Eclipse Project Setup

Last updated 11/2/22

These slides walk through creating an Eclipse project
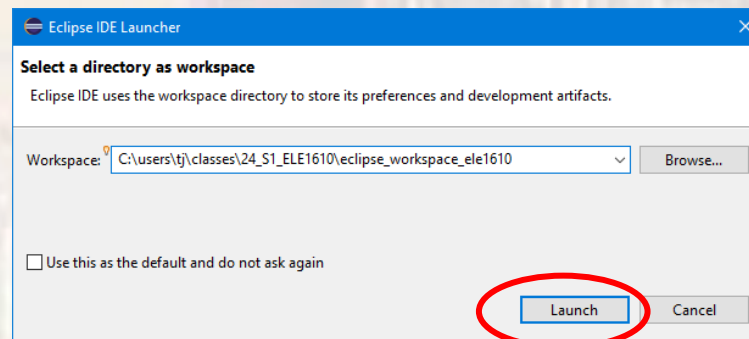
Eclipse Project Setup

Complete the Eclipse Setup process before using this project setup process

Eclipse Project Setup

- Eclipse Project
  - An Eclipse project is a directory with all the necessary configuration files to create a working program
    - Configuration files
    - Includes
    - Debug
    - Your code and header files
  - Can have more than one code solution in a project
  - Includes a mechanism to exclude some files
    - You don't have to remove/delete alternate solutions
  - Eclipse searches the current project for
    - Settings
    - Any .c files
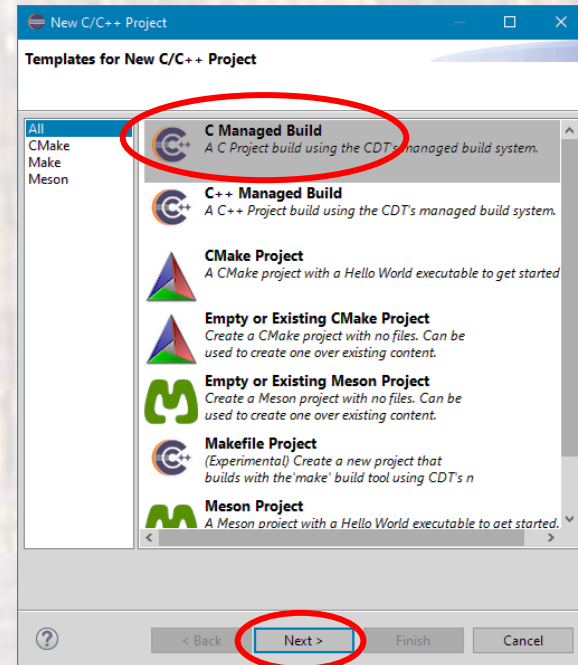   - Any .h files
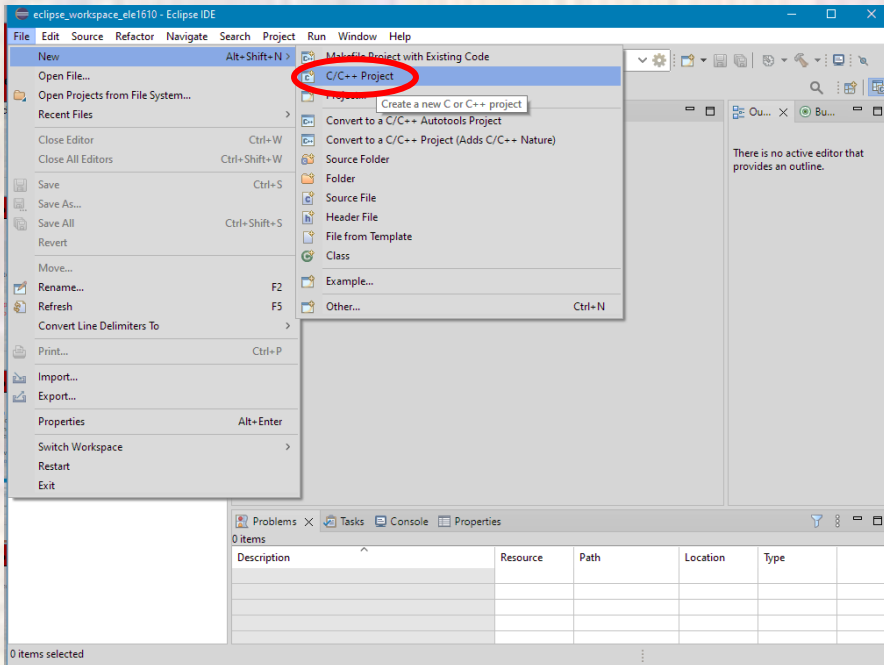   - A SINGLE main() function

Eclipse Project Setup

- Open Eclipse
  - Double-click the Desktop Icon (if created)
  - Select the Start Menu icon (if created)
  - Go to C:\Users\your-user-name\eclipse\cpp-2022-06\eclipse and select eclipse.exe

  - It should default to your last workspace
    - if not, Browse to the workspace folder for this class
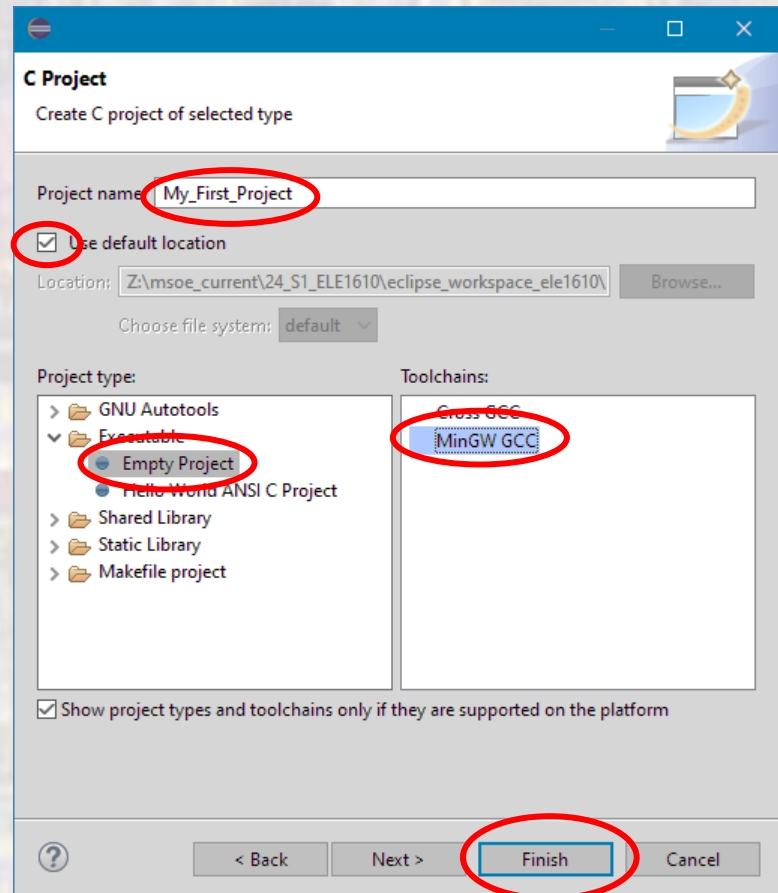 - Select Launch

Eclipse Project Setup

- Create Project
  - Close the Welcome tab (if open)
  - Select File→New→C/C++ Project
  - Select C Managed Build
    - Next

Eclipse Project Setup

- Create Project
  - Provide a meaningful Project name
    - Use Capitals to differentiate from code files
    - E.G.
      - HW3_Project
      - Space_Ship_Project
  - Check Use default location
    - Should be your workspace
  - Select Empty Project
  - Select MinGW GCC
  - Select Finish

Eclipse Project Setup

- Create Project
  - Expand The project name (down carrot)