

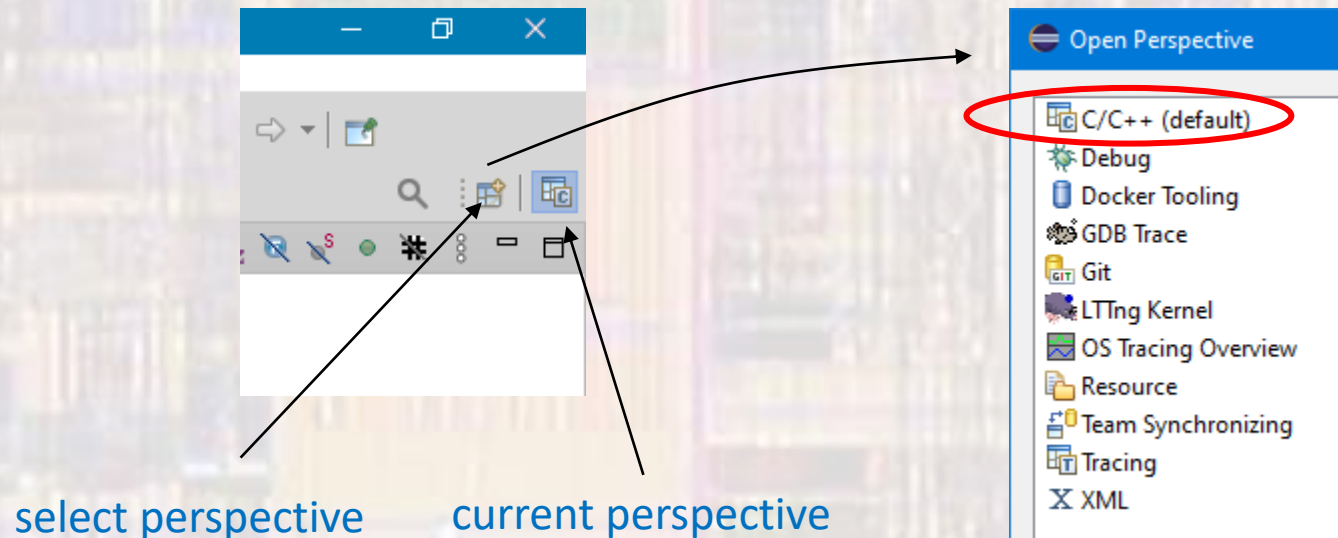
Common Eclipse Errors

Last updated 7/21/22

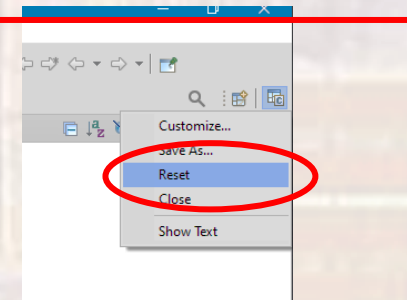
Eclipse windows all messed up

- Eclipse Perspectives

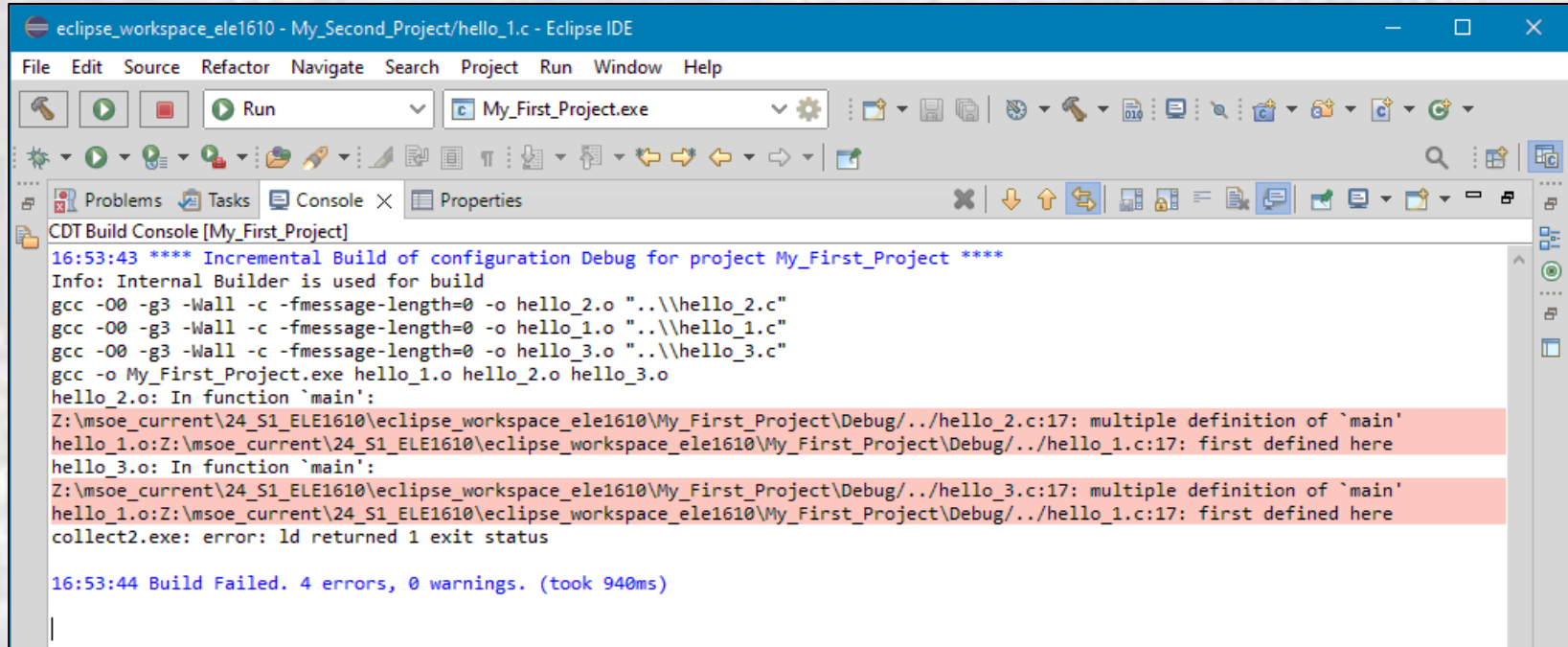
- Eclipse has a series of pre-defined window configurations
- Each configuration is optimized for a specific purpose



- If your windows get messed up
 - **rt-click** on the current perspective → **Reset**



multiple definition of main



```
eclipse_workspace_ele1610 - My_Second_Project/hello_1.c - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Run My_First_Project.exe
CDT Build Console [My_First_Project]
16:53:43 **** Incremental Build of configuration Debug for project My_First_Project ****
Info: Internal Builder is used for build
gcc -O0 -g3 -Wall -c -fmessage-length=0 -o hello_2.o "..\hello_2.c"
gcc -O0 -g3 -Wall -c -fmessage-length=0 -o hello_1.o "..\hello_1.c"
gcc -O0 -g3 -Wall -c -fmessage-length=0 -o hello_3.o "..\hello_3.c"
gcc -o My_First_Project.exe hello_1.o hello_2.o hello_3.o
hello_2.o: In function `main':
Z:\msoe_current\24_S1_ELE1610\eclipse_workspace_ele1610\My_First_Project\Debug\..\hello_2.c:17: multiple definition of `main'
hello_1.o:Z:\msoe_current\24_S1_ELE1610\eclipse_workspace_ele1610\My_First_Project\Debug\..\hello_1.c:17: first defined here
hello_3.o: In function `main':
Z:\msoe_current\24_S1_ELE1610\eclipse_workspace_ele1610\My_First_Project\Debug\..\hello_3.c:17: multiple definition of `main'
hello_1.o:Z:\msoe_current\24_S1_ELE1610\eclipse_workspace_ele1610\My_First_Project\Debug\..\hello_1.c:17: first defined here
collect2.exe: error: ld returned 1 exit status

16:53:44 Build Failed. 4 errors, 0 warnings. (took 940ms)
```

- There can only be one ‘included’ file in a project with a `main()` function
 - Eclipse searches the project looking for `main()`
 - If it finds more than one, it does not know what to do

EXCLUDE all files with a `main()` function except one