Install Guide

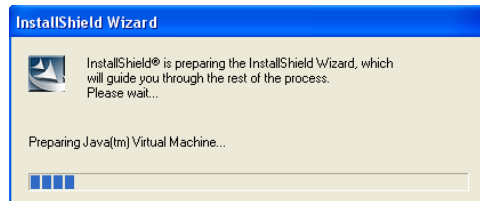
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Getting Started with the Installation

- Insert installation CD
- Install starts up automatically
- The install wizard displays progress information



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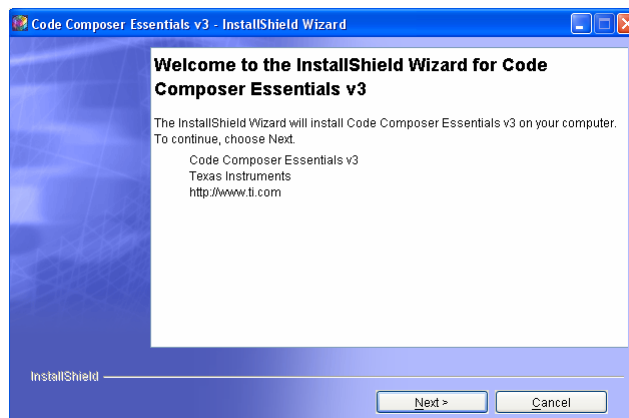
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Installing CCE

- Follow wizard prompts during installation



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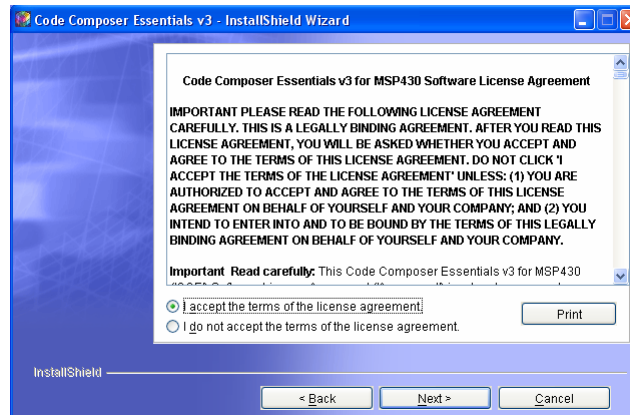
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Installing CCE

- Click 'Next' to accept license agreement



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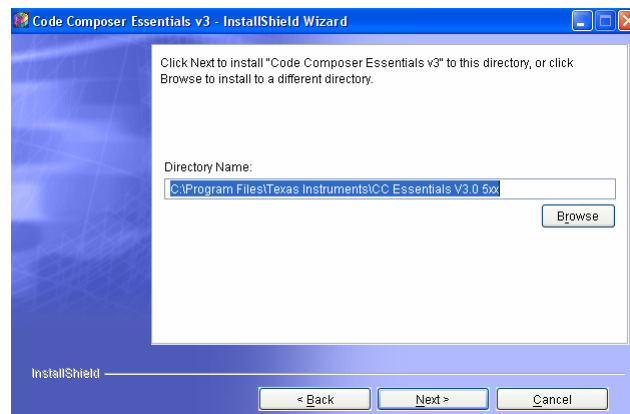
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Installing CCE

- Use default location to install and click 'Next'.



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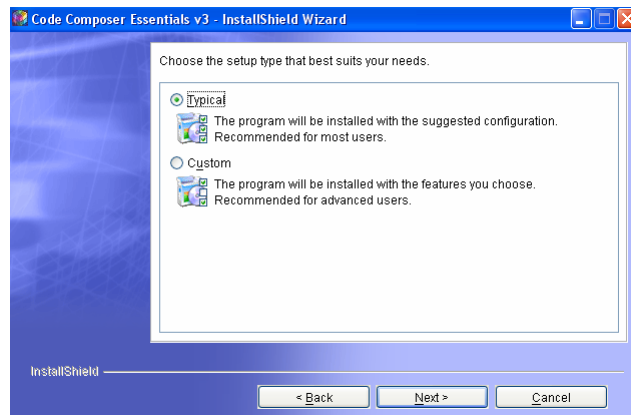
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Installing CCE

- Default setting is 'Typical'



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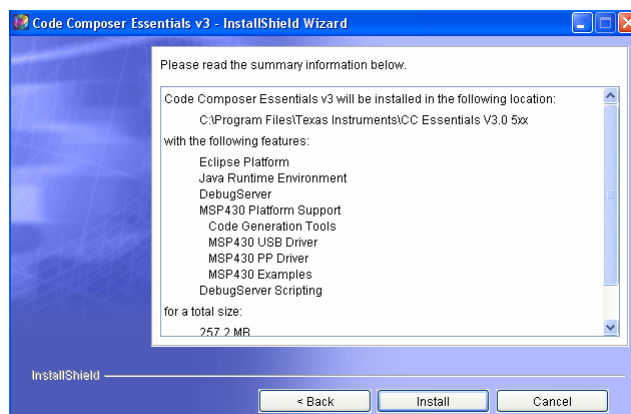
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Installing CCE

- Wizard displays install summary information



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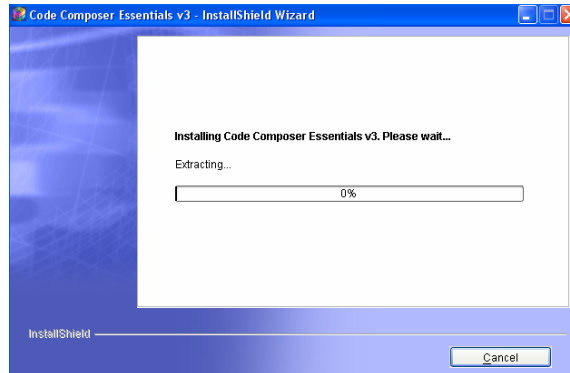
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Installing CCE

- Wizard displays progress information
- Wait until install is completed



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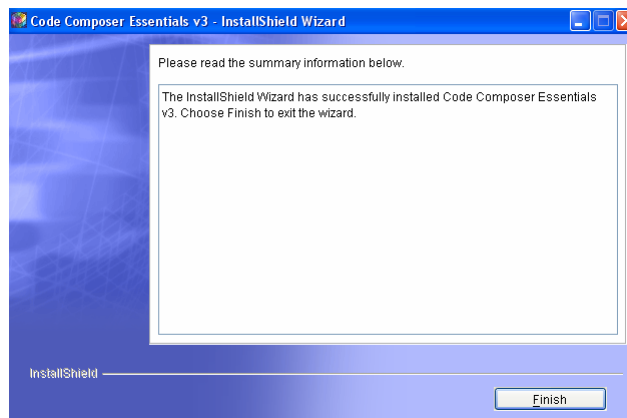
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Installing CCE

- Click 'Finish' to complete



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Getting Started with CCEv3

Blinking the LED

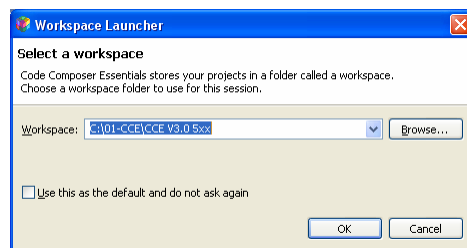
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Open CCE

- Step 1: Start > All Programs > Texas Instruments > Code Composer Essentials V3
- Step 2: Browse to select a workspace location folder where your project files can be stored and click 'OK'



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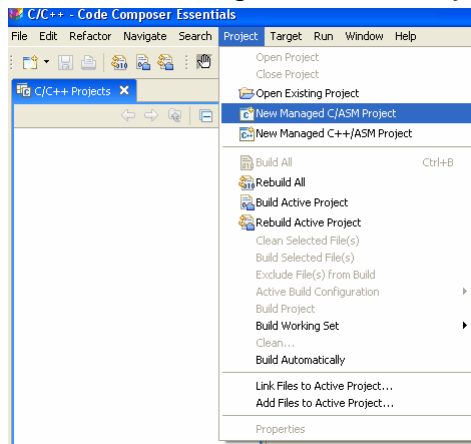
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Creating a New Project: Step 1

- Select Project > New Managed C/ASM Project



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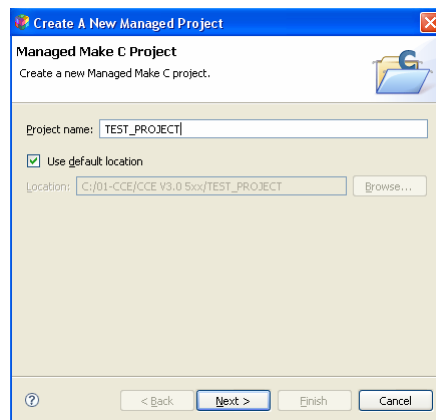
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Creating a New Project: Step 2

- Fill in project name → Test_Project
- Default location → Workspace folder



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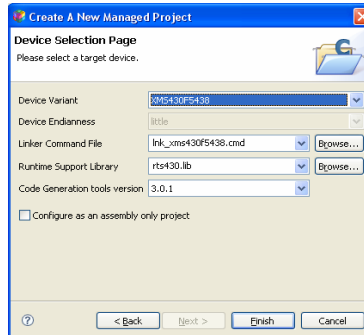
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Creating a New Project: Step 3

- Continue with default settings until device selection page appears
- Select appropriate MSP430 device and click 'Finish'



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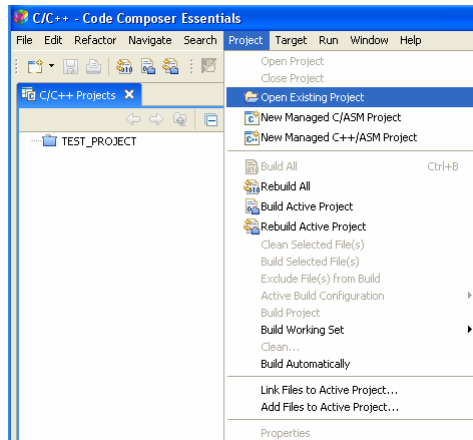
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Adding an Existing Project to Workspace: Step 1

- Select Project > Open Existing Project



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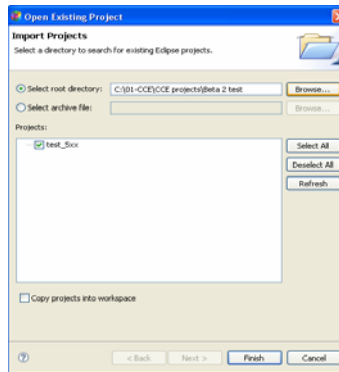
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Adding an Existing Project to Workspace: Step 2

- Browse to location of project and select the root directory
- All the projects in the directory get listed automatically
- Check the box next to required project and click 'Finish'



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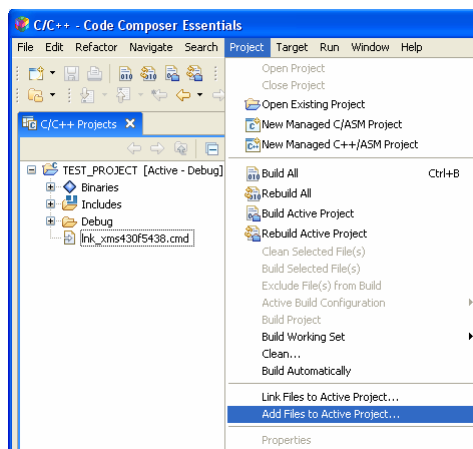
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Adding Source Files: Step 1

- Select Project > Add Files to Active Project



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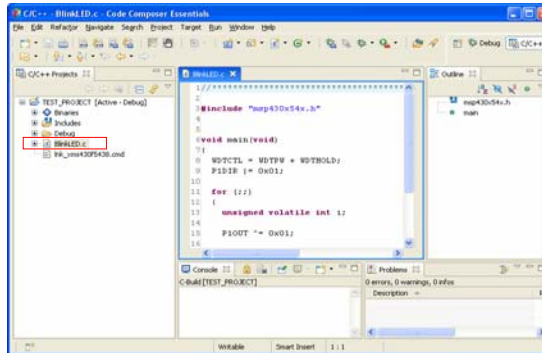
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Adding Source Files: Step 2

- Browse to location of file, select appropriate C/ASM source file and click 'Open'
- Source file is now added to project. Double click on file name to open it in the project browser window



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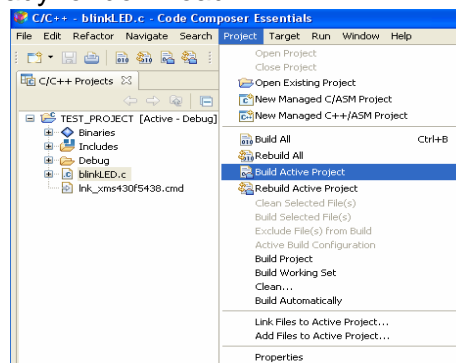
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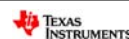
Building the Project

- Select Project > Build Active Project
- Watch the console window for the message 'Build complete for project'
- Now your code is ready for download!



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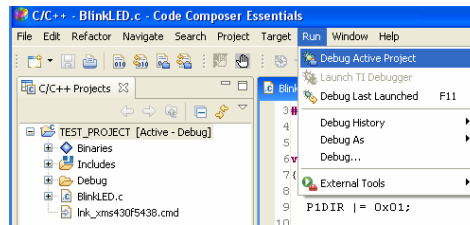
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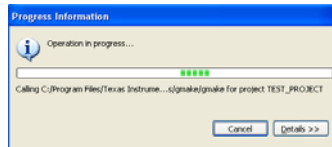
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Downloading to Target

- To download the code select Run > Debug Active Project



- The progress information is displayed while the code downloads



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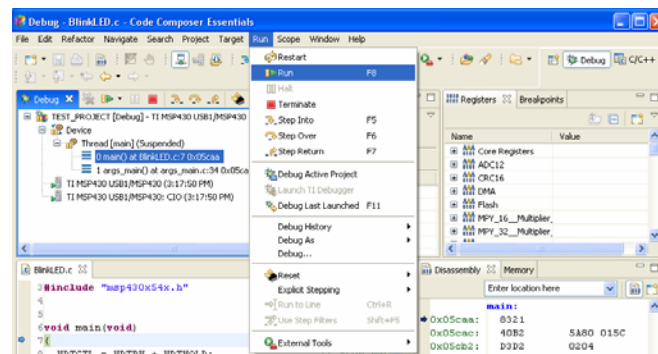
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Executing on Target: Step 3

- Once download is completed the debug perspective opens automatically
- Select 'Run' from the menu to see the LED toggle



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Debug Shortcut Button Options



Debug Active Project



Run



Halt



Terminate Debug Session



Reset

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