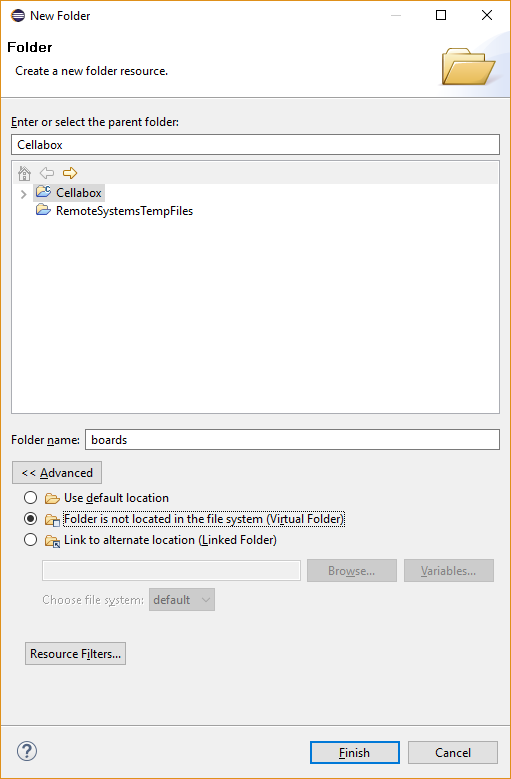
# Install Eclipse for Nordic nRF52

Follow these points to install Eclipse for Nordic nRF52

* Nordic tutorial: <https://devzone.nordicsemi.com/tutorials/7/>
* ARM for eclipse tutorial: <http://gnuarmeclipse.github.io/plugins/install/>

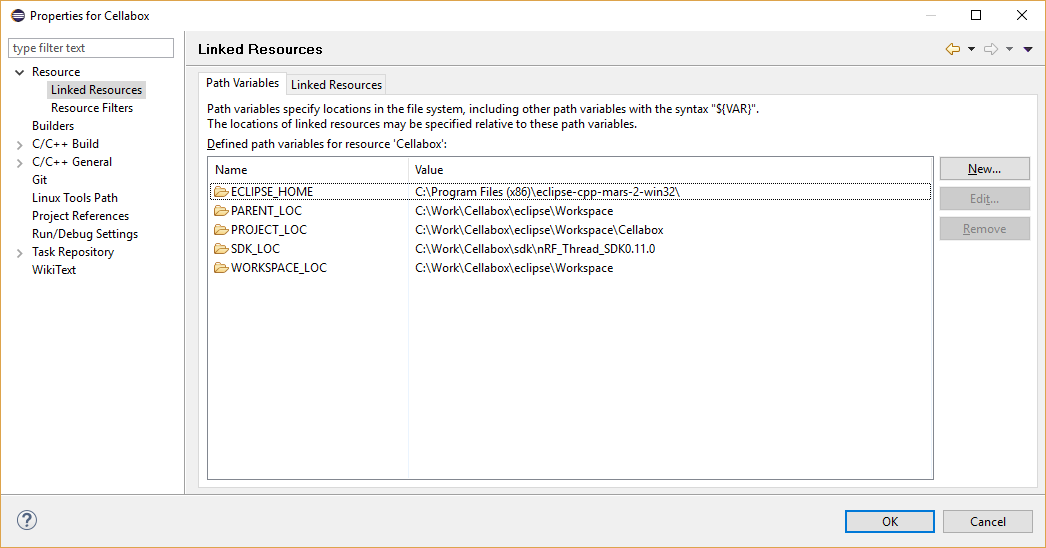
# Add Folders

Add new «virtual» folders to your Eclipse file structure



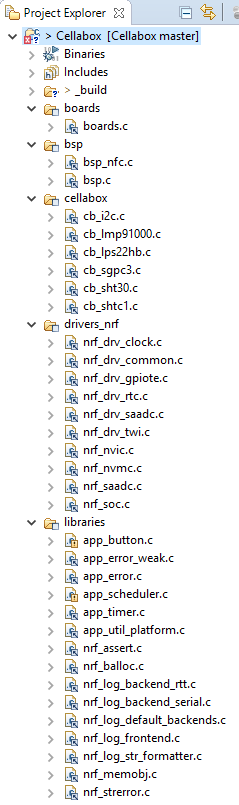
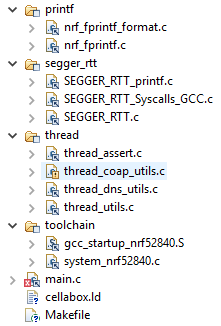
# Path variables

Set SDK\_LOC to the specific SDK you want to use.

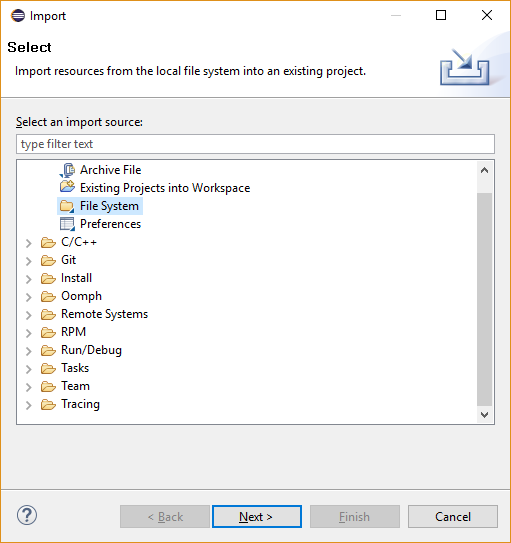
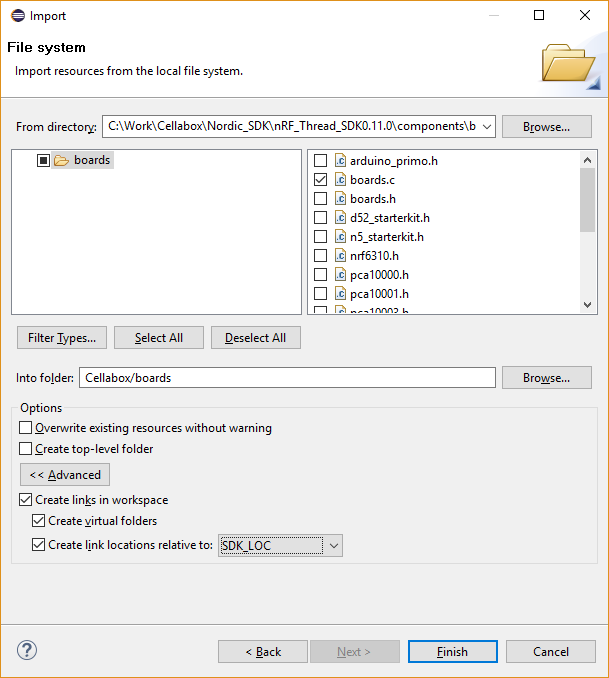


# Add new source files

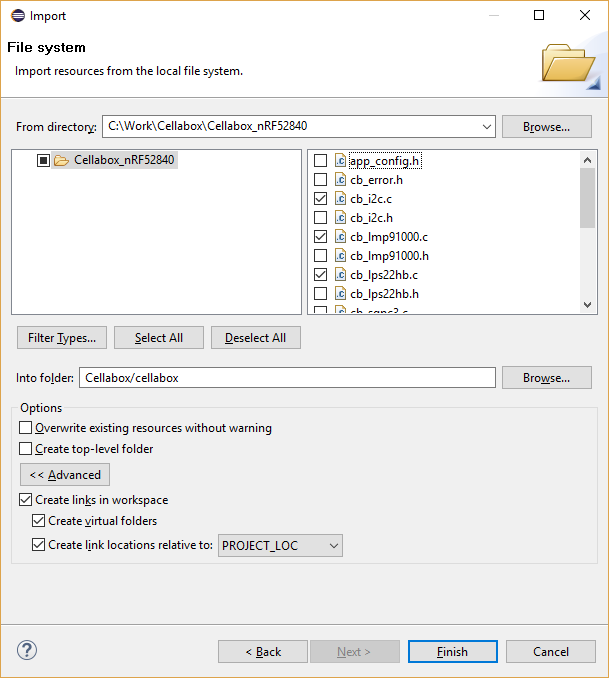
## Eclipse file structure

## SDK files (/sdk)

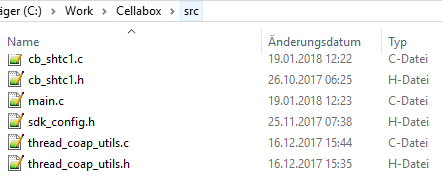
## Cellabox source files (/src)



# Source files from SDK

When updating the SDK, copy source files from SDK example: cloud\_coap\_client to Cellabox source folder “src” and modify them.

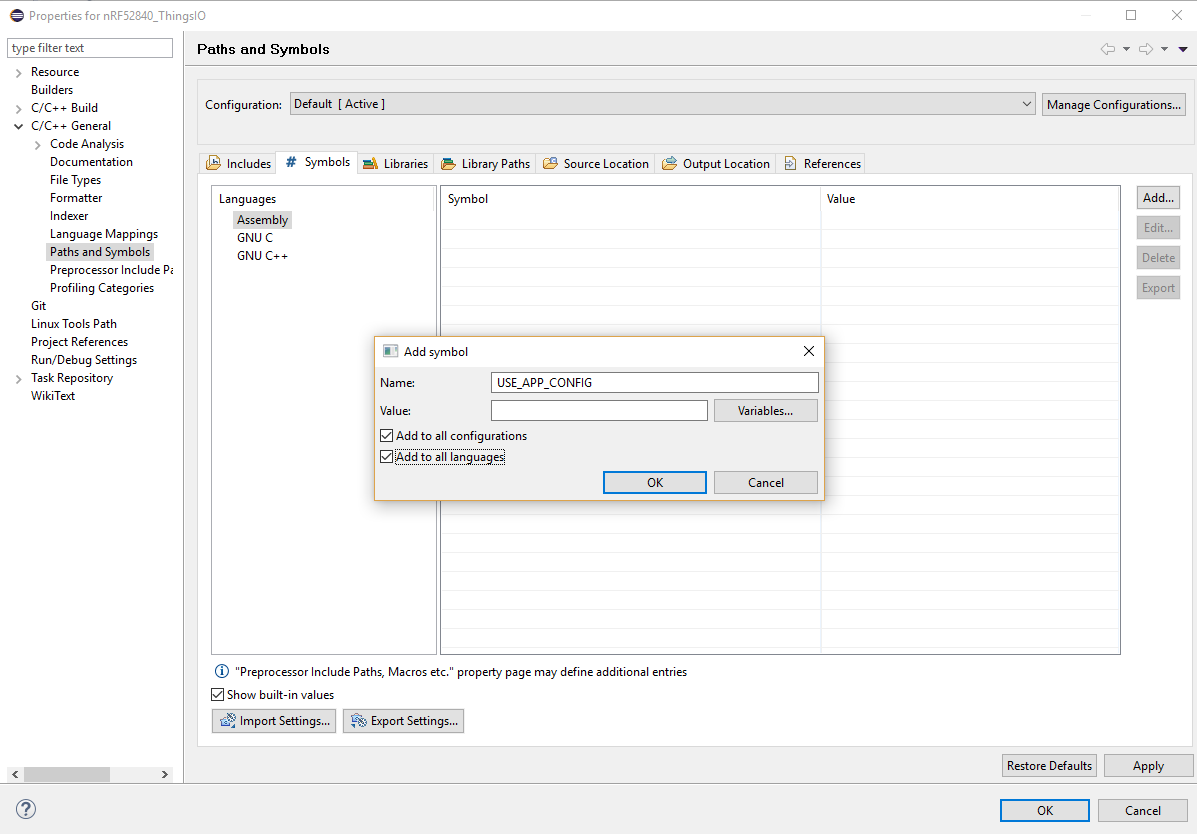
* sdk\_config.h
* thread\_coap\_untils.c
* thread\_coap\_utils.h

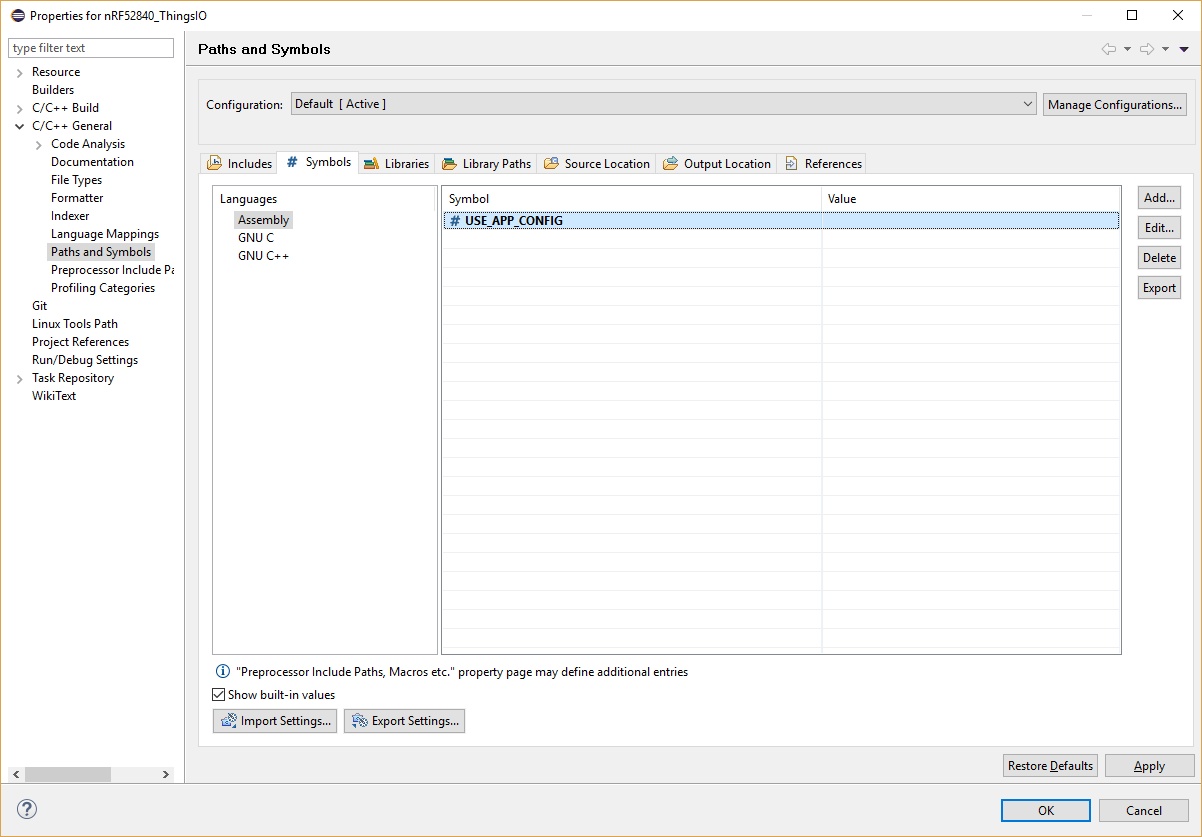


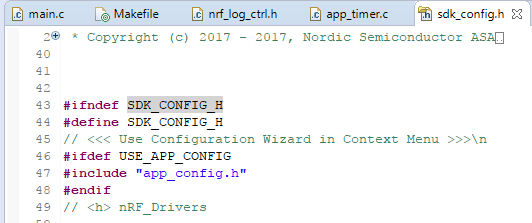
# Eclipse Properties

## USE\_APP\_CONFIG

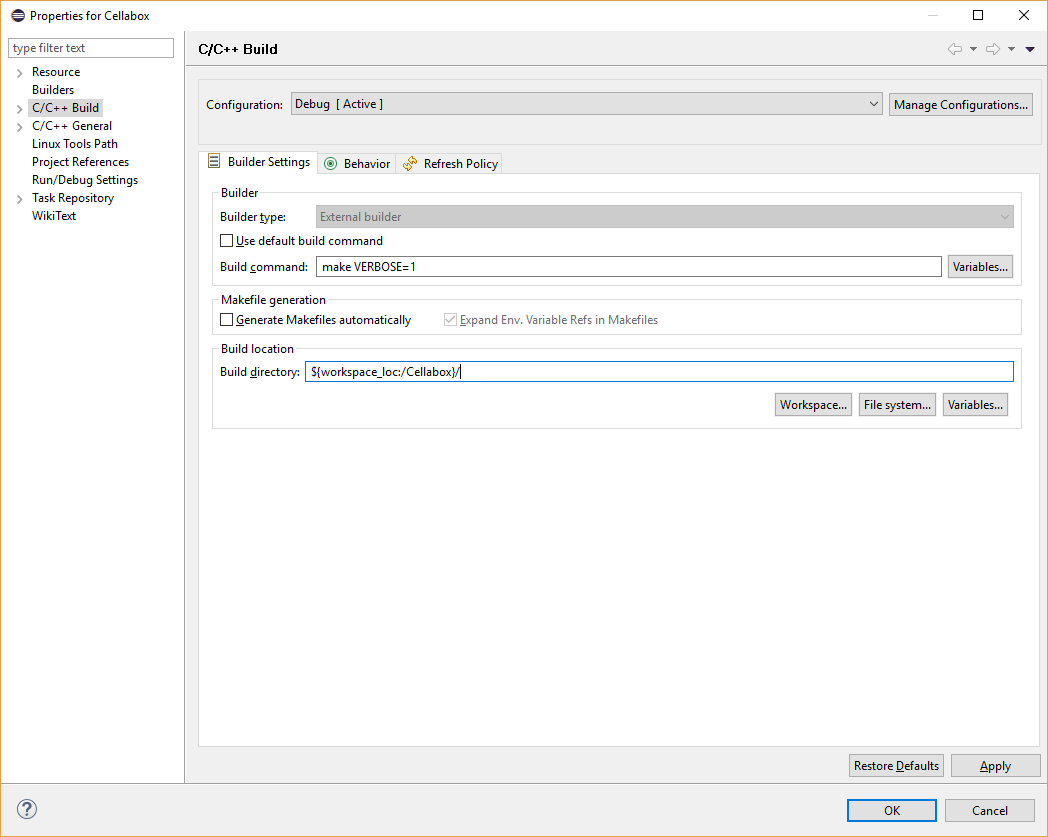
Define USE\_APP\_CONFIG to get HW resources like TWI, SAADC, RTC0 etc. running.





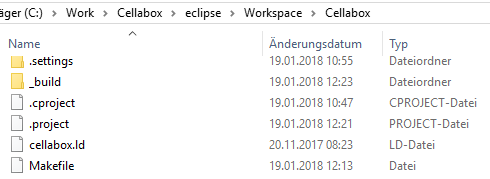


## make

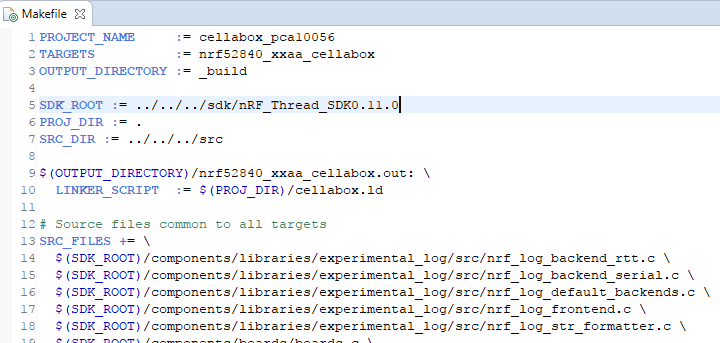


# Makefile

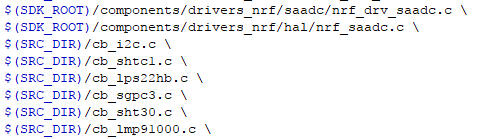
## Makefile path on disk



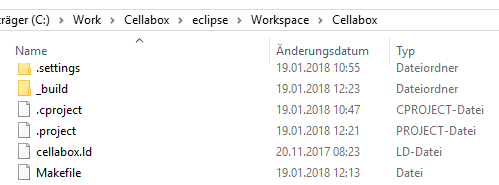
## SDK\_ROOT (SDK files)



## SRC\_DIR (Cellabox source files)

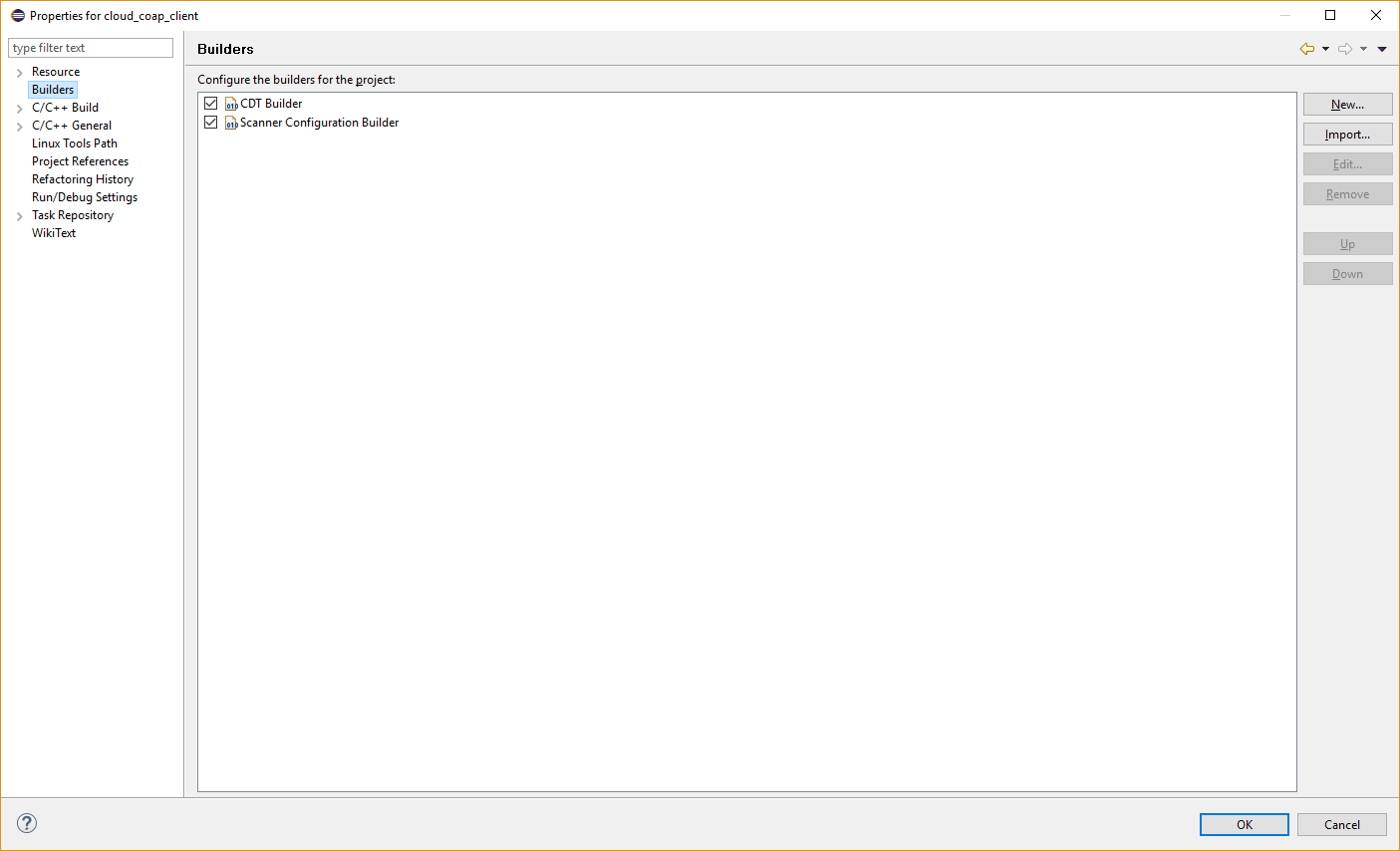


# Linker script

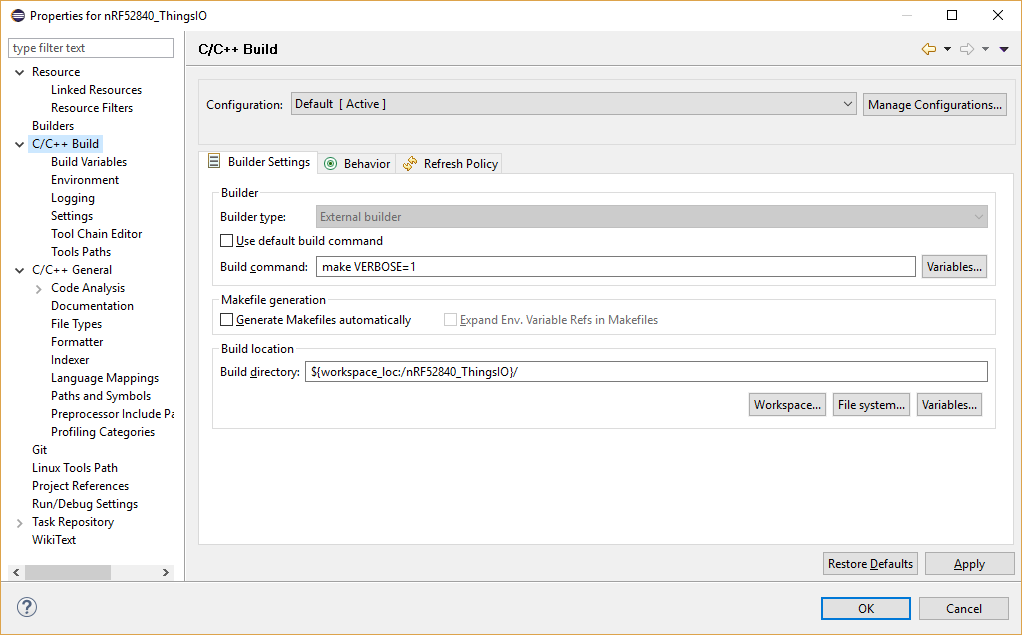


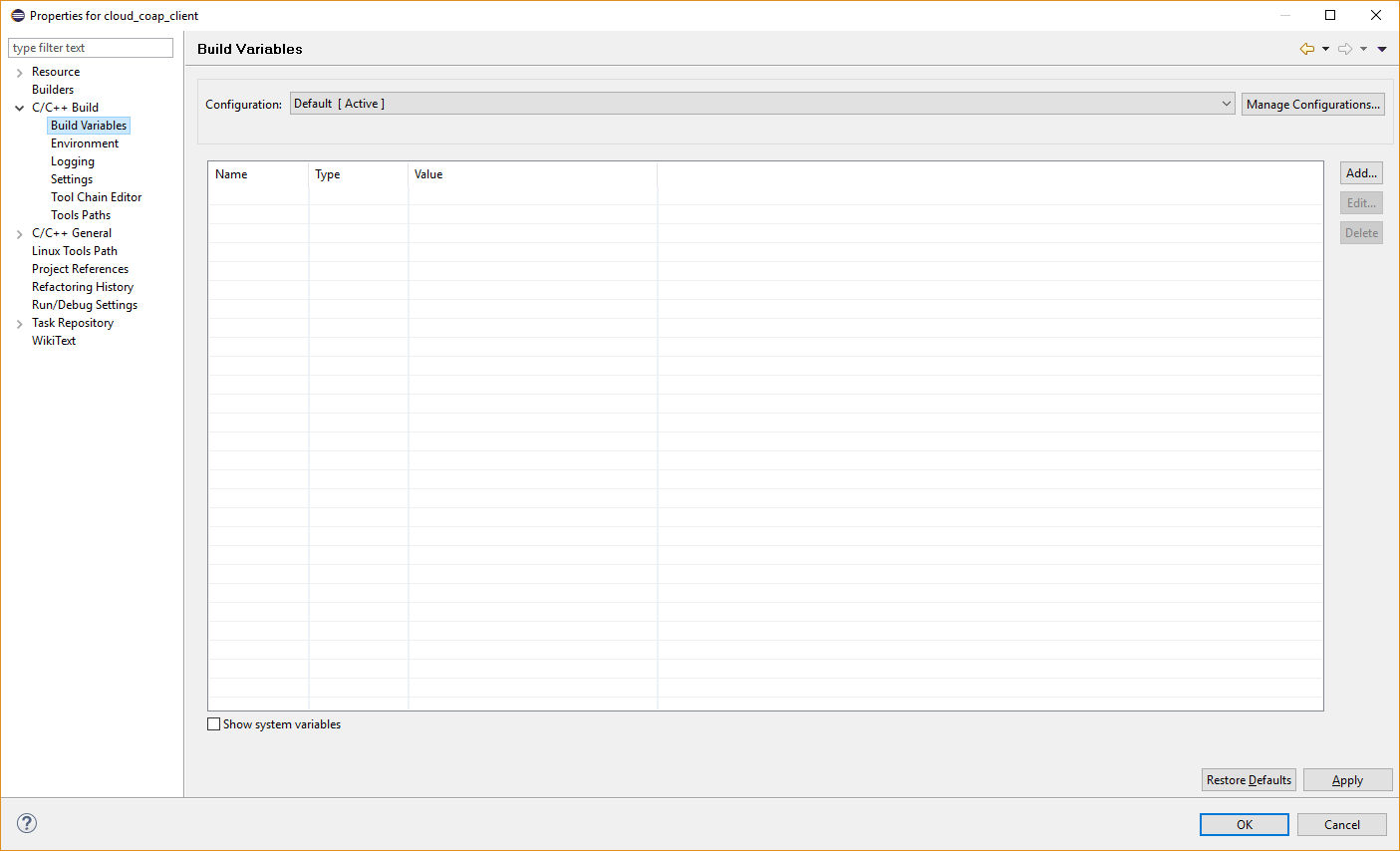
# Project properties

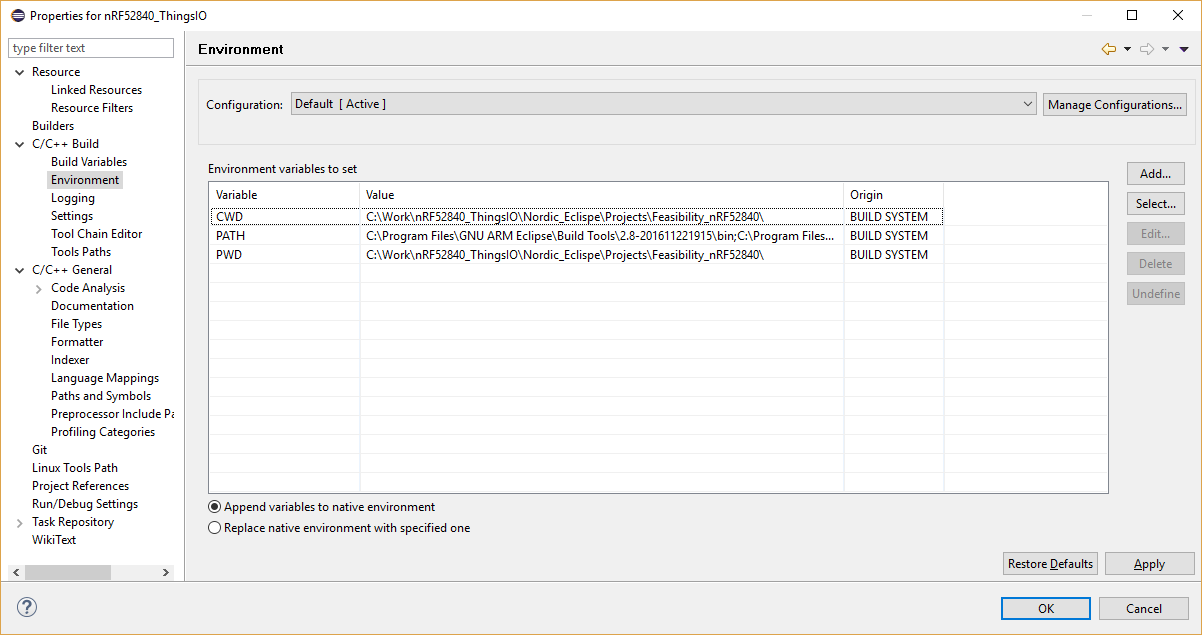
## Builders

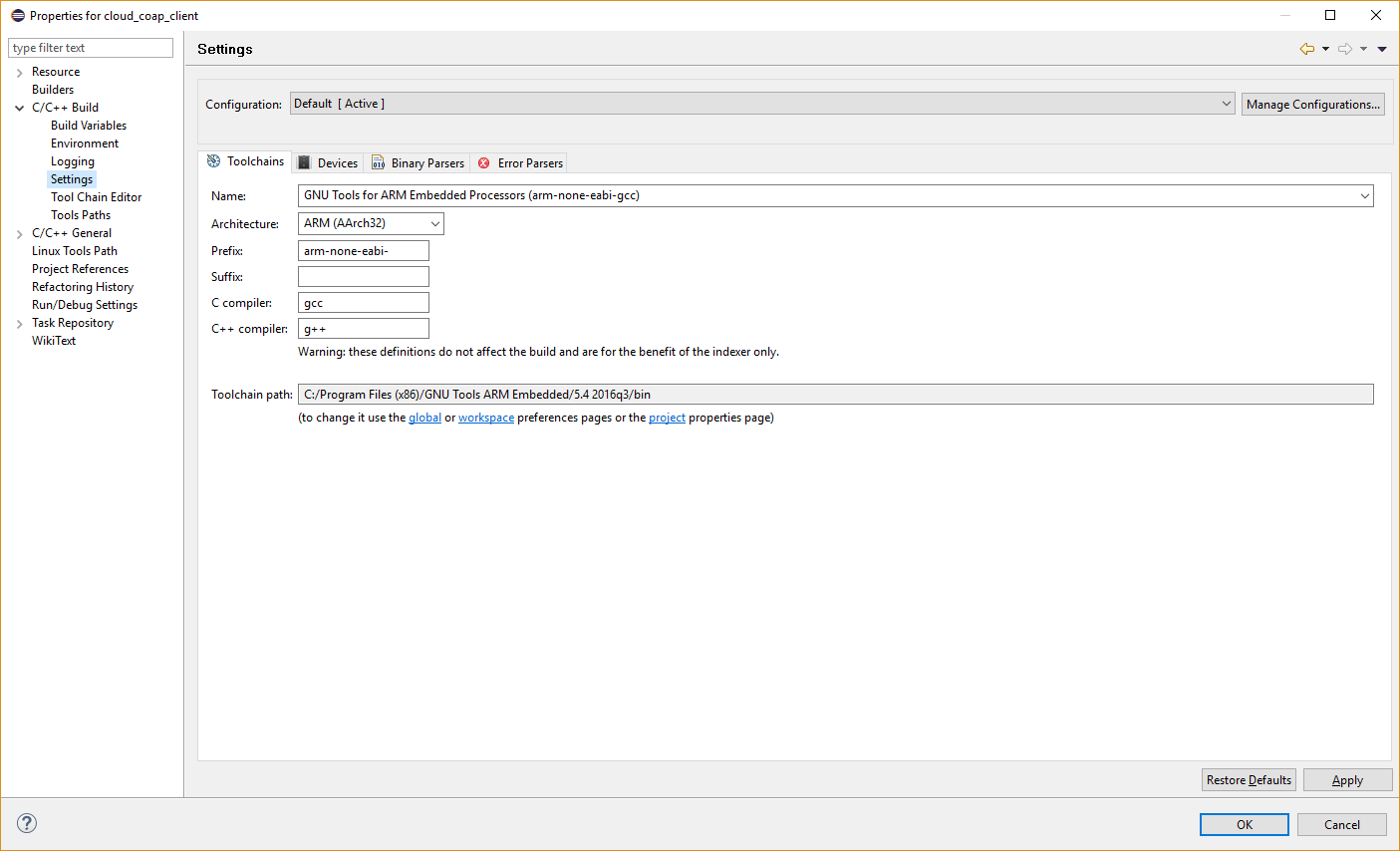


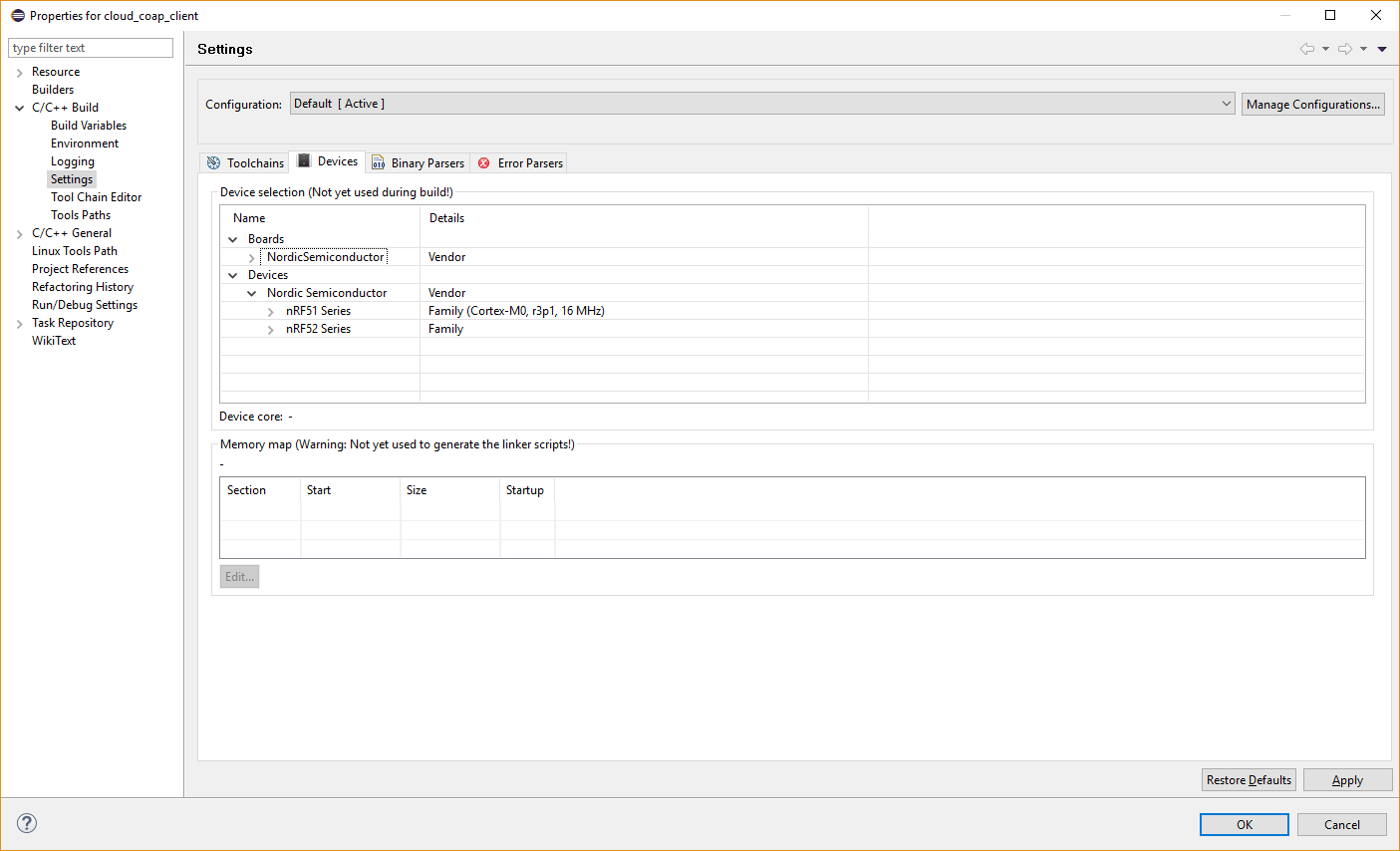
## C/C++ Build

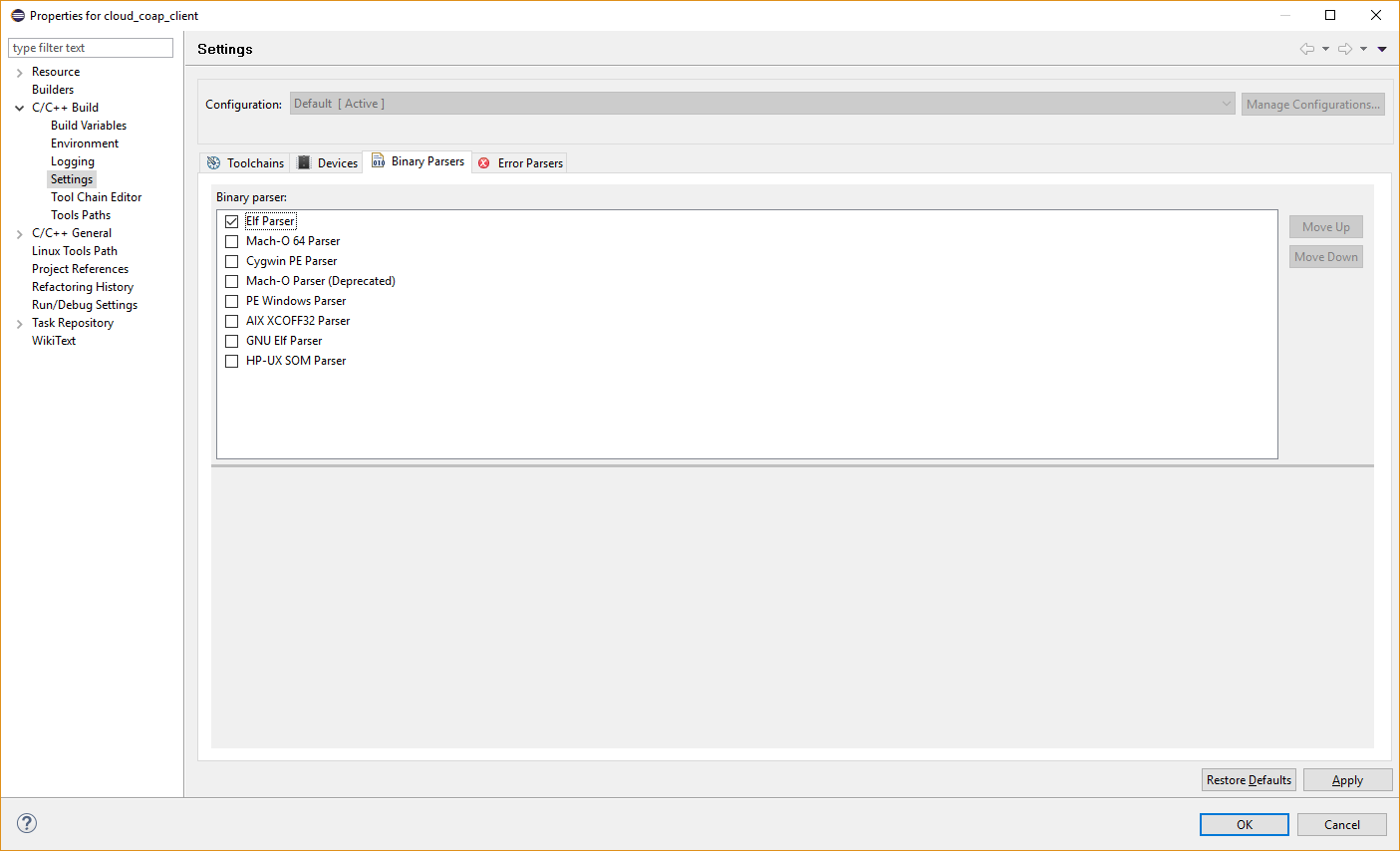


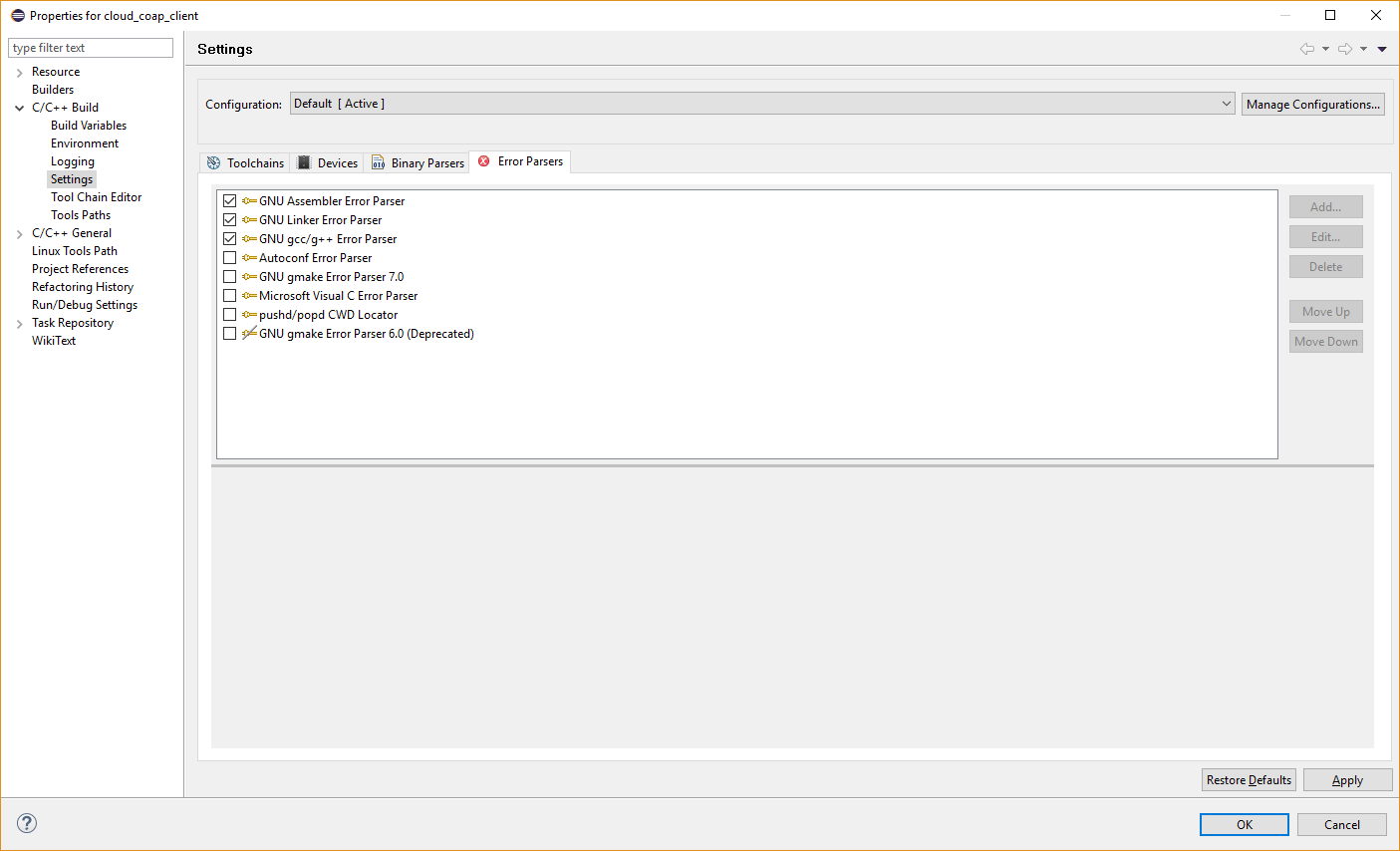


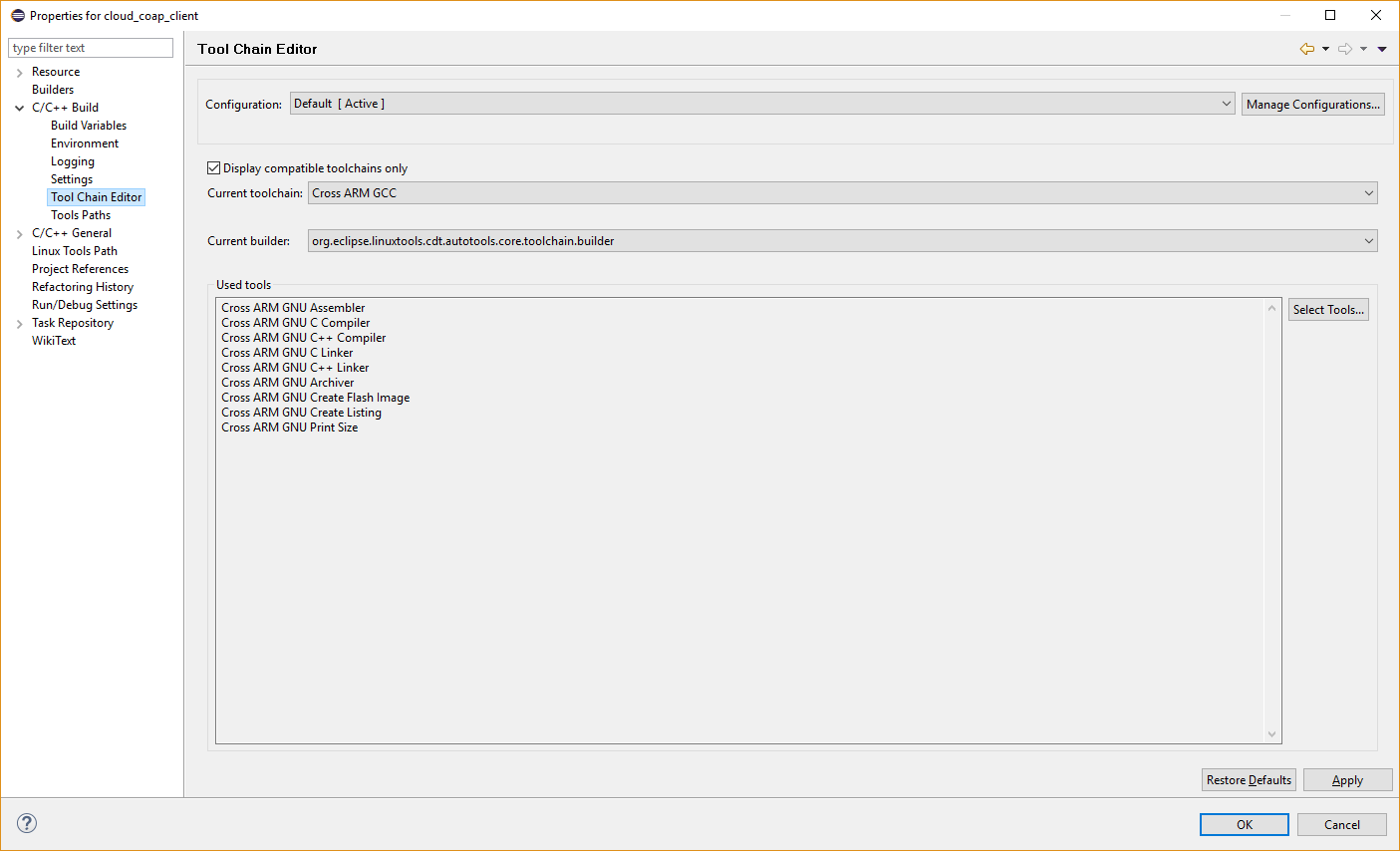


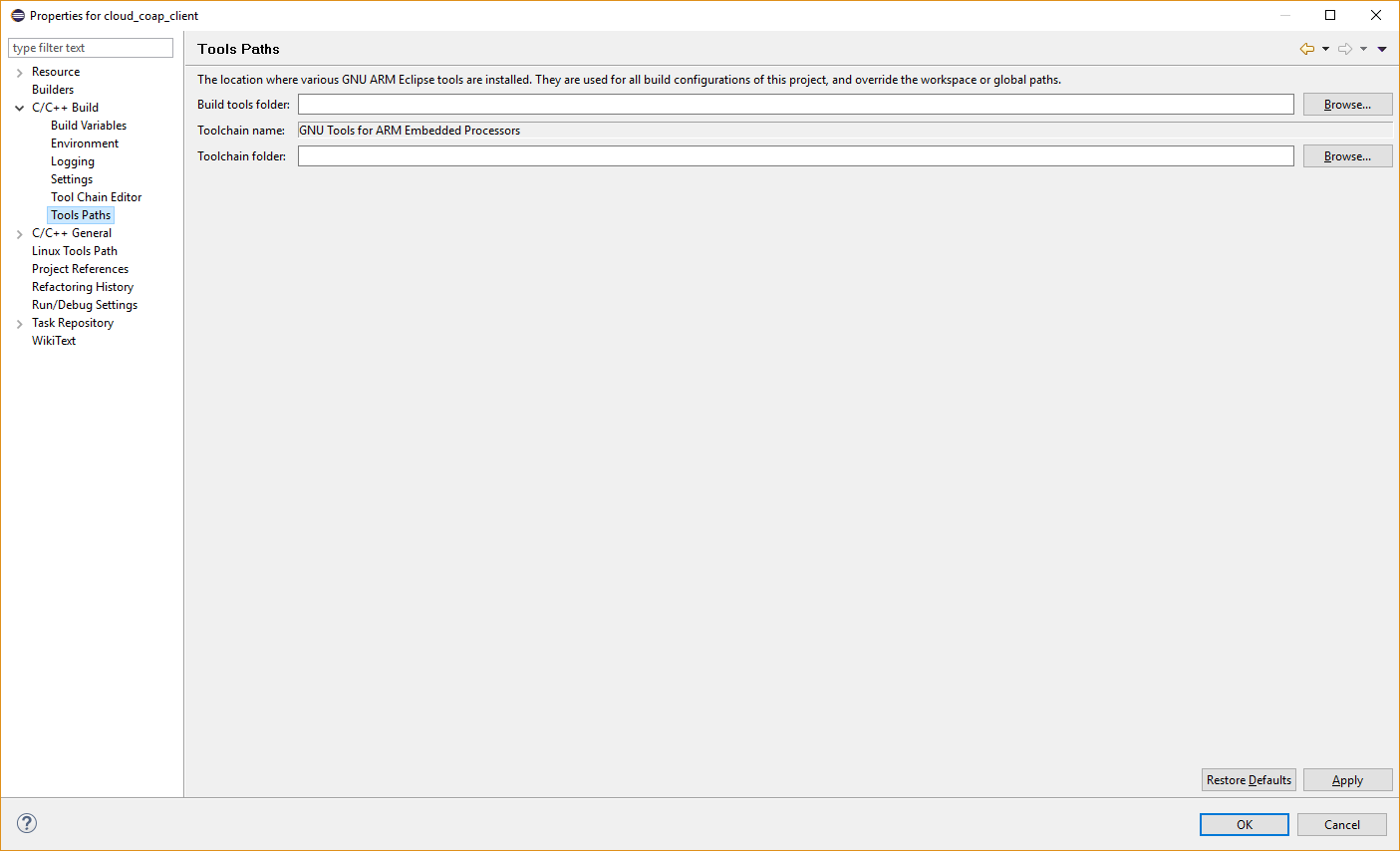




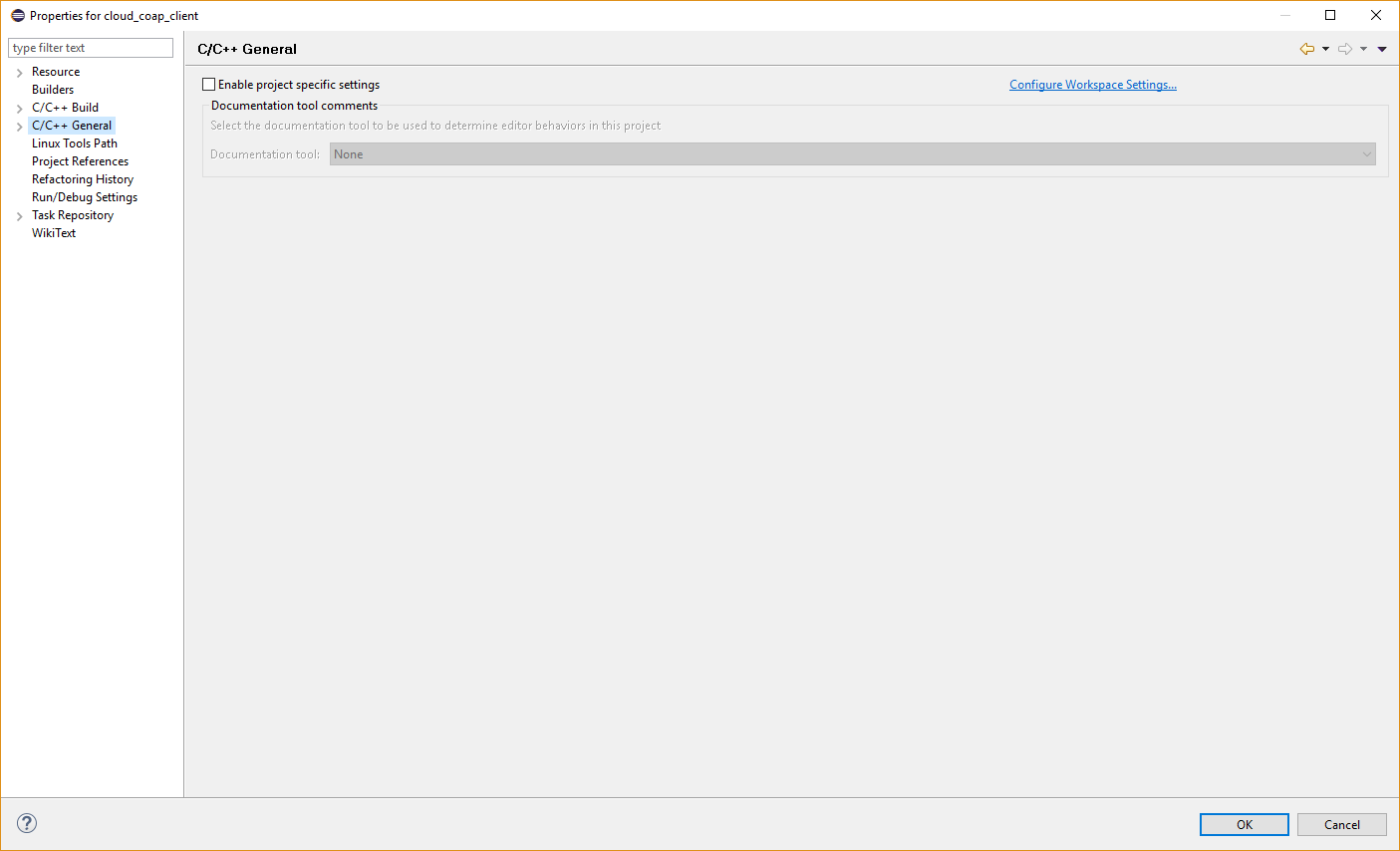


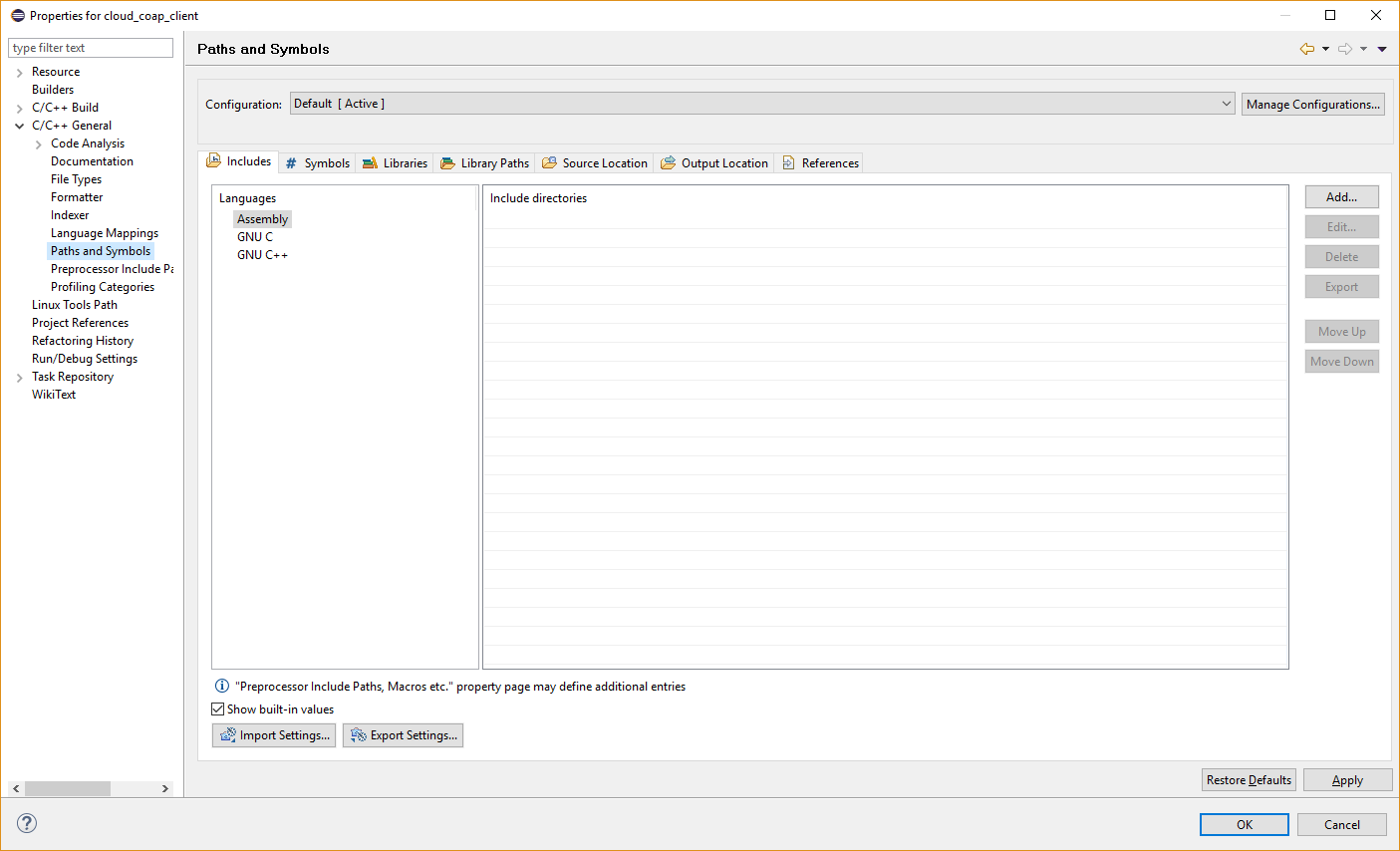


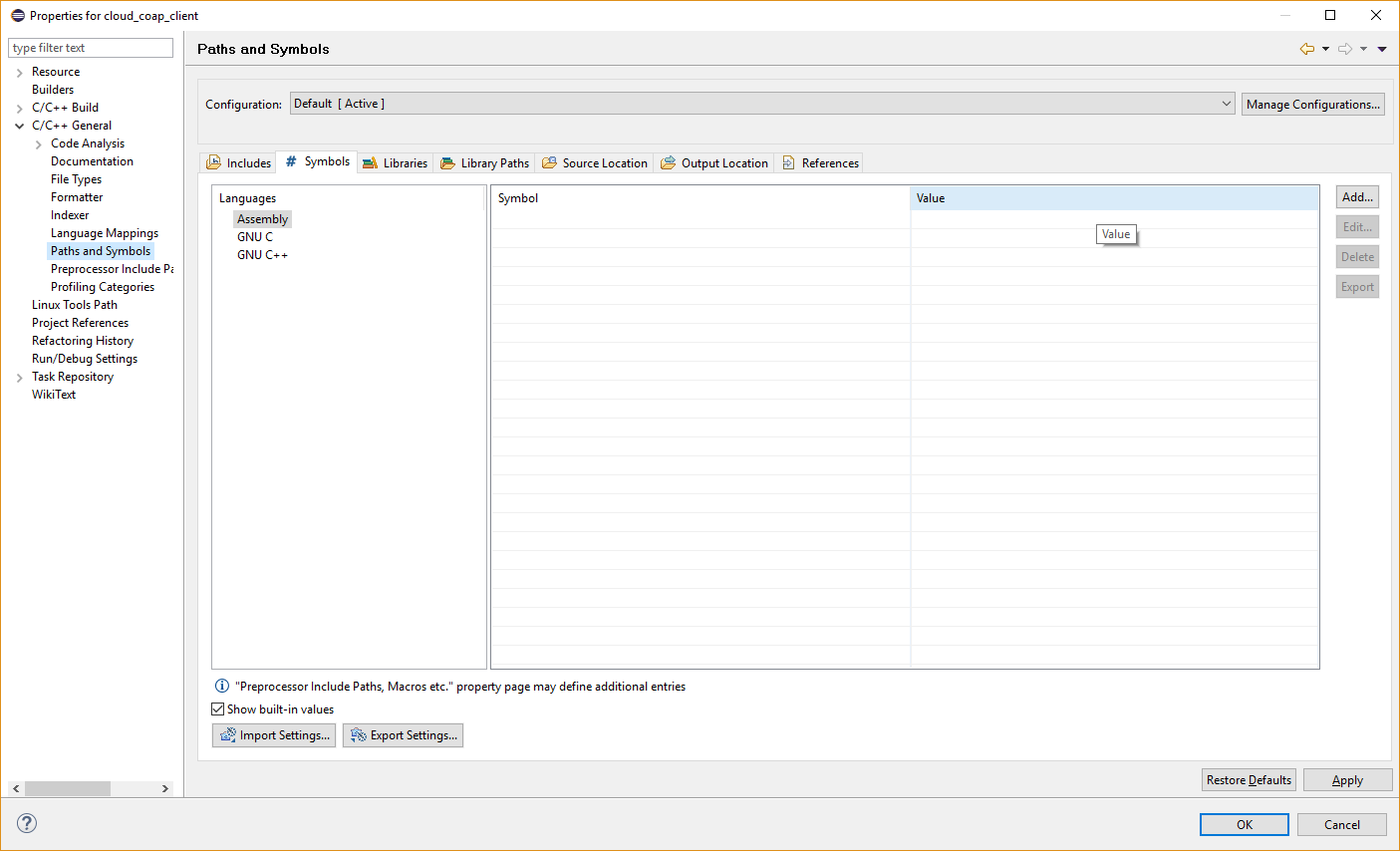


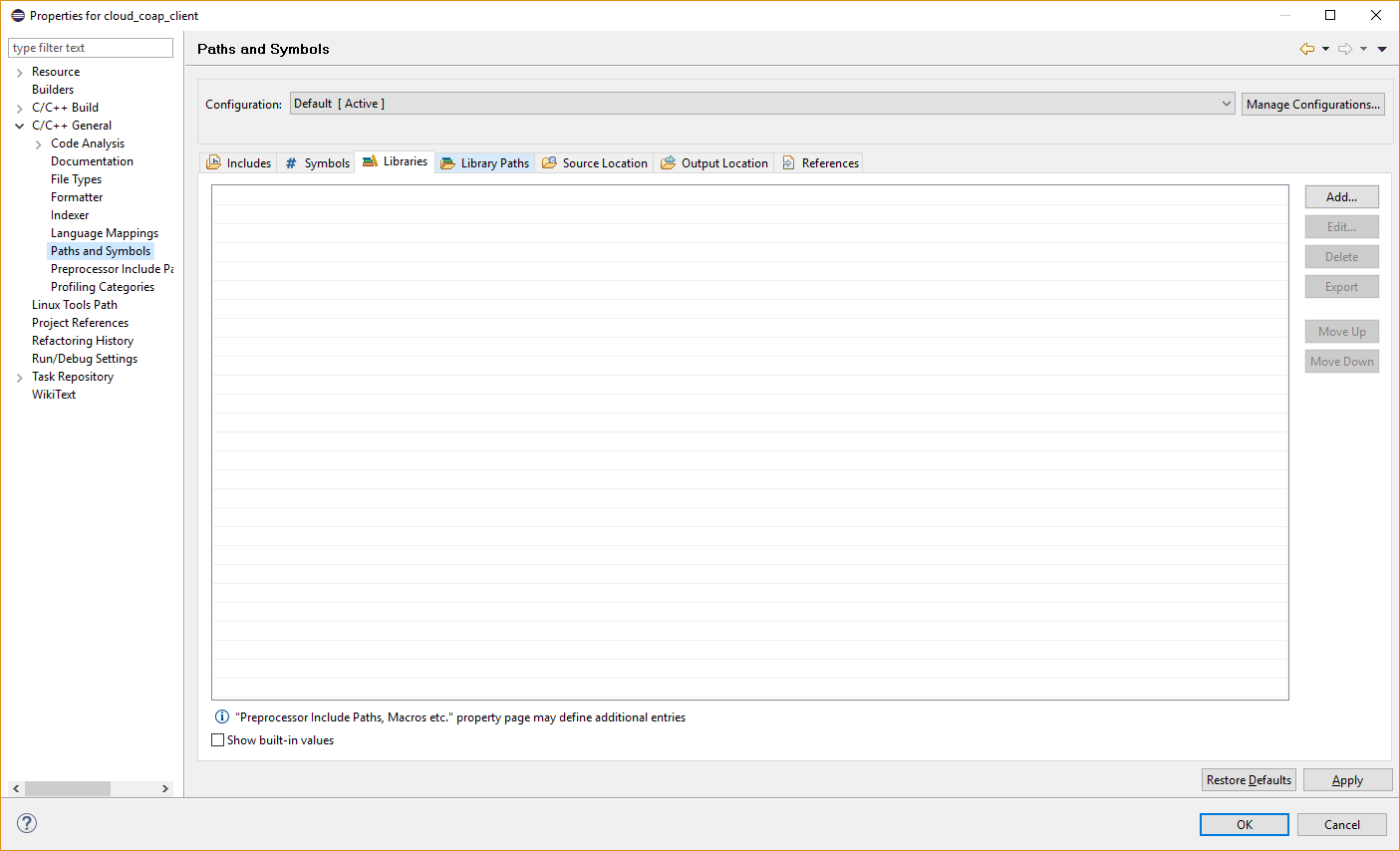


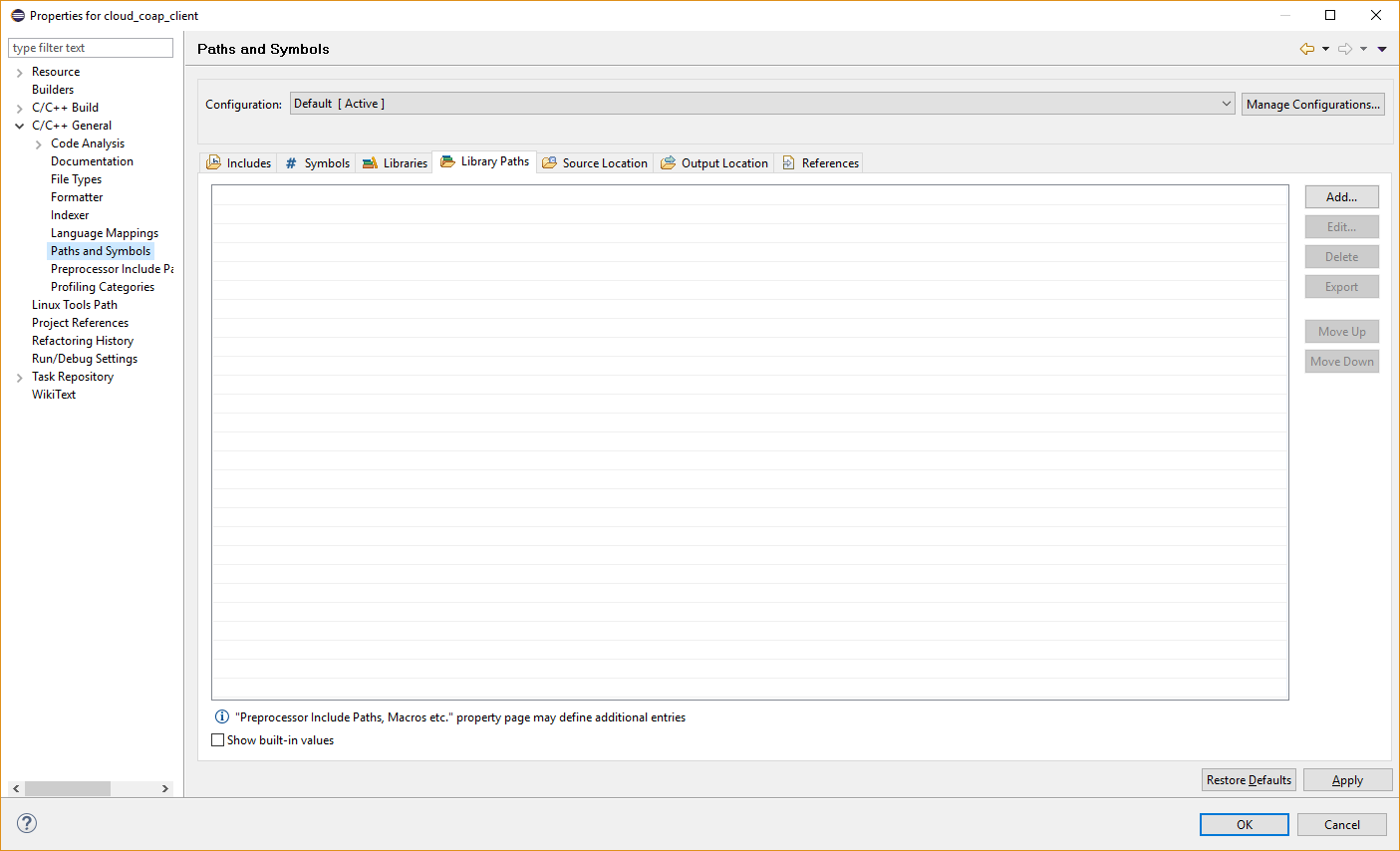
## C/C++ General

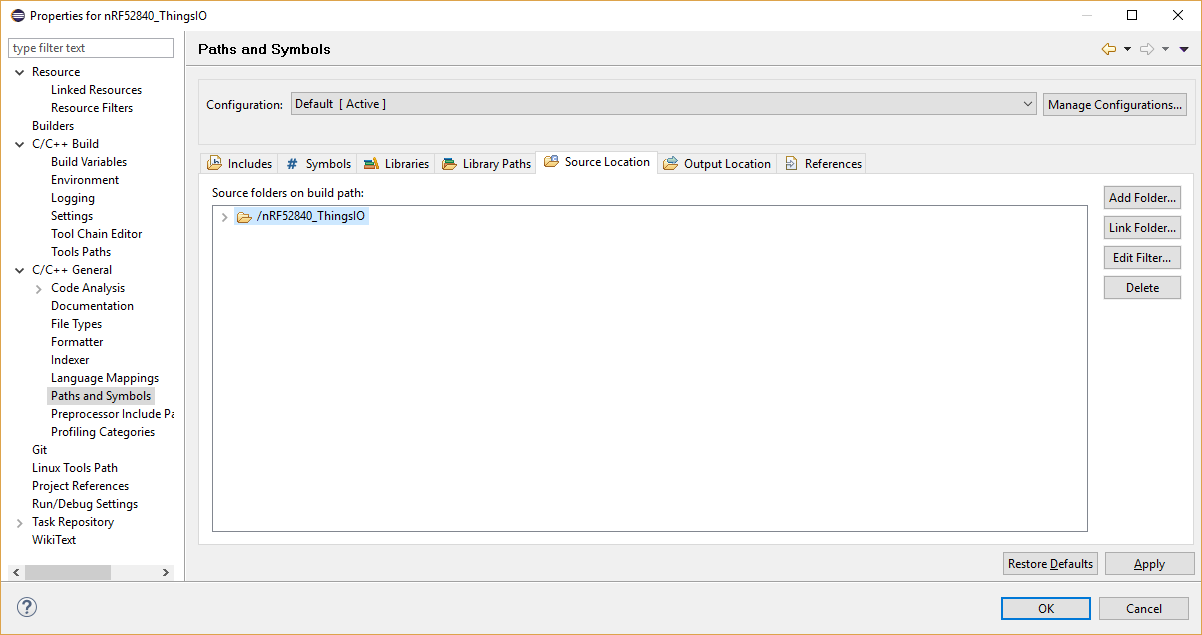


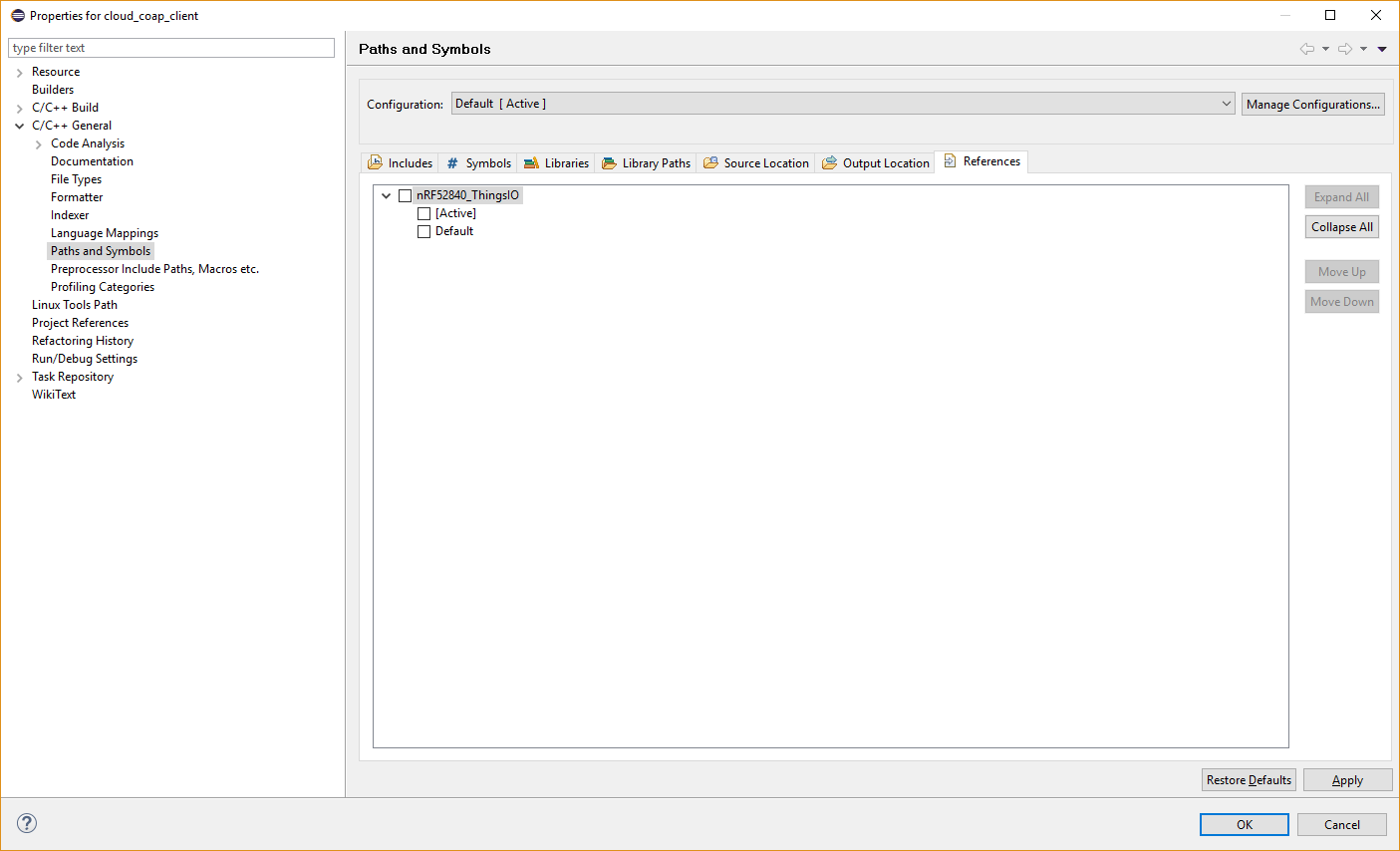


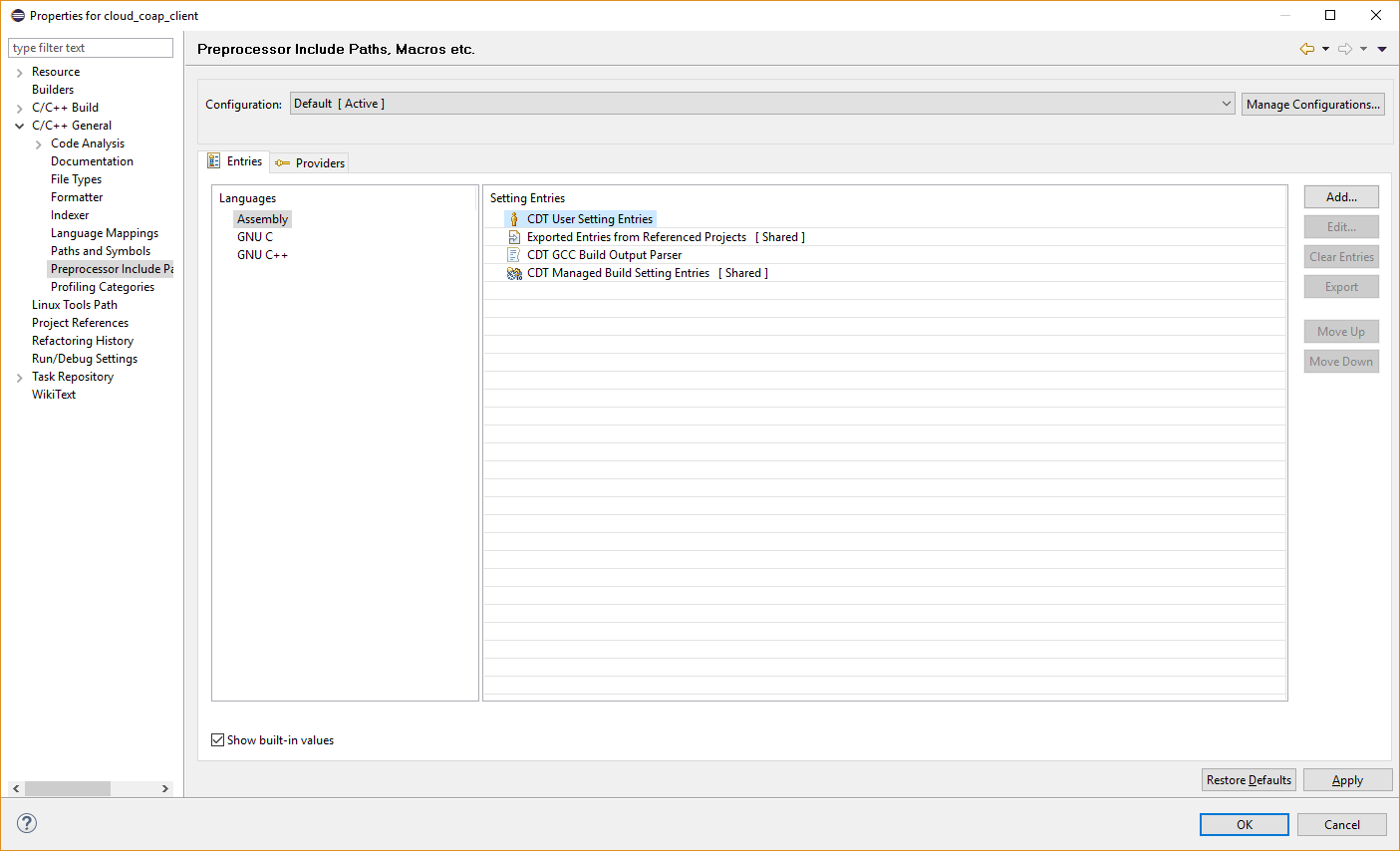


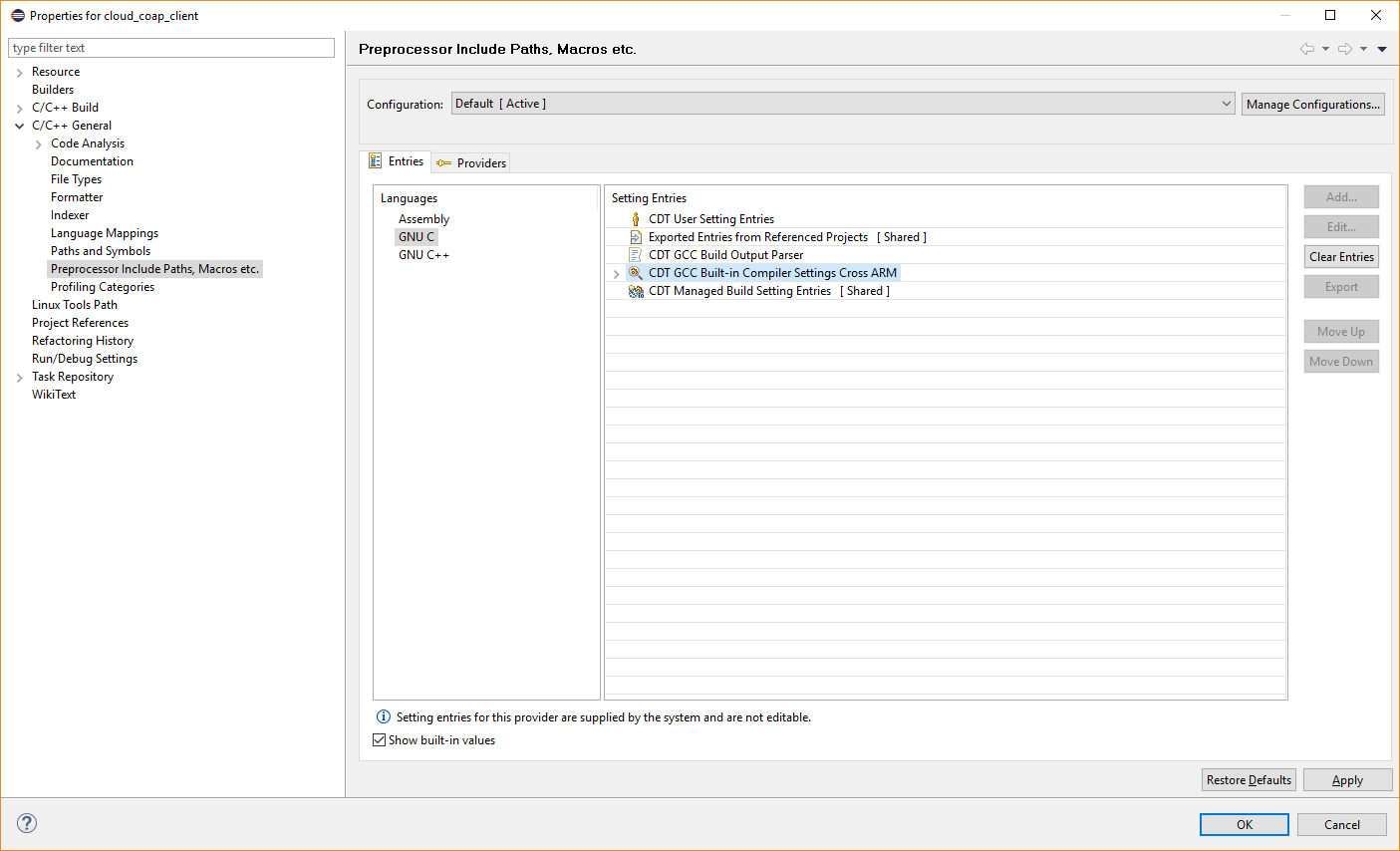


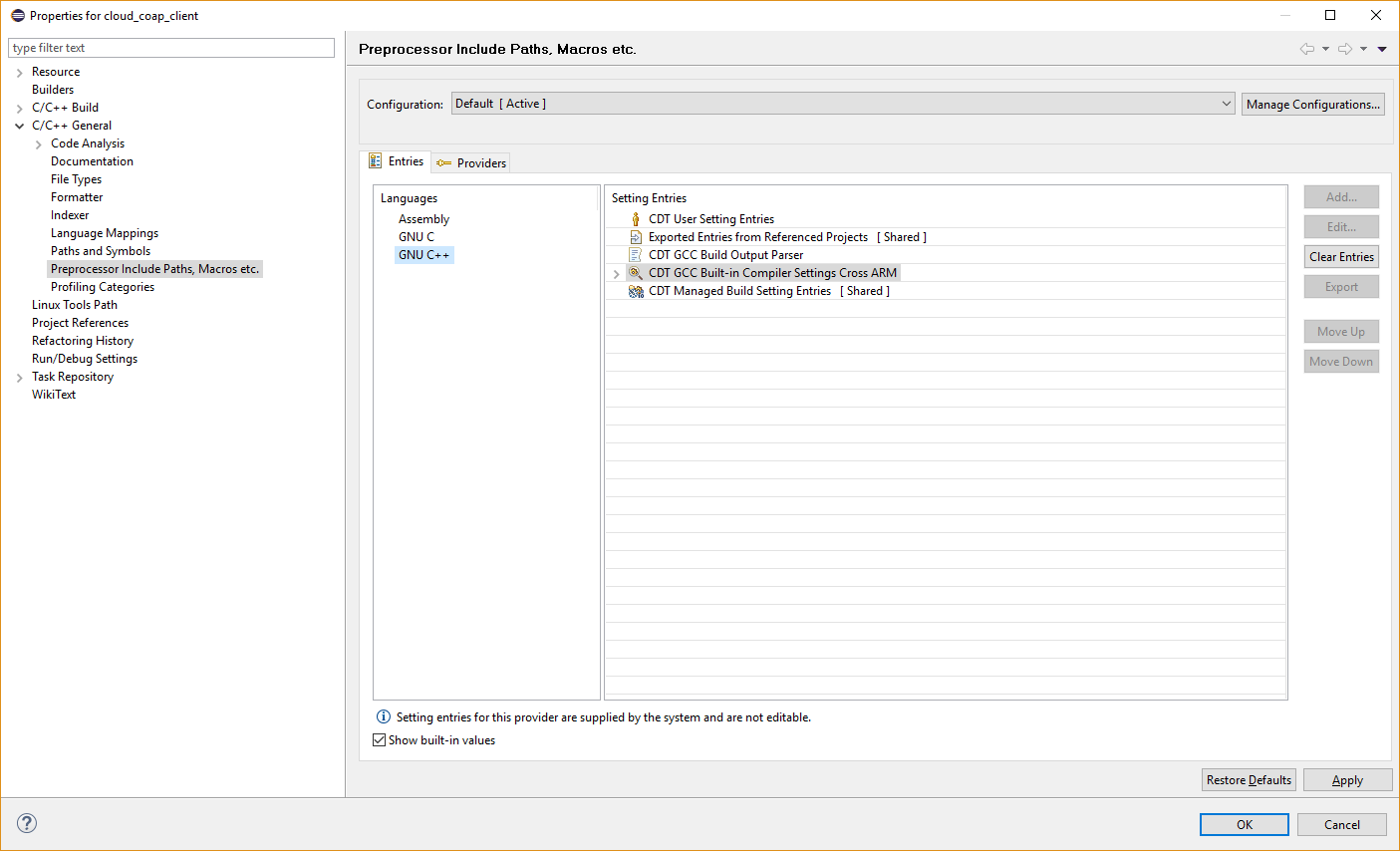


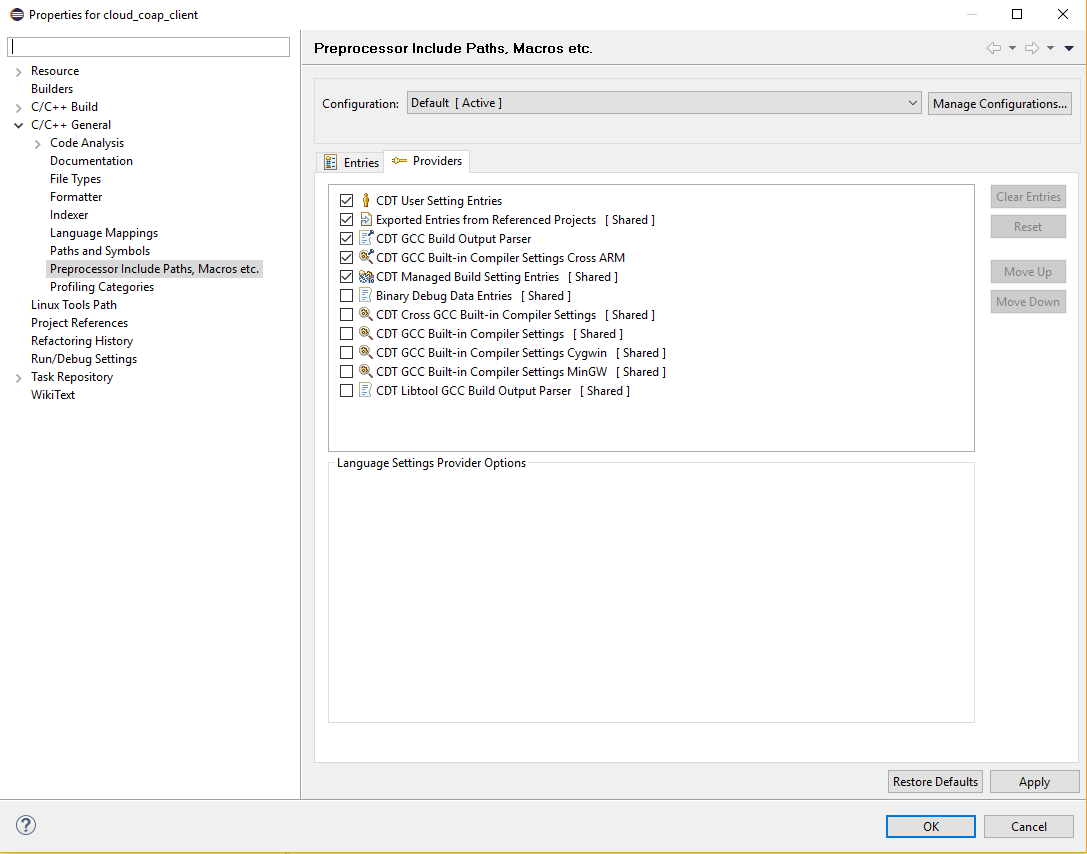


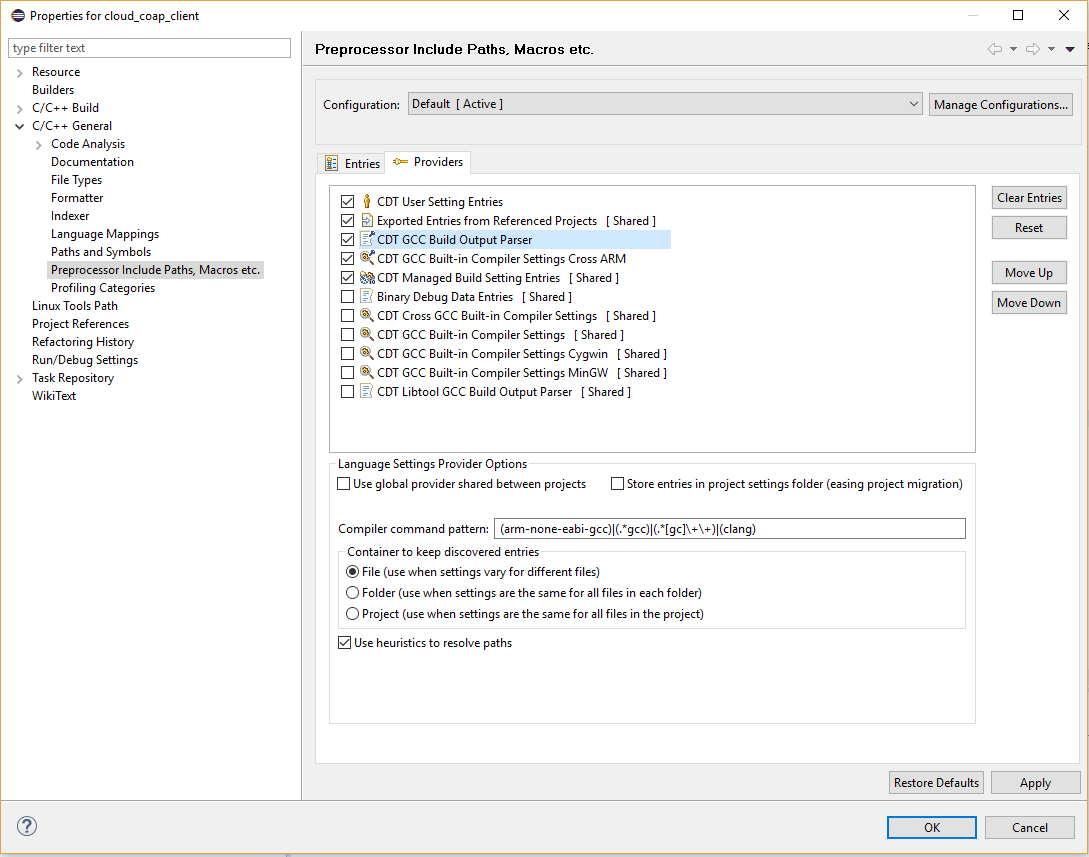


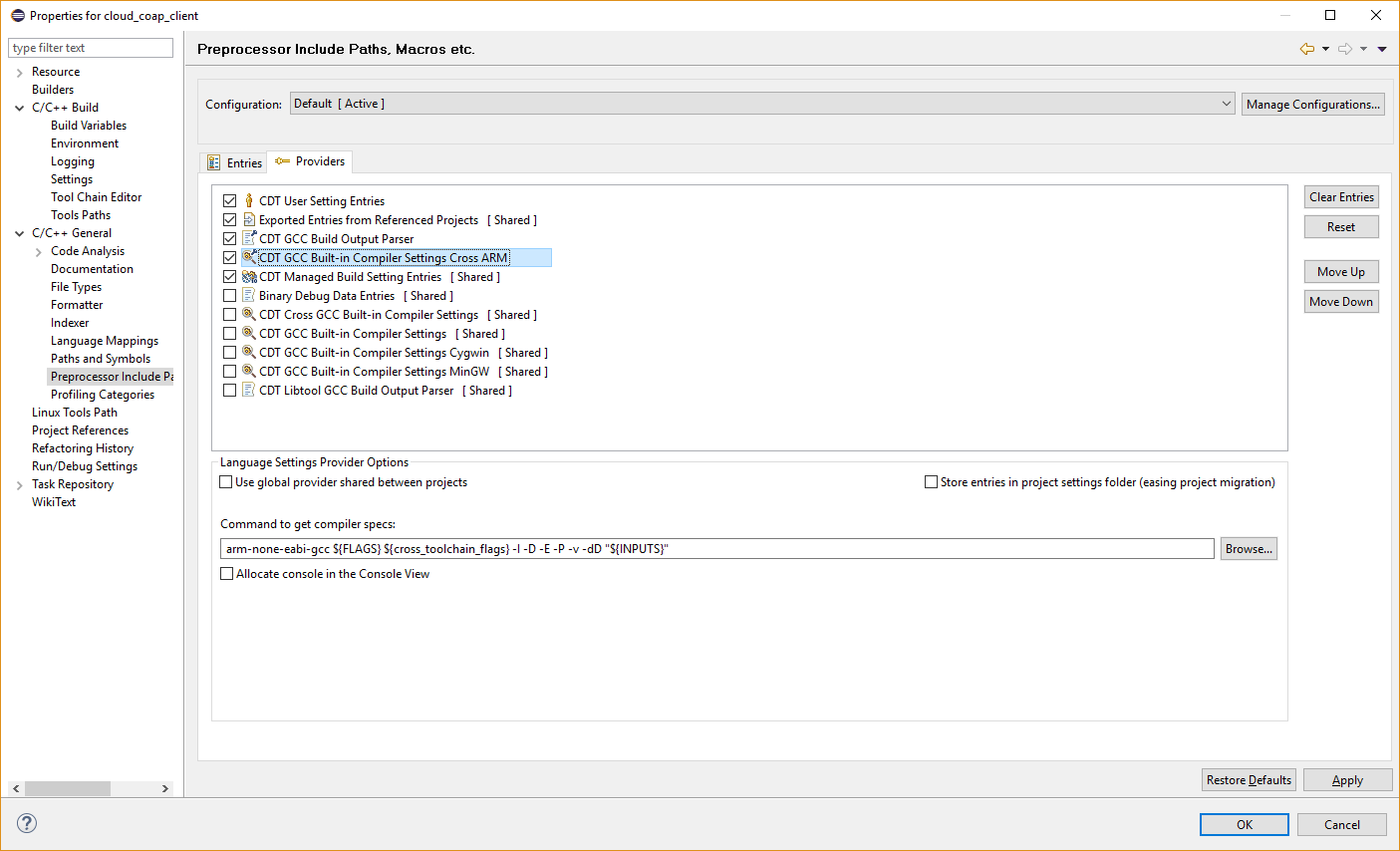


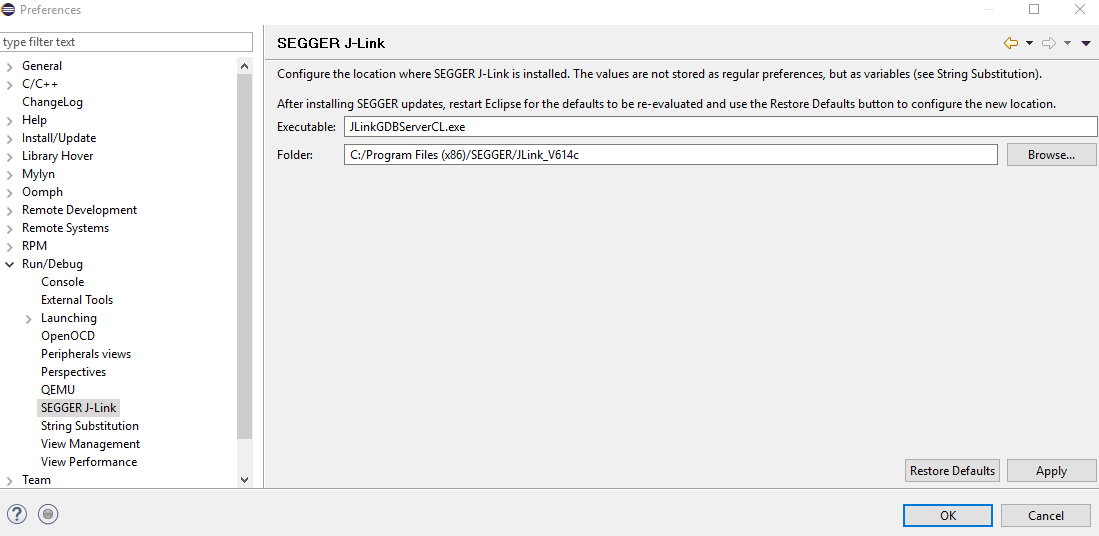








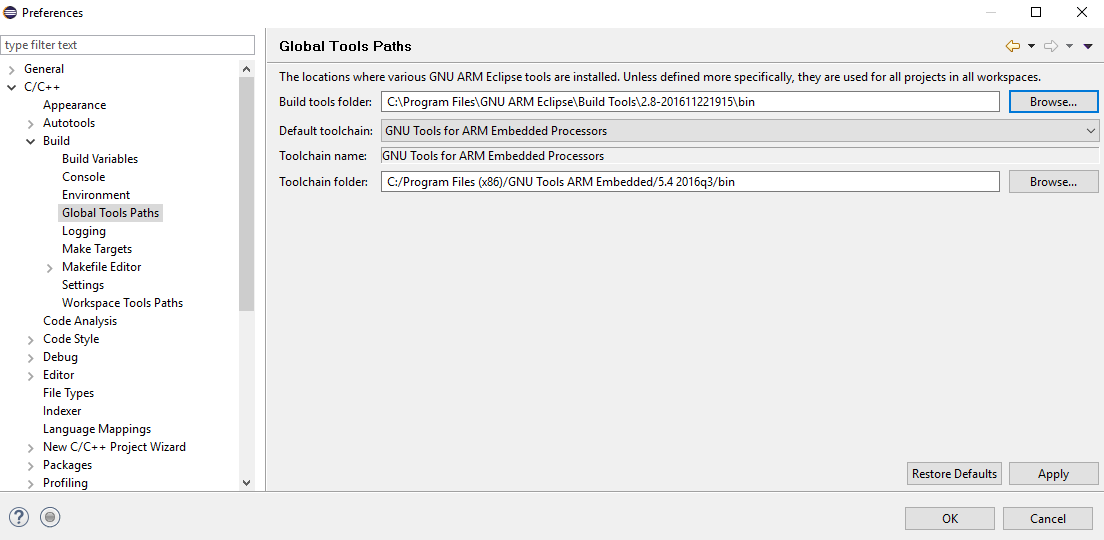




# Eclipse

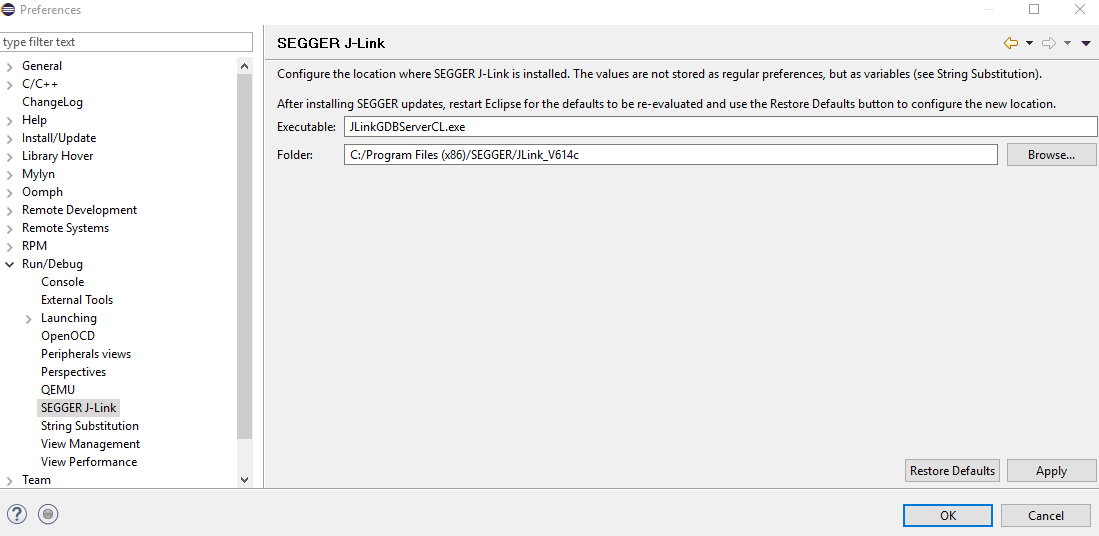
## C/C++

Windows 🡪 Preferences



## Run/Debug

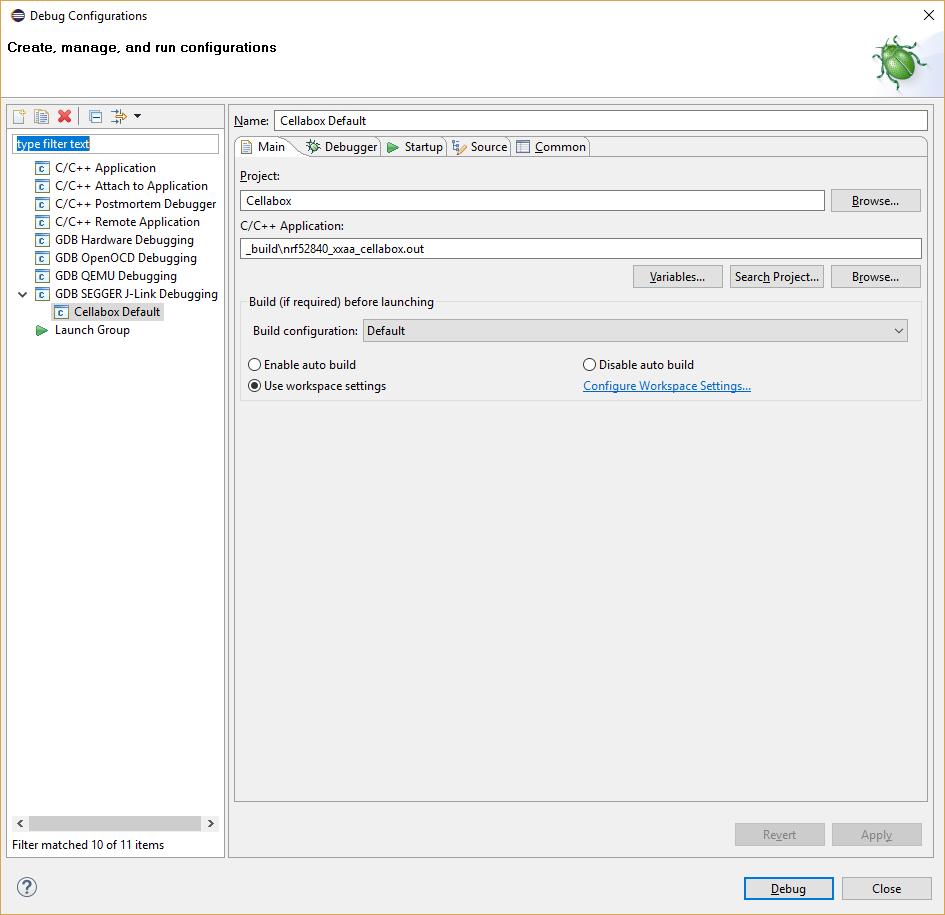
Windows 🡪 Preferences

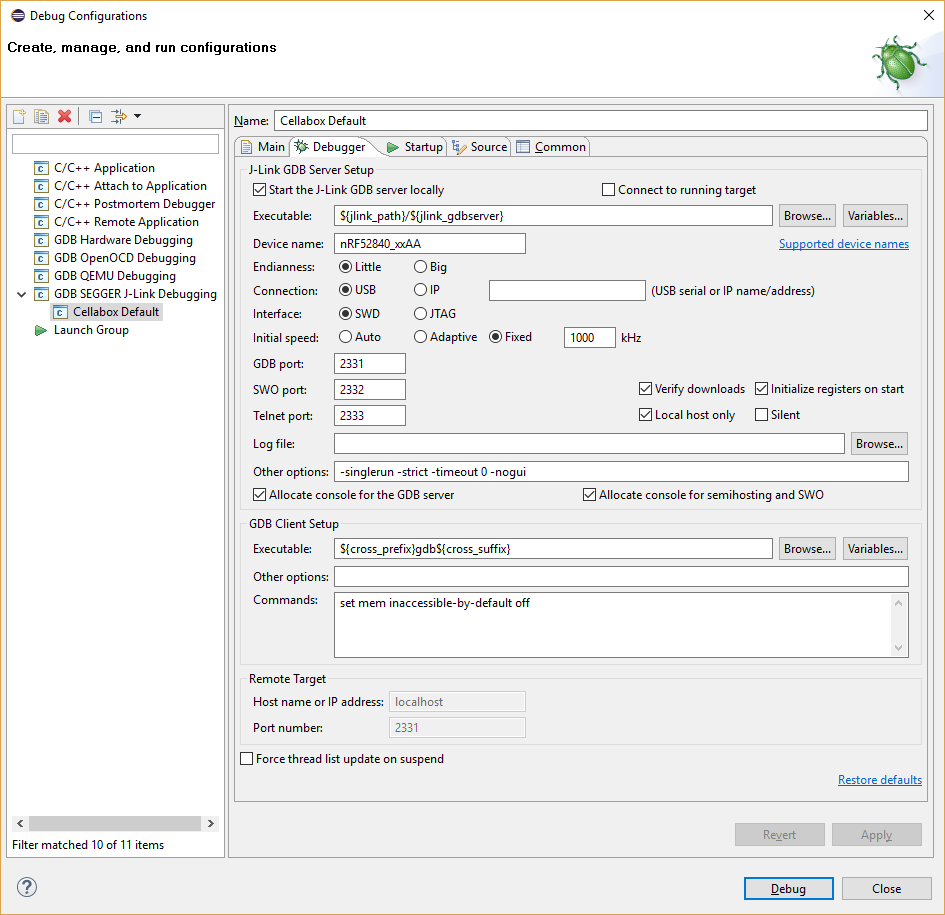


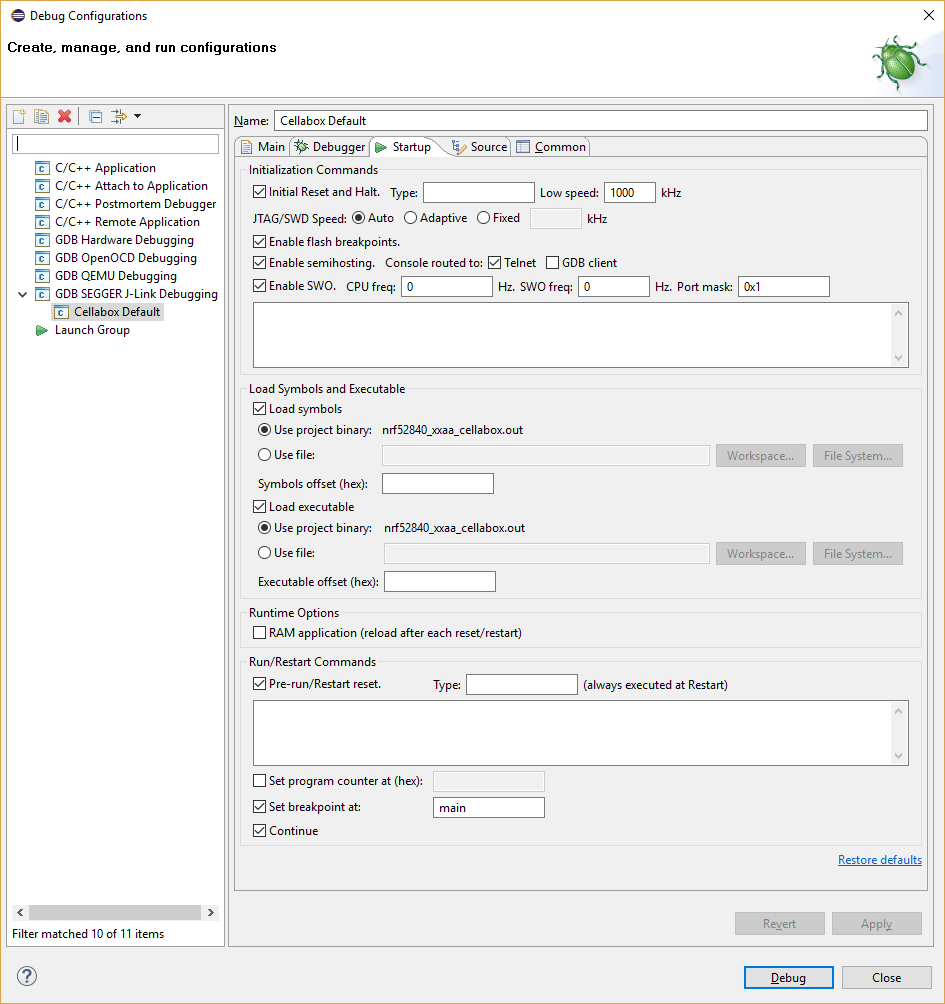
## Debug configuration

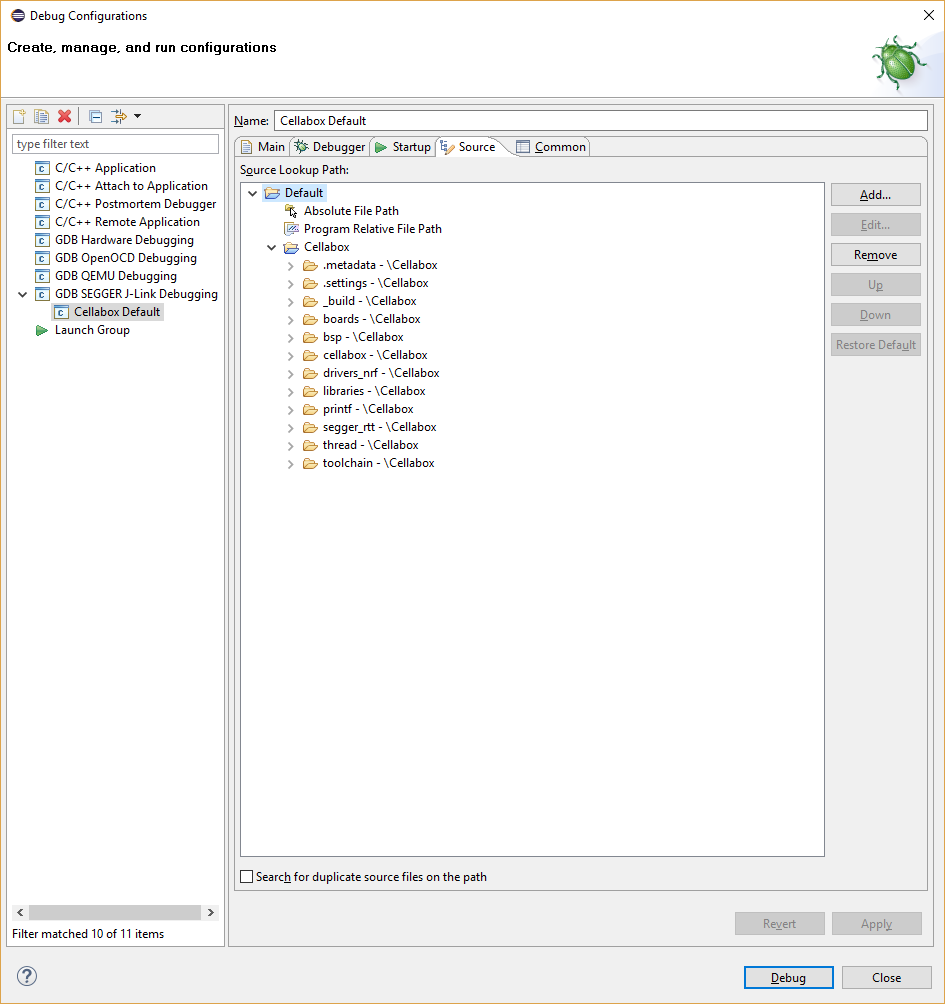
Run 🡪 Debug Configurations…

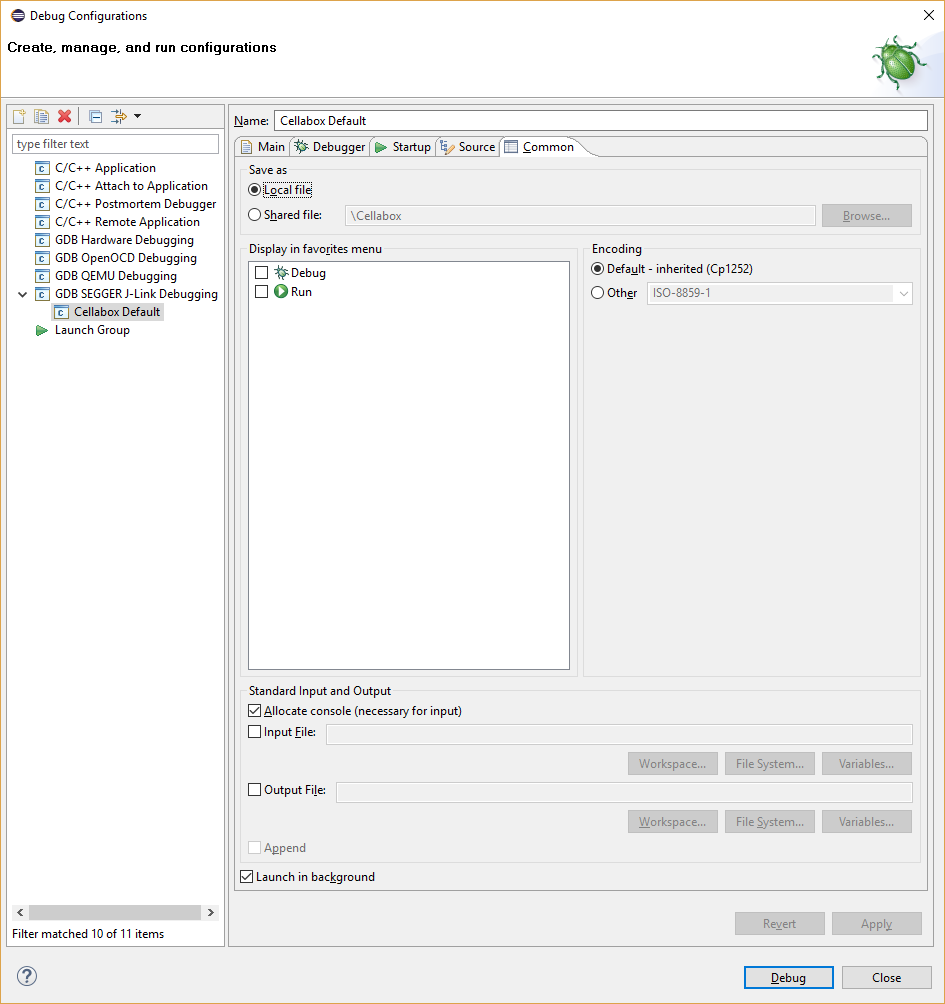
Create new launch configuration like shown below:



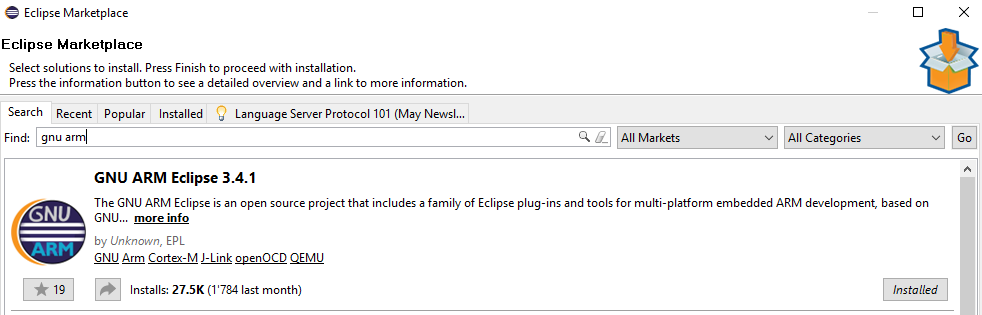








## Eclipse plug-ins



## Eclipse version

