

CC Studio Tool Setup

Last updated 11/2/20

Code Composer Studio

- Code Composer Studio
 - Integrated Development Environment (IDE)
 - Free for non-commercial use
 - Eclipse based
- We will use this for our MSP432 and Console Based code development

Code Composer Studio

WARNING – WARNING – WARNING

Since our suppliers update their software on a regular basis – some of the screen captures and revision numbers may be different when you install the software

WARNING – WARNING – WARNING

Code Composer Studio

Code Composer Studio Software Setup

Code Composer Studio

- CC Studio
 - <http://www.ti.com/tool/ccstudio>
 - Pan down the page and select Download , Latest Version

Download

- [Latest version](#)
- [Release archive \(older versions\)](#)
- **Cloud Tools** - Visit dev.ti.com to access TI Cloud Tools. Browse through the resources available for a device, run demo applications and even develop code using Code Composer Studio Cloud

Additional Information

- [Users Guide](#) - information on how to more effectively use Code Composer Studio. Also available in [Resource Explorer](#).
- [Technical documents](#) - users guides, feature overviews and application notes
- [YouTube channel](#) - selection of short videos on how to perform tasks in Code Composer Studio.
- [Training resources](#) - workshops and training modules

Code Composer Studio

- CC Studio
 - Pan down the page and select the appropriate download

Code Composer Studio (CCS) Integrated Development Environment (IDE)
CCSTUDIO_10.1.1.00004
Release Date: 21 Sep 2020

[View release notes](#) [Supported Platforms](#) [What's New?](#) [Release Information](#)

This page contains specific information about Code Composer Studio (CCS) Integrated Development Environment (IDE) release package. Refer to the table below for more information.

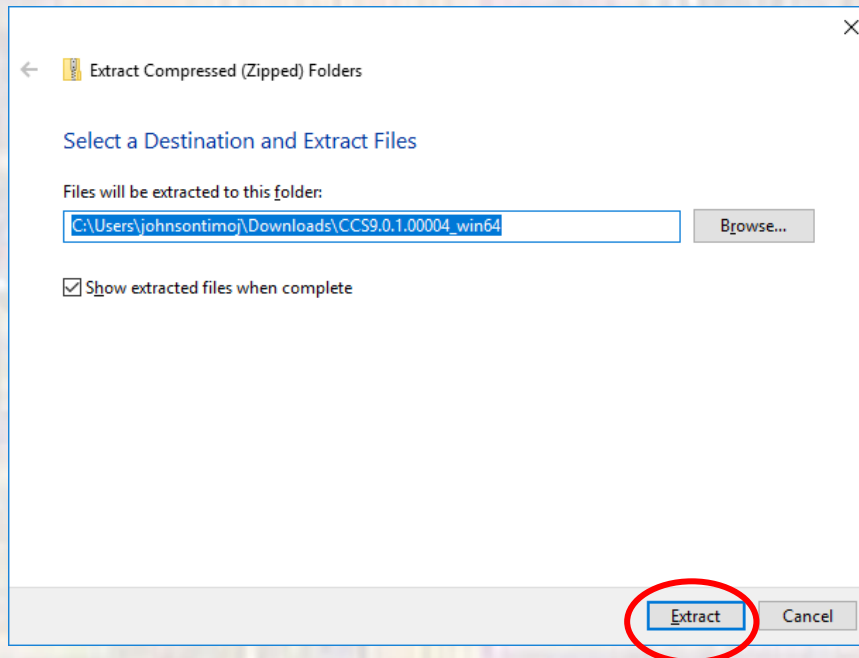
Product downloads

Title	Version	Description
Single file installers		
Windows single file installer for CCS IDE		
Linux single file installer for CCS IDE	10.1.1.00004	Link to Linux single file (offline) installer for Code Composer Studio IDE (all features)
Mac OS single file installer for CCS IDE	10.1.1.00004	Link to Mac single file (offline) installer for Code Composer Studio IDE (all features)
On-demand installers		
Windows on-demand installer for CCS IDE	10.1.1.00004	Link to Windows on-demand (web) installer for Code Composer Studio IDE (all features)
Linux on-demand installer for CCS IDE	10.1.1.00004	Link to Linux on-demand (web) installer for Code Composer Studio IDE (all features)
Mac OS on-demand installer for CCS IDE	10.1.1.00004	Link to Mac on-demand (web) installer for Code Composer Studio IDE (all features)
Documentation		

This is a large file and can take some time to download

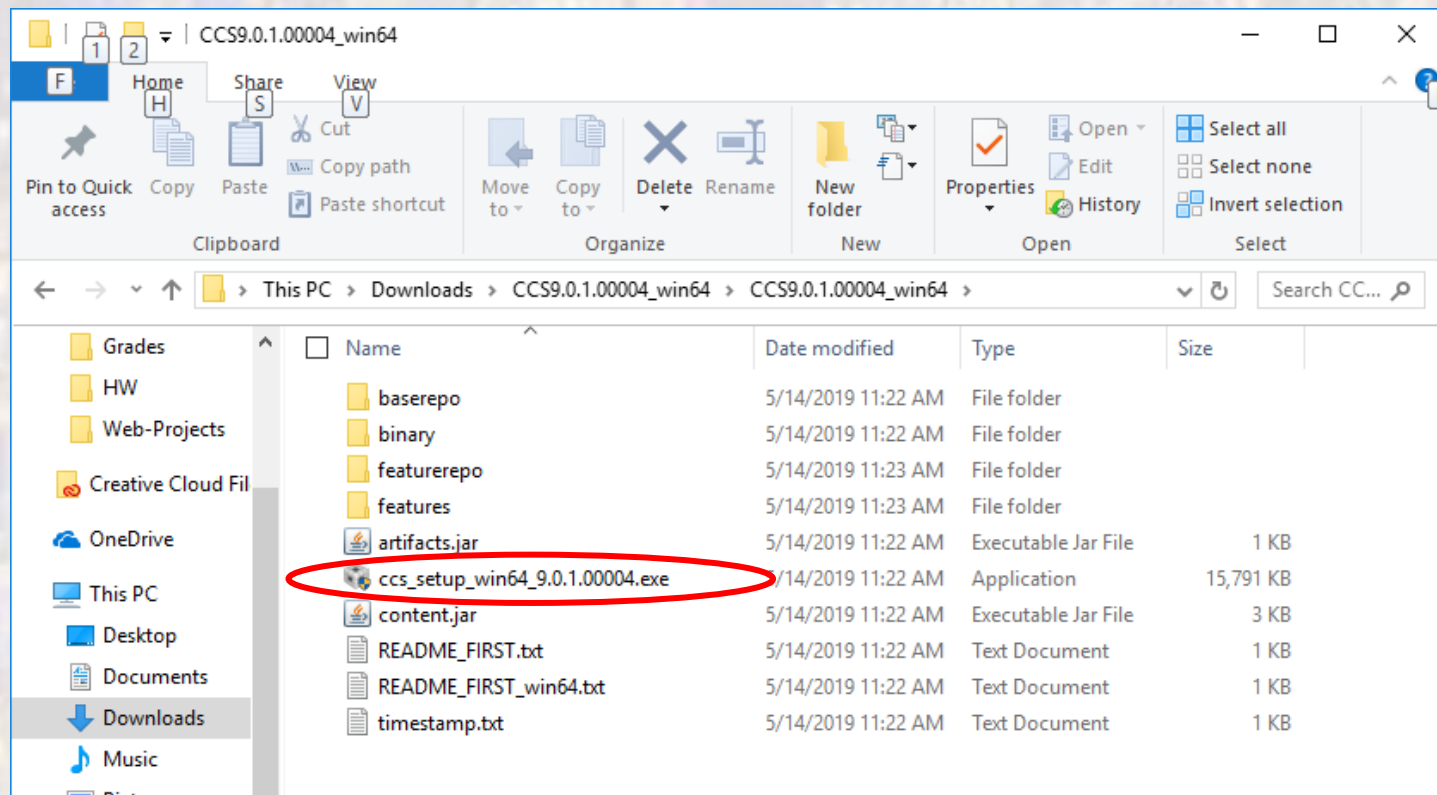
Code Composer Studio

- Go to your downloads folder
- Right-click ccs10. xxx_win64 .zip
 - Select extract all
 - Extract



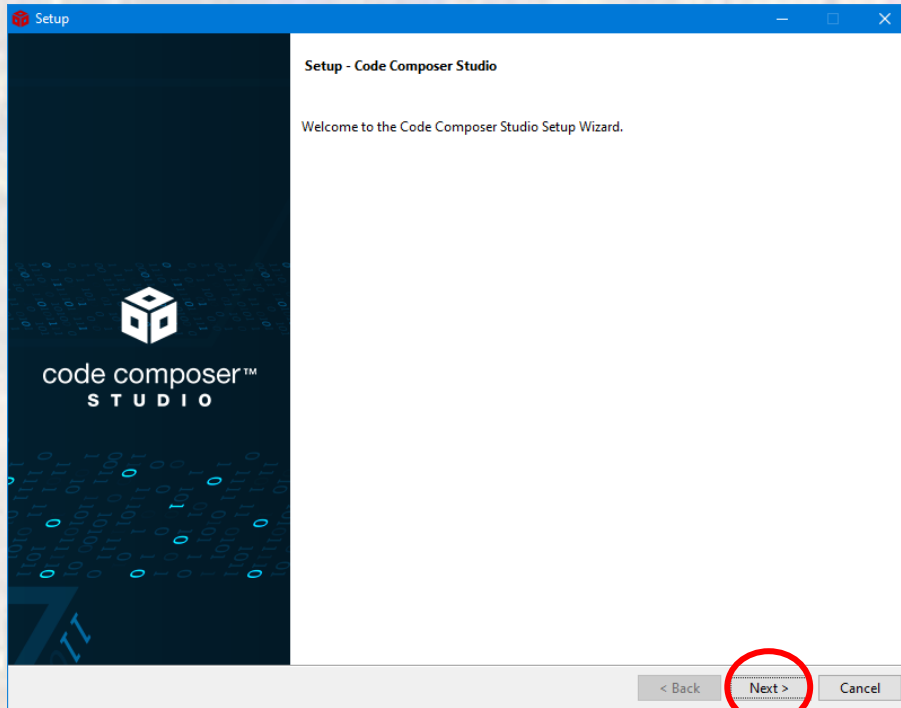
Code Composer Studio

- Traverse into the extracted directory
 - Double-Click the ccs_setup ... exe file

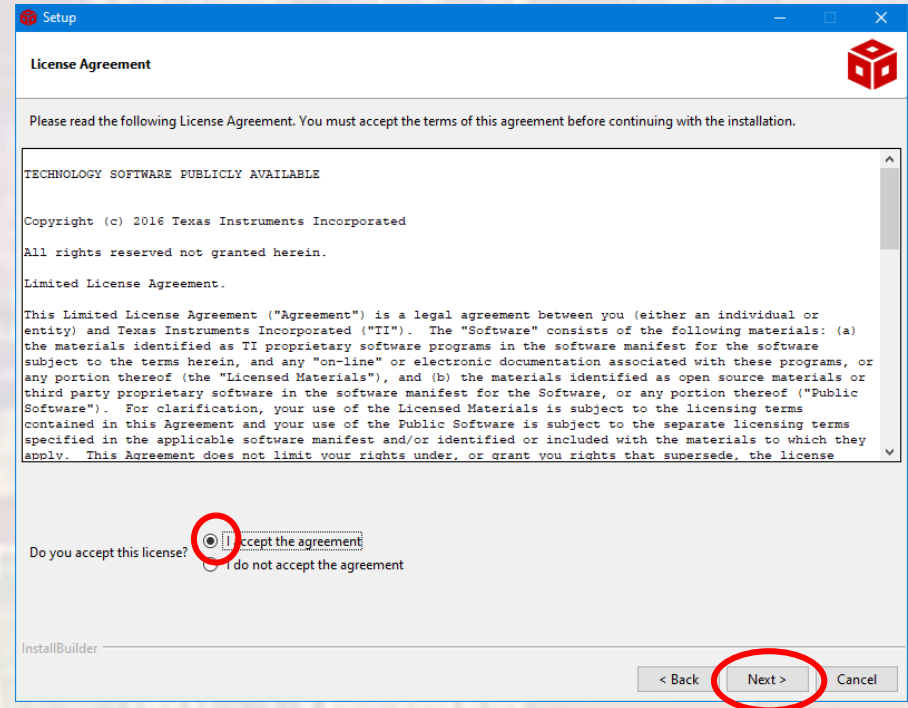


Code Composer Studio

Next

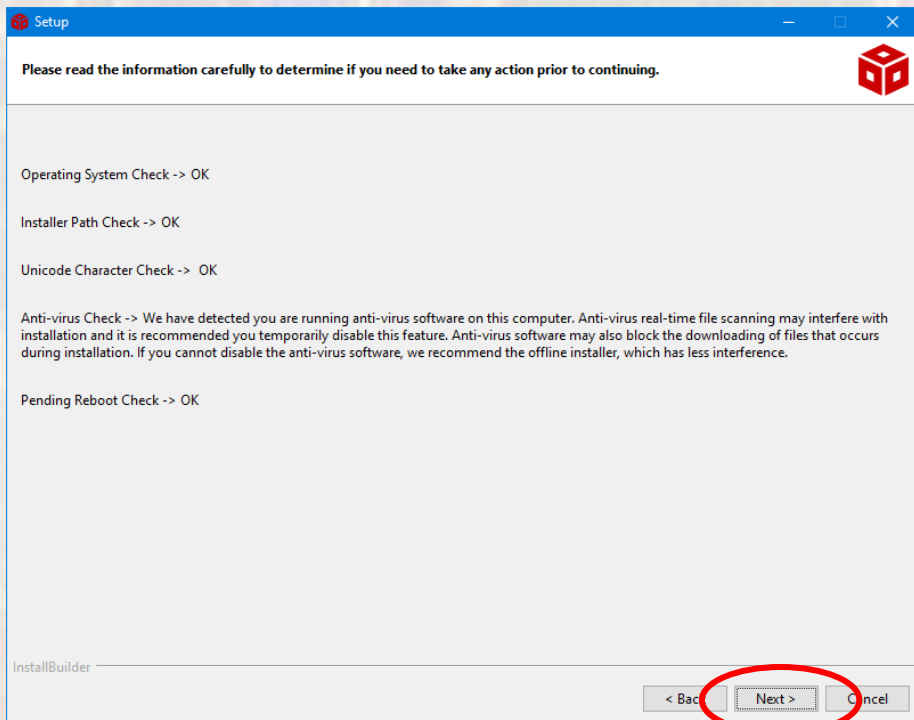


Accept - Next

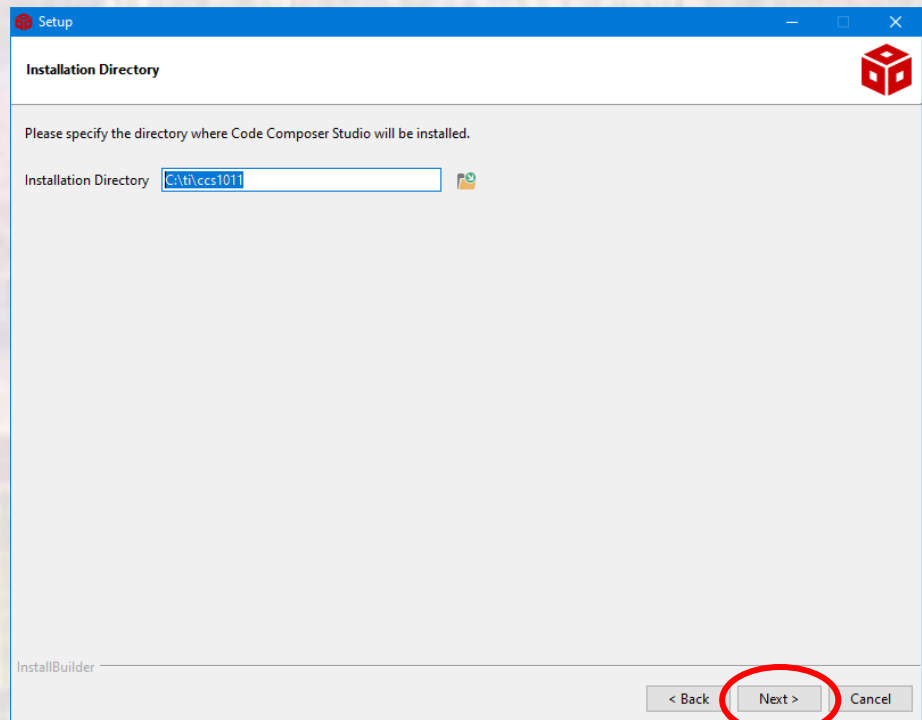


Code Composer Studio

Next

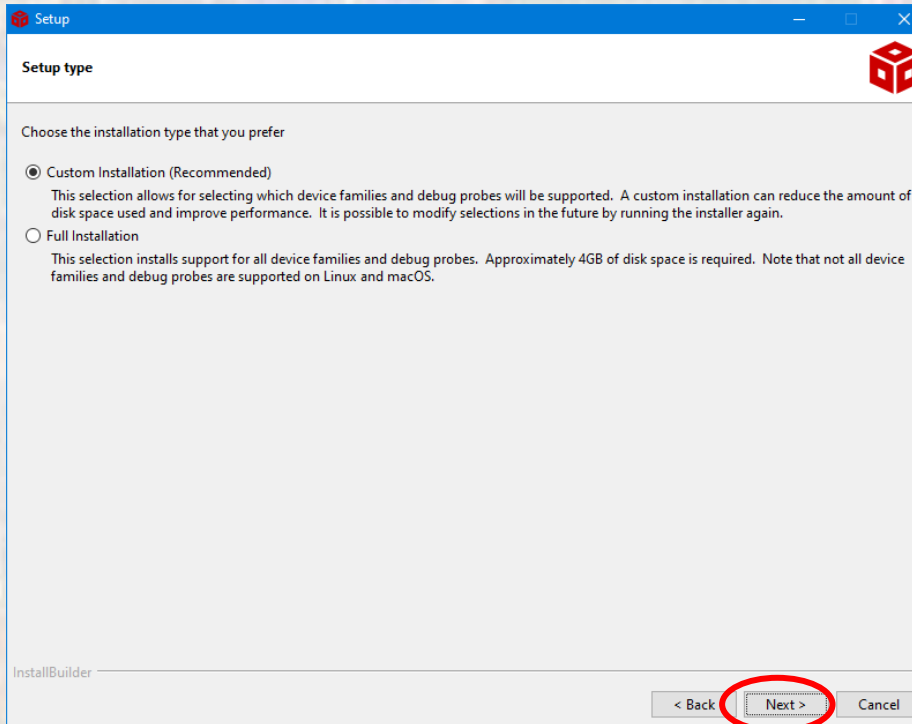


Leave Default - Next

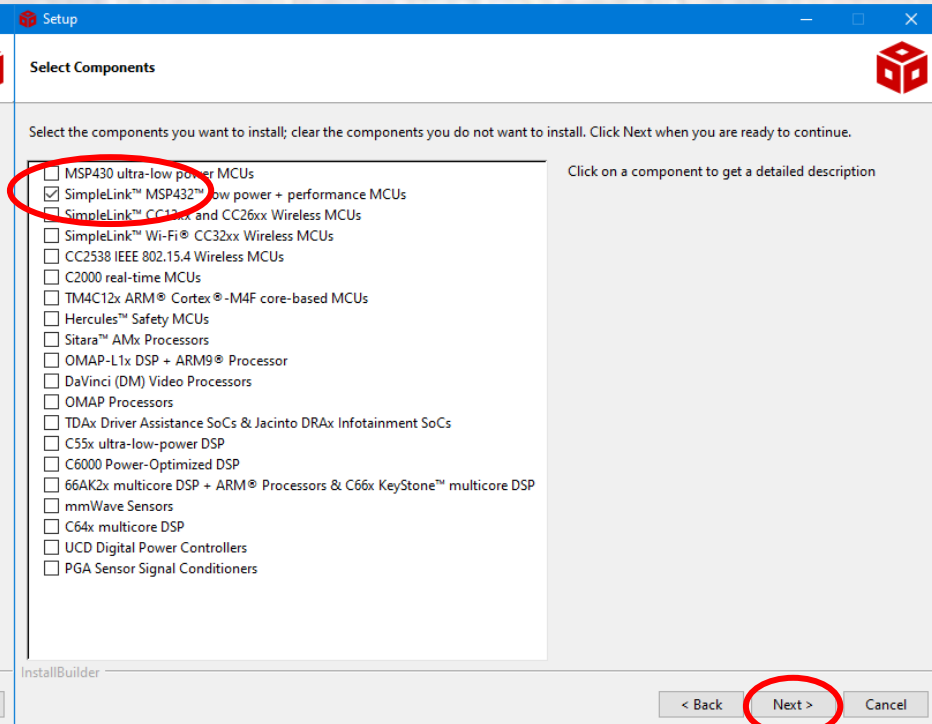


Code Composer Studio

Custom - Next

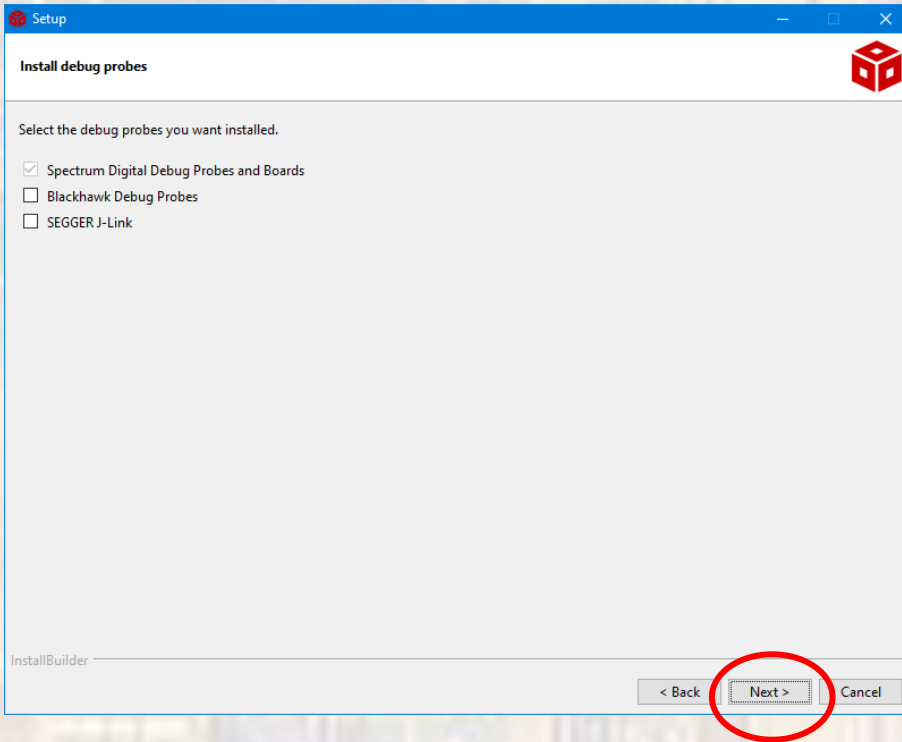


SimpleLink – MSP432 - Next

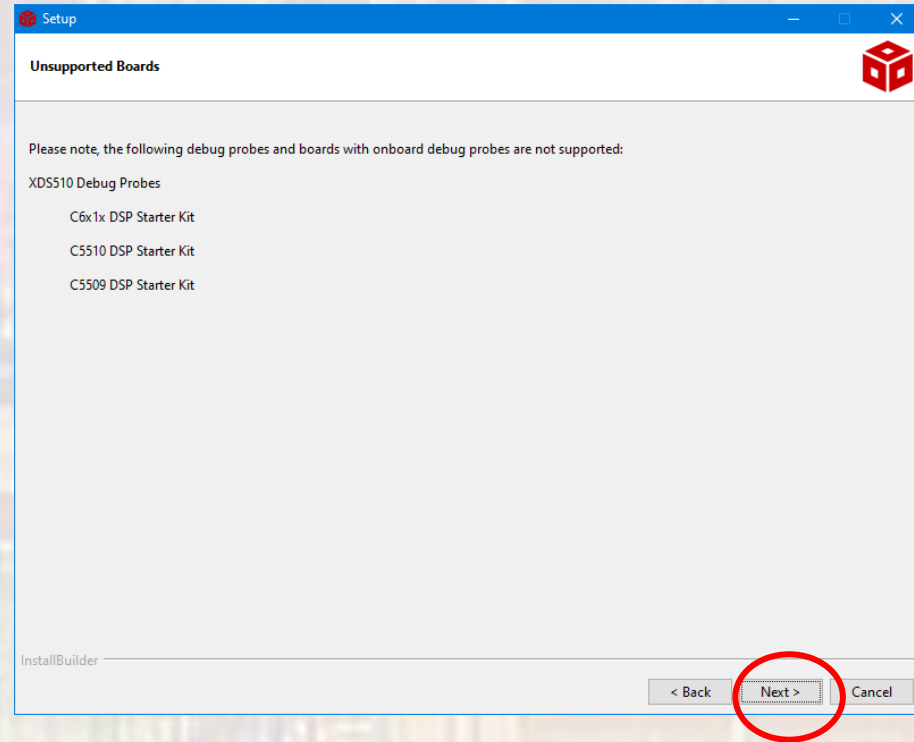


Code Composer Studio

Default - Next

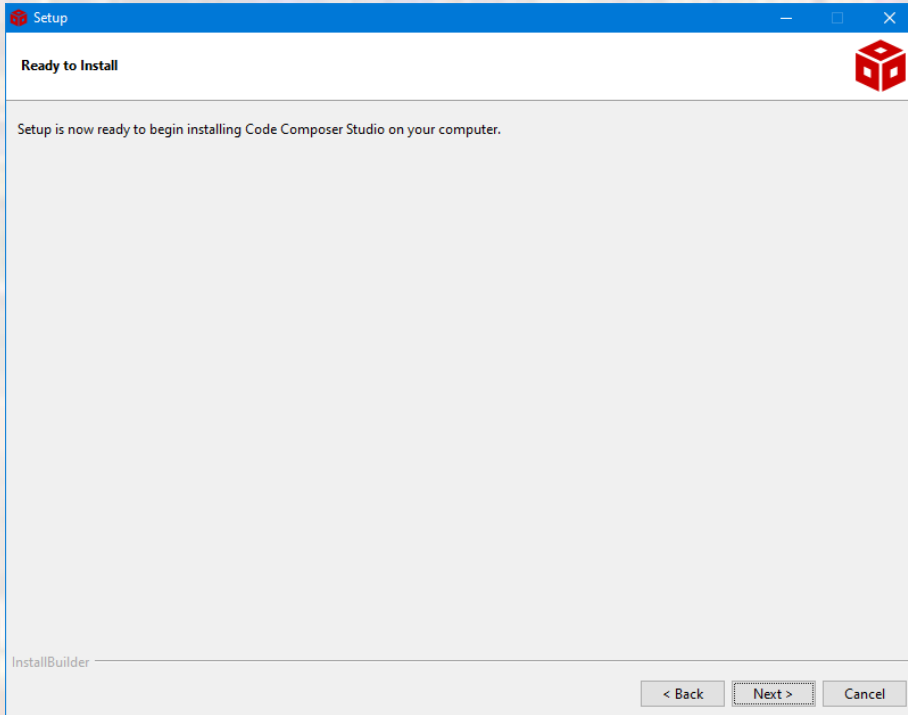


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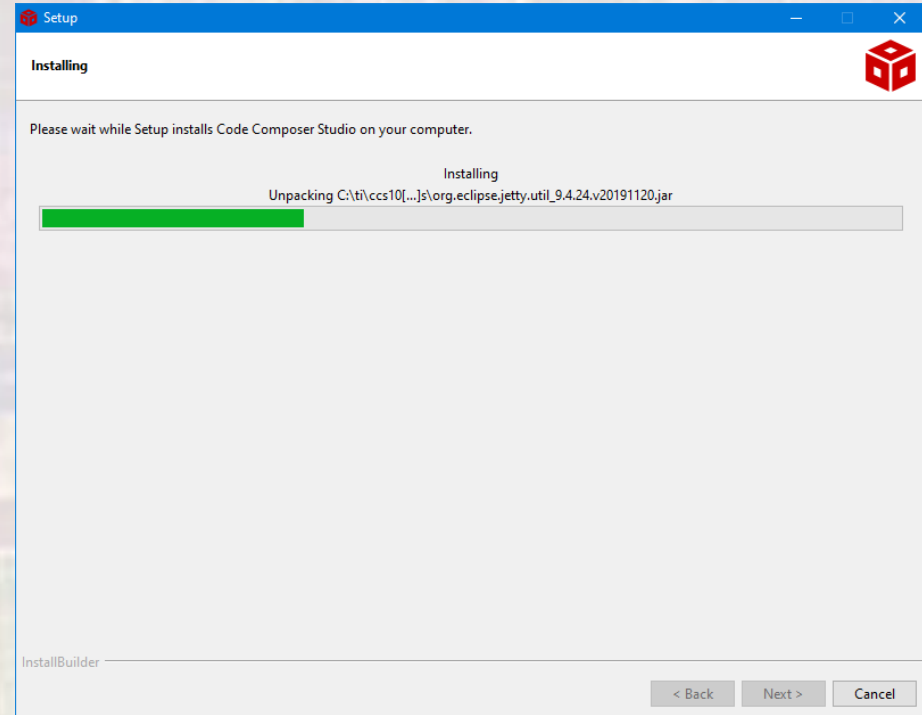


Code Composer Studio

Next

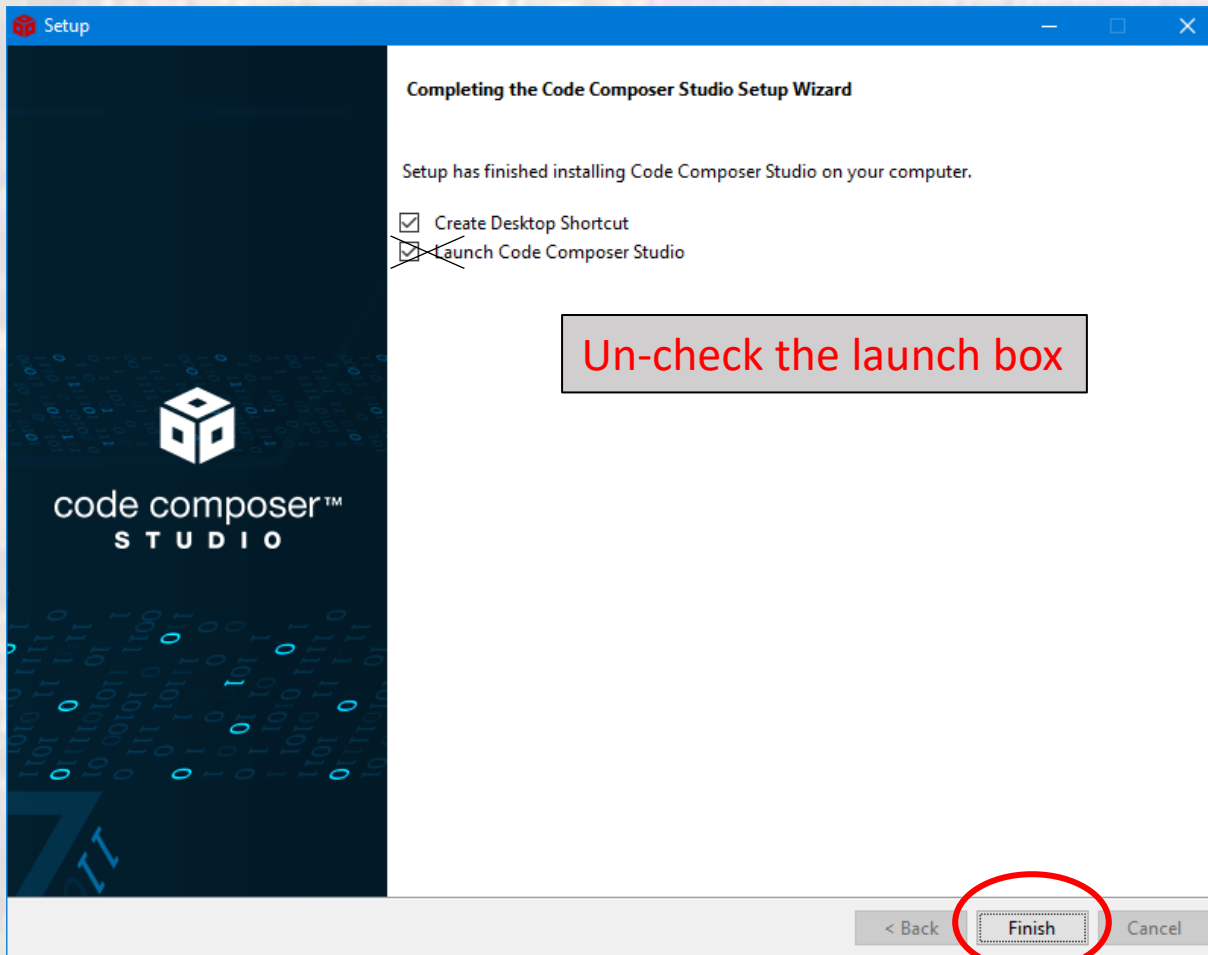


Next



Code Composer Studio

- Finish



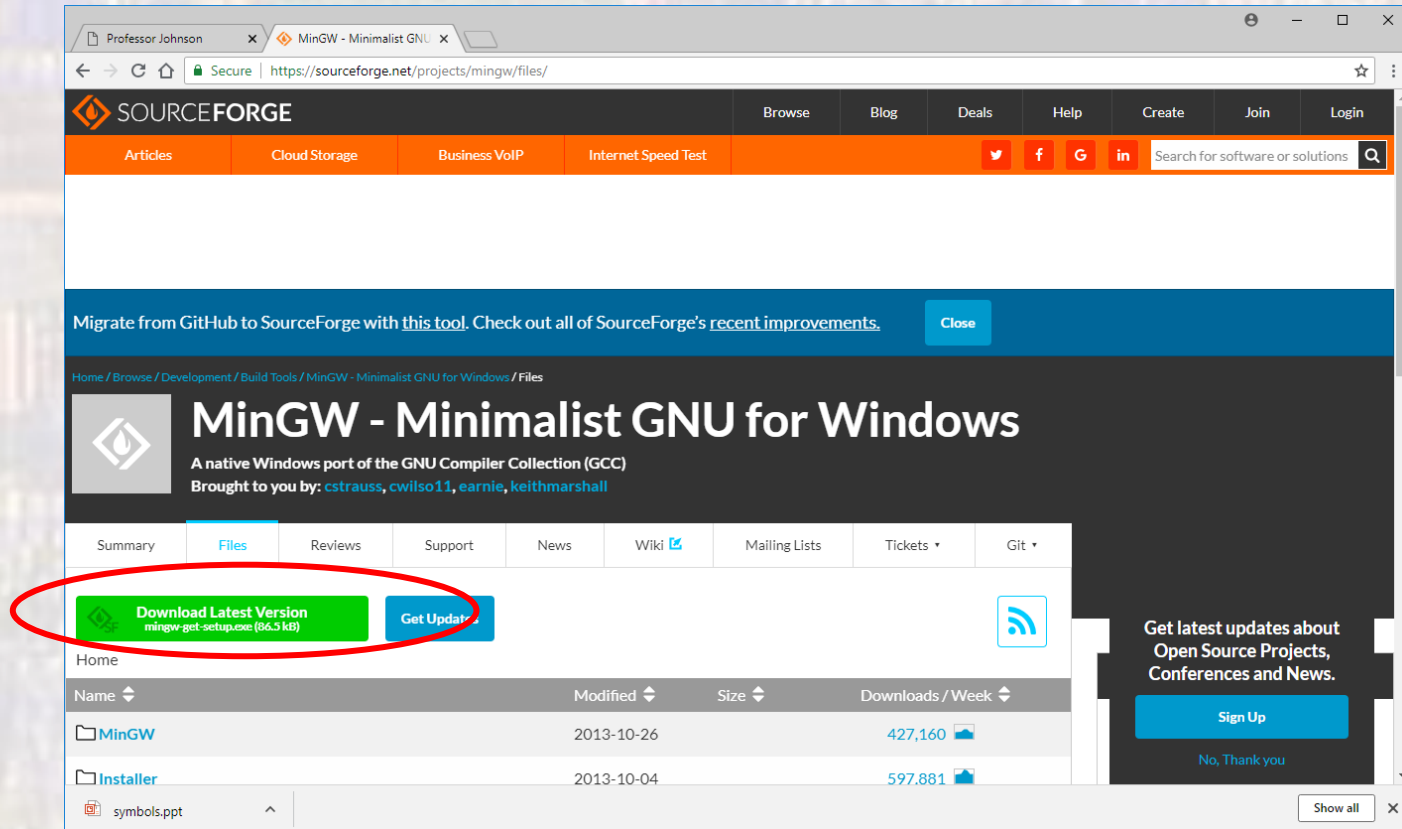
Code Composer Studio

GCC Tool Chain Setup

Code Composer Studio

Not required
for EE2920

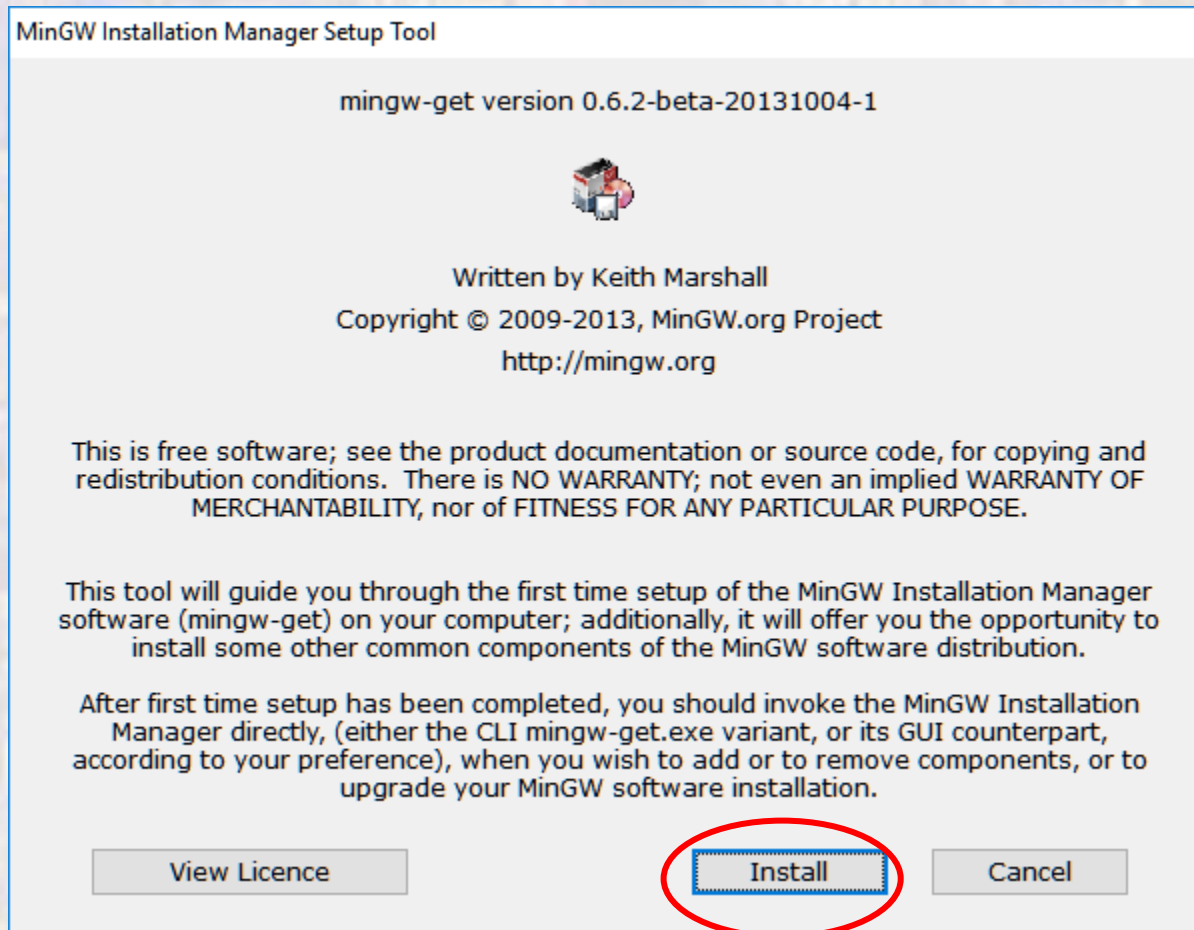
- We also require a GCC toolchain (mingw)
- <https://sourceforge.net/projects/mingw/files/>
- Run the .exe file after download



Code Composer Studio

Not required
for EE2920

- Install



Code Composer Studio

Not required
for EE2920

- Leave in default directory C:\MinGW
- continue

Step 1: Specify Installation Preferences

Installation Directory

C:\MinGW Change

If you elect to change this, you are advised to avoid any choice of directory which includes white space within the absolute representation of its path name.

User Interface Options

Both command line and graphical options are available. The command line interface is always supported; the alternative only if you choose the following option to ...

... also install support for the graphical user interface.

Program shortcuts for launching the graphical user interface should be installed ...

... just for me (the current user), or for all users * ...

... in the start menu, and/or on the desktop.

* selection of this option requires administrative privilege.

View Licence Continue Cancel

Code Composer Studio

Not required
for EE2920

- Wait for all files to download
 - continue

Step 2: Download and Set Up MinGW Installation Manager

Download Progress

Catalogue update completed; please check 'Details' pane for errors.

Processed 113 of 113 items : 100 %

Details

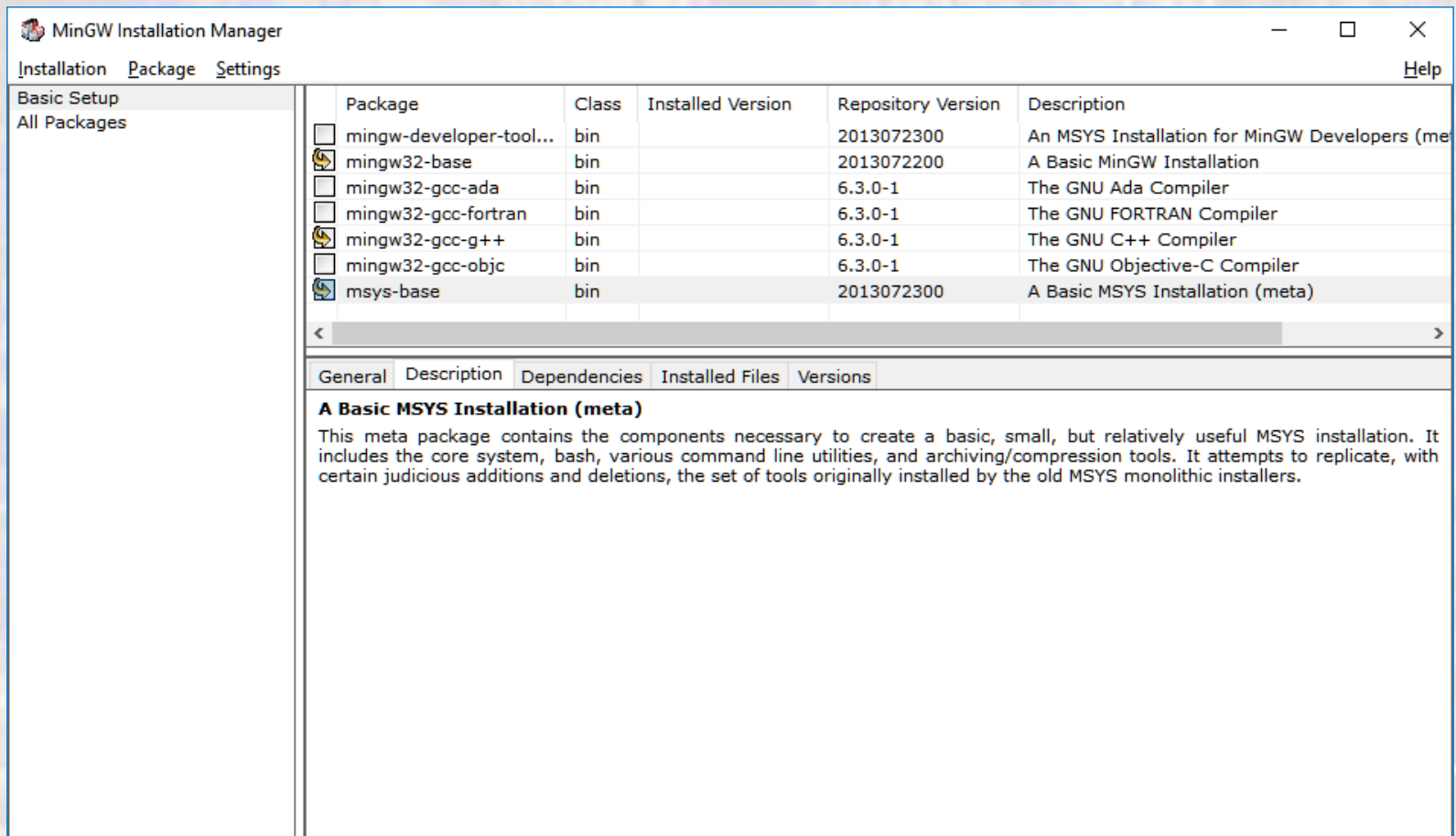
```
mingw-get: *** INFO *** setup: unpacking mingw-get-setup-0.6.2-mingw32-beta-20131004-1-xml.tar.xz
mingw-get: *** INFO *** setup: updating installation database
mingw-get: *** INFO *** setup: register mingw-get-0.6.2-mingw32-beta-20131004-1-bin.tar.xz
mingw-get: *** INFO *** setup: register mingw-get-0.6.2-mingw32-beta-20131004-1-gui.tar.xz
mingw-get: *** INFO *** setup: register mingw-get-0.6.2-mingw32-beta-20131004-1-lic.tar.xz
mingw-get: *** INFO *** setup: installation database updated
```

View Licence Continue Quit

Code Composer Studio

Not required
for EE2920

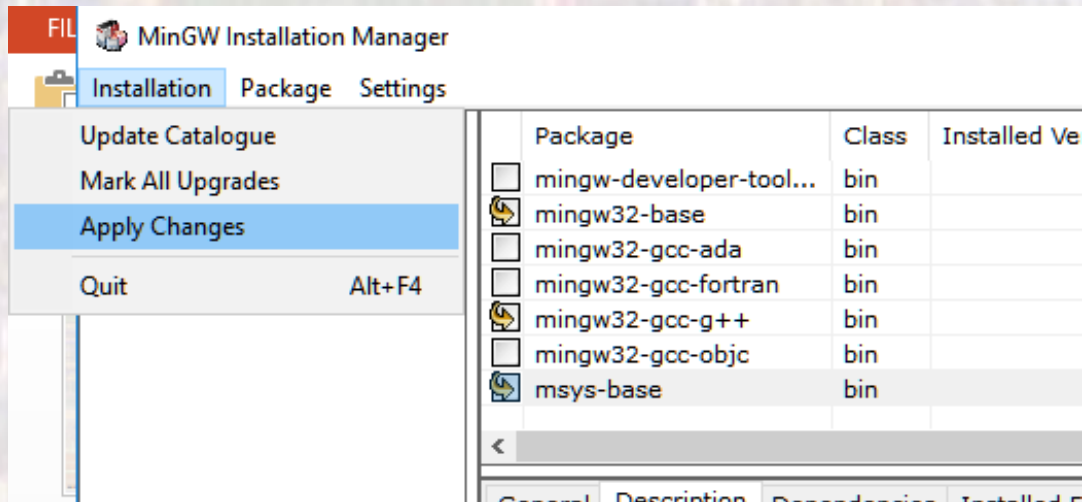
- Select mingw32-base, mingw32-gcc-g++, and msys-base and click “mark for installation”



Code Composer Studio

Not required
for EE2920

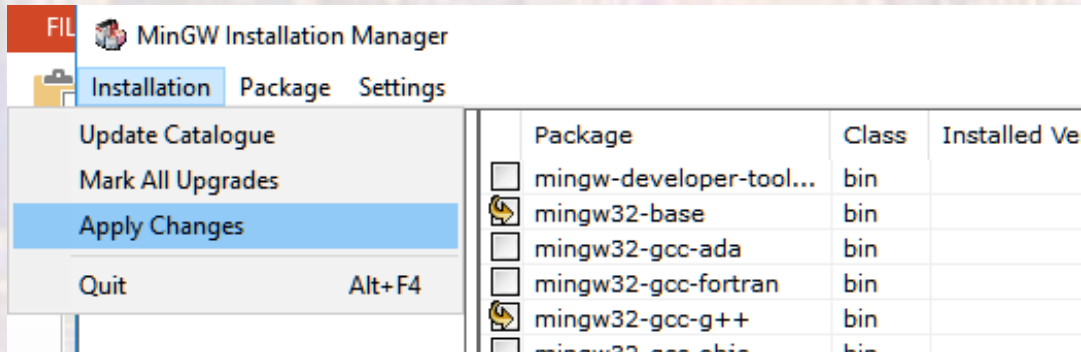
- Installation -> Apply Changes



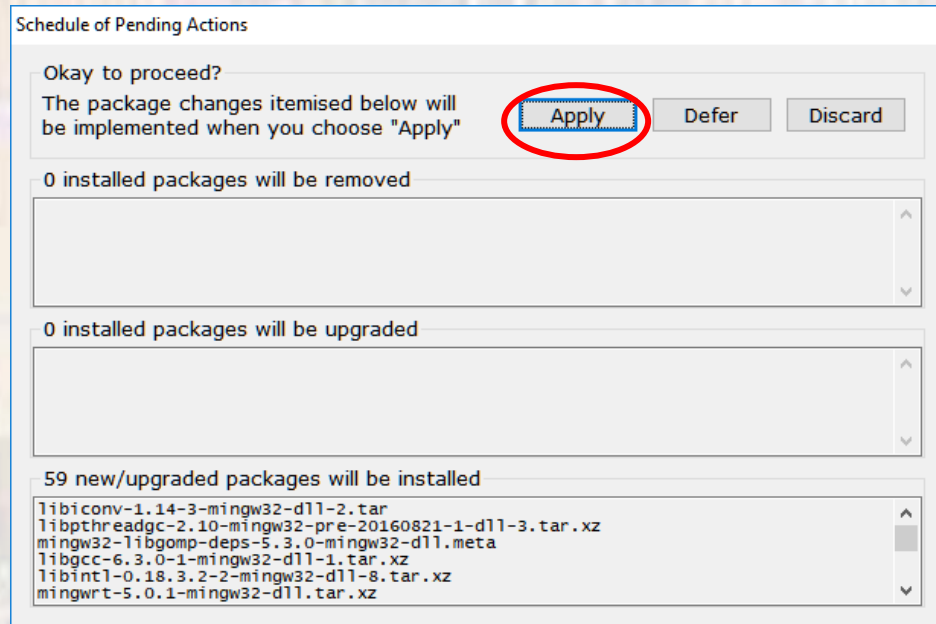
Code Composer Studio

Not required
for EE2920

- Installation -> Apply Changes



- Apply



Code Composer Studio

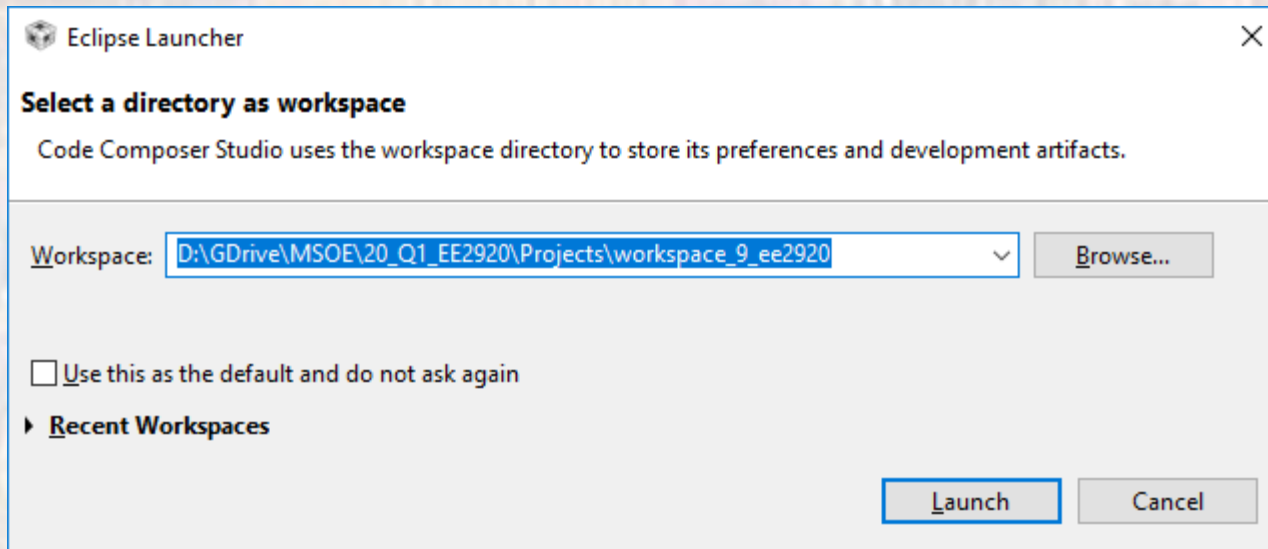
Complete Code Composer Setup

Code Composer Studio

- Start Code Composer Studio
 - from
 - desktop shortcut
 - start menu
 - *install_dir*/Code Composer Studio x.x.x

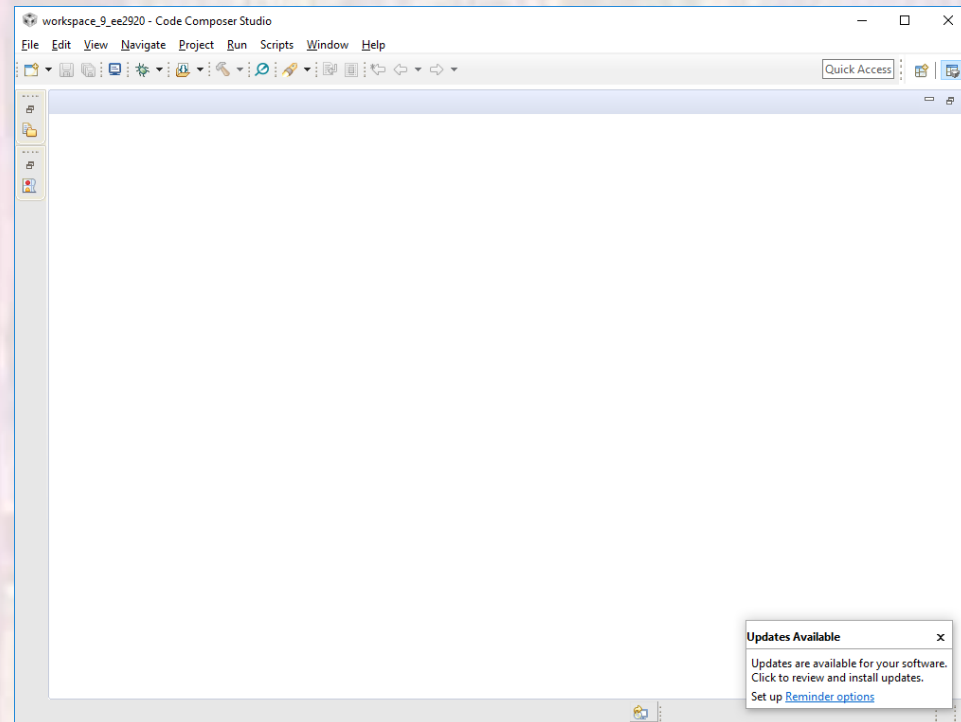
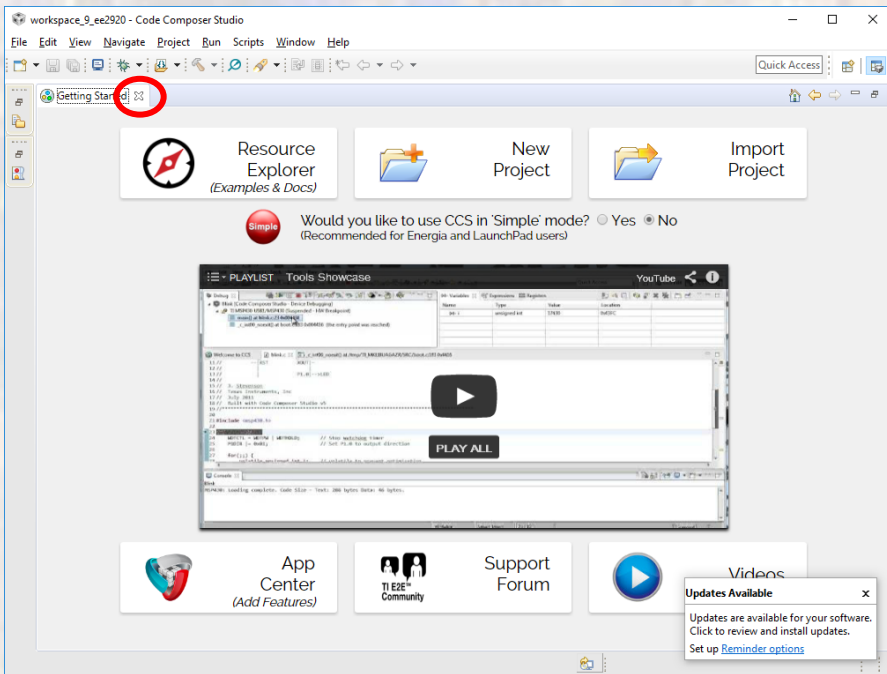
Code Composer Studio

- Select a workspace
 - This is where **your** CCStudio information is stored
 - I suggest you choose and create a personal folder
 - **Do not put the workspace in the install directory**
- **NO SPACES ALLOWED ANYWHERE IN THE PATH**



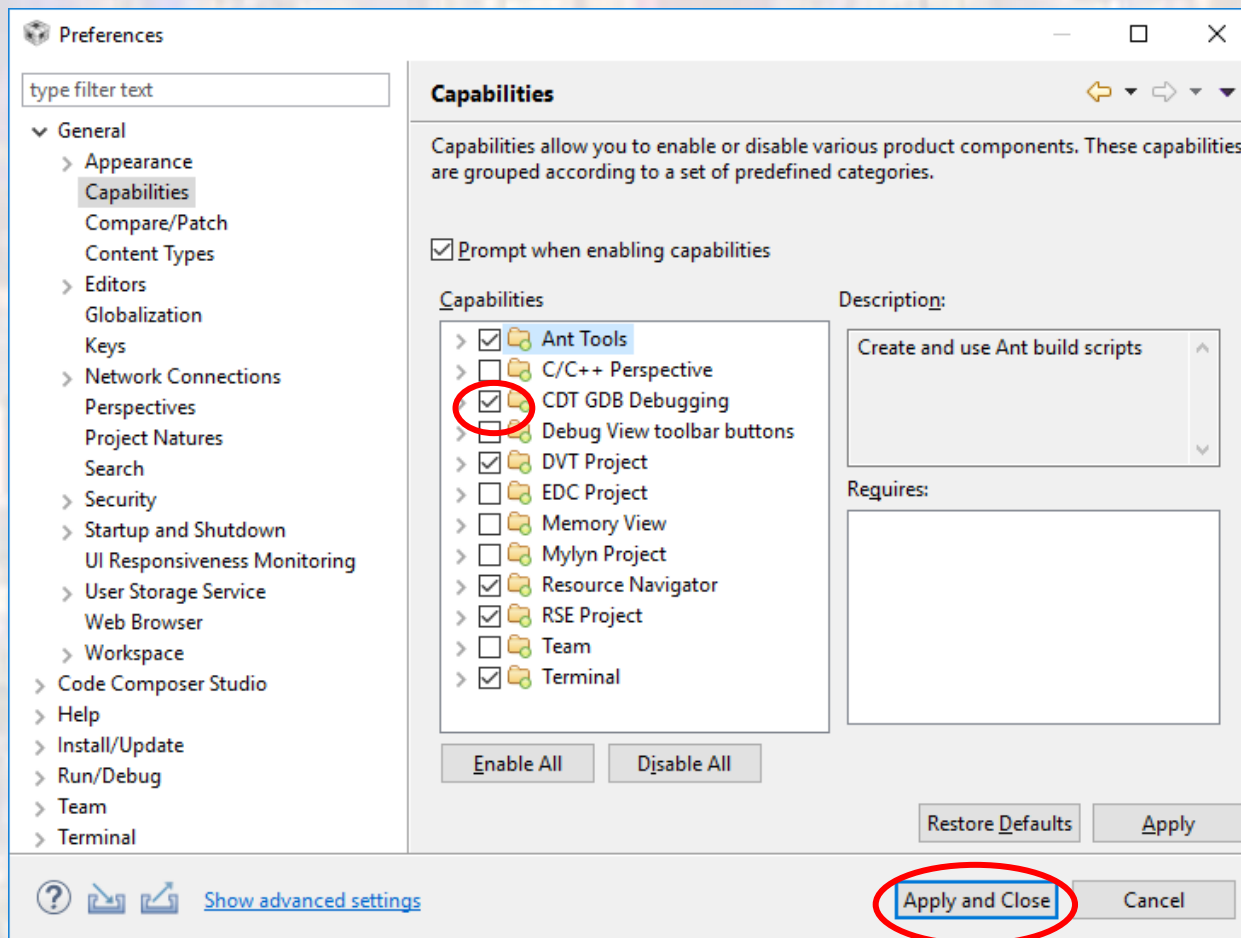
Code Composer Studio

- Close the getting started window



Code Composer Studio

- Select window -> preferences -> general -> capabilities
- Check the CDT GDB Debugging box



Code Composer Studio

Code Composer
Setup is Complete