

Installing Eclipse with SDCC on Windows Vista

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System Setup

- Following Method Tested with:
 - Windows Vista 64-bit SP1
 - Eclipse Galileo SR1 – Version 3.5.1
 - SDCC Eclipse Plugin Version 1.0.0
 - SDCC Version 2.6.0
 - Workspace Location:
C:/Users/<UserName>/Documents/Embedded Systems/Test
 - Using a different workspace location *should not* cause any problems, but this has not been tested with a wide variety of workspace locations

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Download Eclipse and SDCC

- Download the Eclipse Galileo SR1 IDE with CDT from <http://www.eclipse.org/downloads/download.php?file=/technology/epp/downloads/release/galileo/SR1/eclipse-cpp-galileo-SR1-win32.zip>
- Download the SDCC Eclipse Plugin from <http://eclipse-sdcc.sourceforge.net/index.php>
- Download and install SDCC 2.6 from the course website

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Install Eclipse

- Good news: Eclipse does not need to be installed
- Just unzip the zip file for Eclipse that was downloaded
 - NOTE: It is suggested that you unzip this into C:\. Putting this folder in Program Files or other protected locations can cause problems later due to User Account Control (UAC)

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Install SDCC Eclipse Plugin

- Before starting Eclipse, unzip the zip file for the SDCC plugin
- Copy the 'features' and 'plugins' folders to the top-level directory of eclipse where there are already 'features' and 'plugins' folders
- Allow Windows to merge the files into these folders

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Open Eclipse

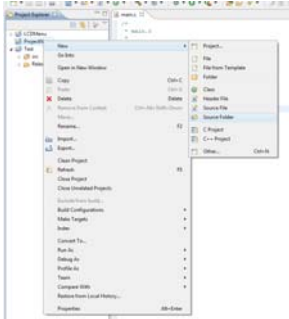
- Run the eclipse.exe executable
 - NOTE: You will need Java installed for Eclipse to run
- Choose a workspace location if Eclipse asks for one and click 'Ok'

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Add Source Files

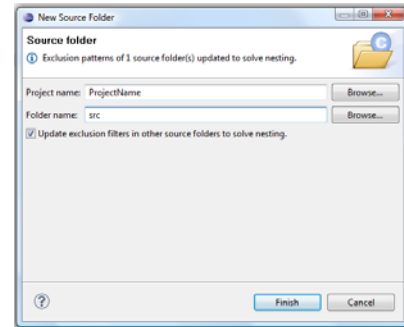
- Right-click the project and click New->Source folder



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Add Source Files



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Add Source Files

- Now, to add new files, right click the source folder in your project, choose New->... and then pick the type of file you want to add
- Congratulations, your Eclipse project is now set up!

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