MCUXpressor Guide for LPC 11c24 and Other LPC11xx (1/3)

/media/harry/easystore1/backup-2020-2-15/SJSU/CMPE240/11c24-1768-lpcopen/release-gpio-testing-2022-9-20/final$

https://medium.com/echohub/mcuxpresso-usage-60c140662ce1

1. Import Library → 2. Import Existing Projects into Workspace → 3. select your library path then you will show imported projects files in Import pages → 4. You can build imported projects. Right click on project files and click Build Project → 5. create new C/C++ project in MCUXpresso IDE for LPC11xx.h → 6. import external library → 7. debug the created project

https://drive.google.com/file/d/1PapSjPC5tJo5jf-MF58GhjaVN1Q8dDvG/view?usp=sharing

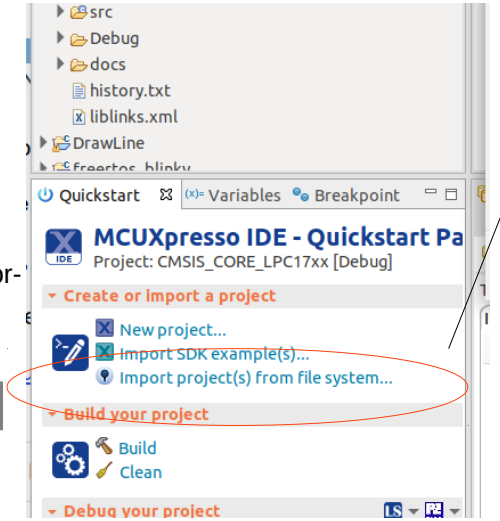
CMSIS_CORE_LPC11xx.zip

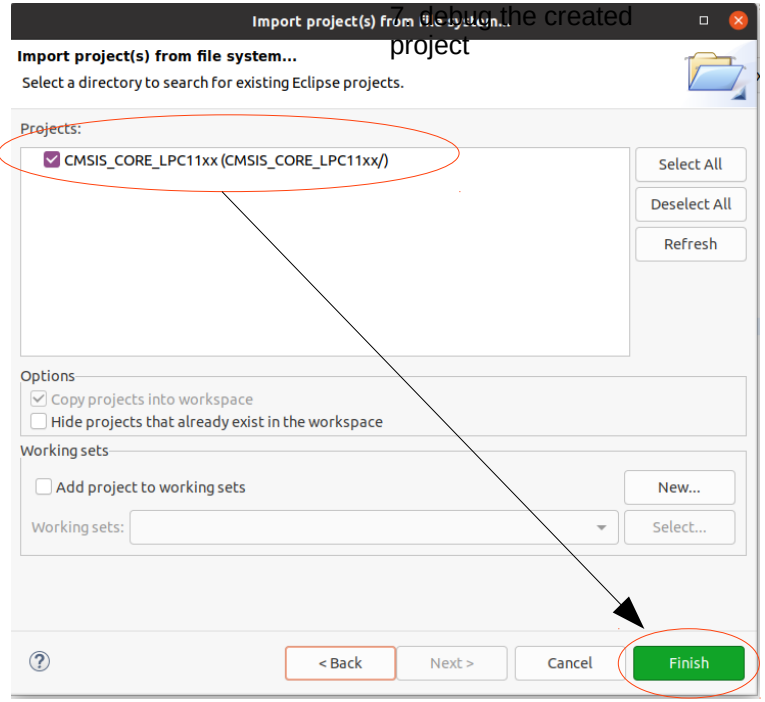
https://github.com/catch22eu/LPC11xx-LPCXpresso-CMSIS/tree/master/CMSISv2p00_LPC11xx

Note: LPC series needs to install CMSIS Library to your workspaces

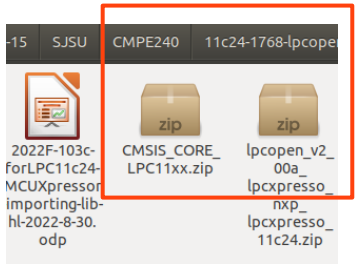
Common Microcontroller Software Interface Standard (CMSIS) is a vendor-independent abstraction layer for microcontrollers that are based on Arm Cortex

CMSIS - Arm Developerhttps://developer.arm.com› embedded › cmsis





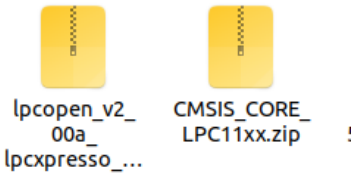
Note (HL, 2022-9-20): to run this code, you will need 2 libraries from NXP, (1) CMSIS_CORE_LPC11xx.zip; (2) lpcopen_v2_00a_lpcxpresso_nxp_lpcxpresso_11c24.zip



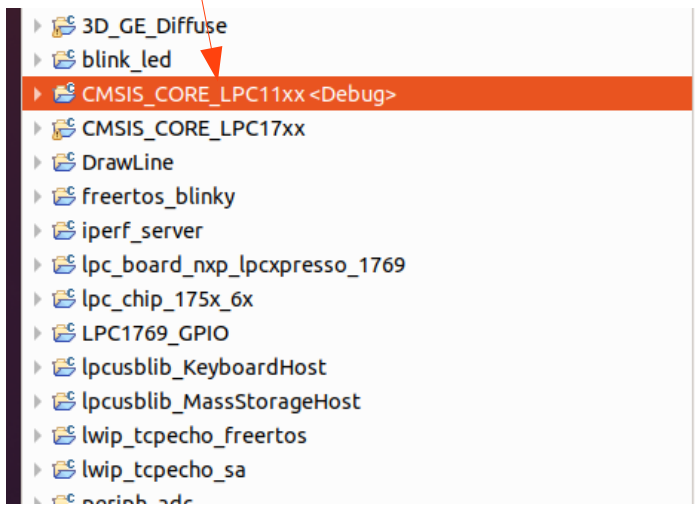
Note (HL 2022-9-20) I have uplodate both library zip files to the class github, in order to it easier to search, I have placed the same zip files with 2 different name, one is the name shown here (left), the other is with prefix 2022F-103d and 2022F-103e

MCUXpressor for LPC 11c24 (2/3)

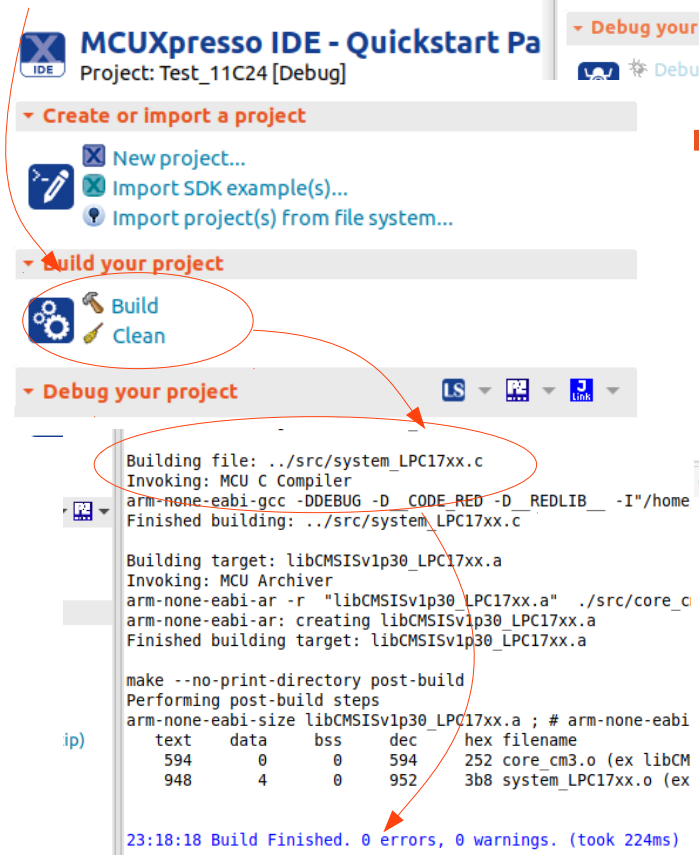
1. Download CMSIS LPC17xx library from the github



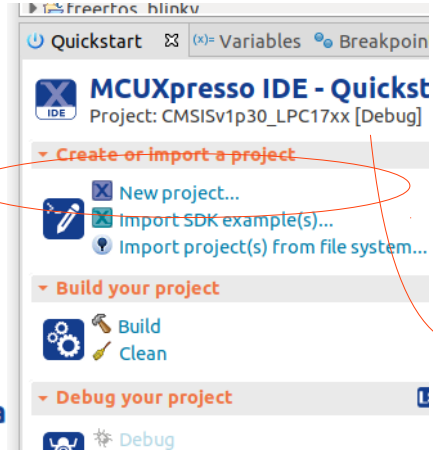
2. Imported the library the workspace

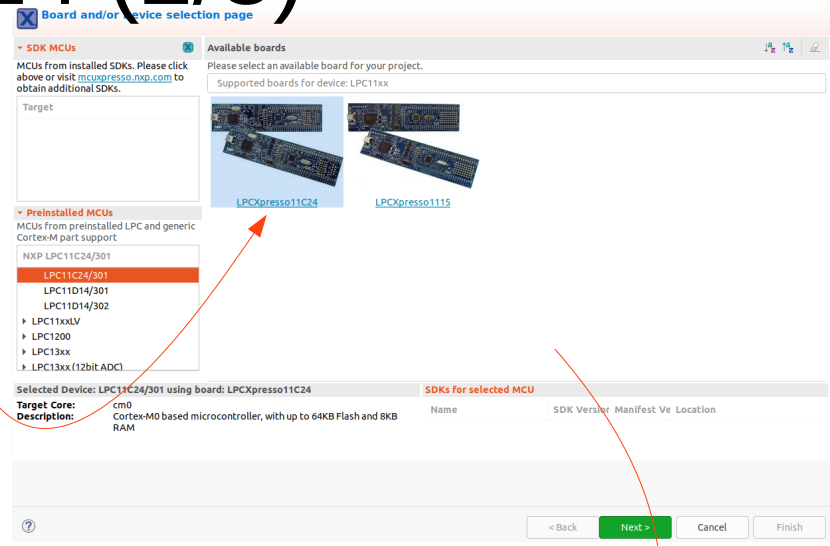


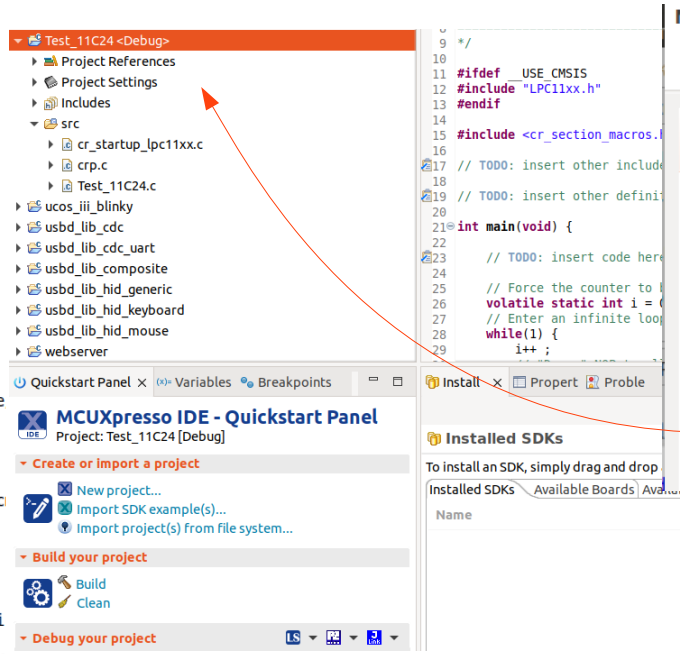
3. Then build the library

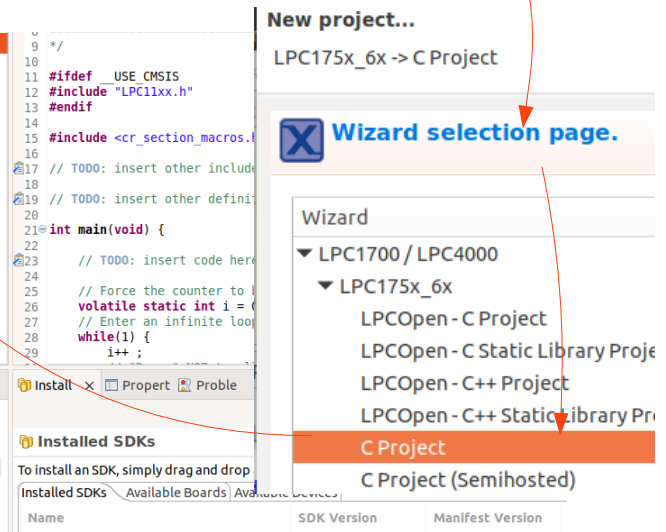


4. Create new C/C++ project









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