Embedded Security Showcase using PSoC64

Bug Report

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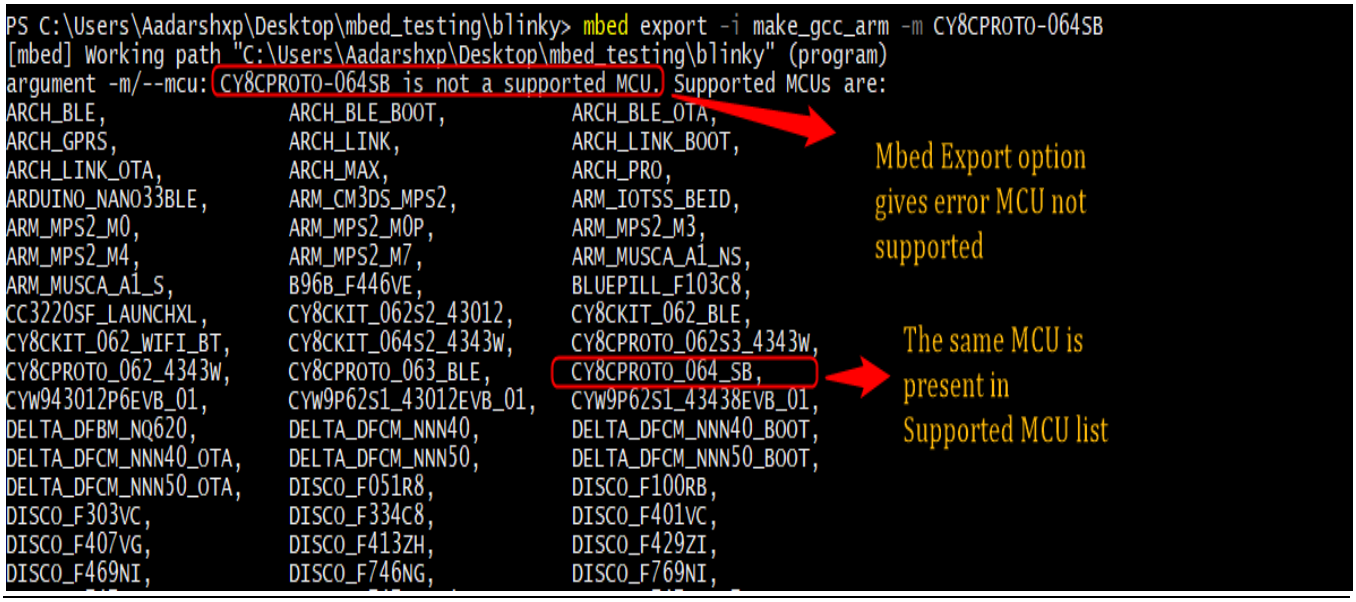
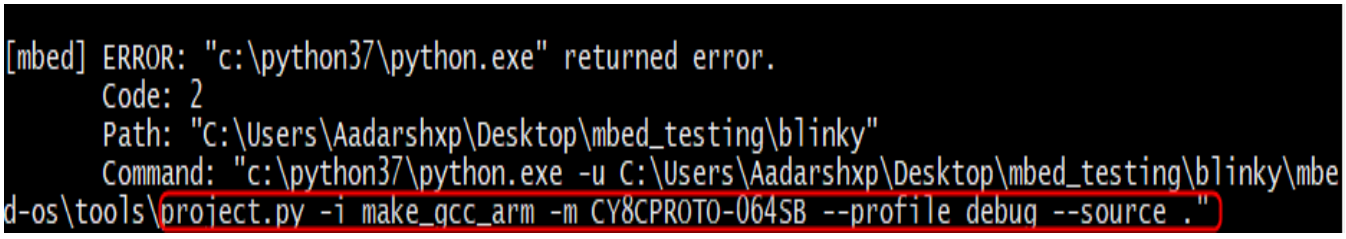
Title: Exporting Makefile project for PSoC64 MCU (CY8CPROTO-064S1) to Eclipse IDE throws an error: CY8CPROTO-064S1 is not a supported MCU.

Screenshot:

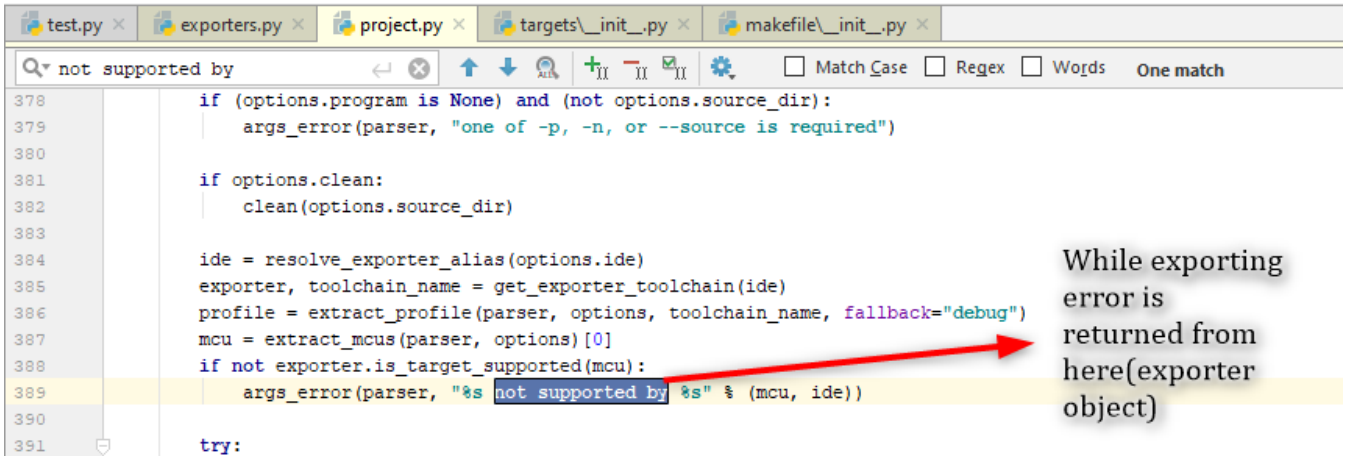


Description and temporary fix:

1- The result of the verbose output is attached below, the error is thrown from the script project.py. The file is present in the path <root>\mbed-os\tools.

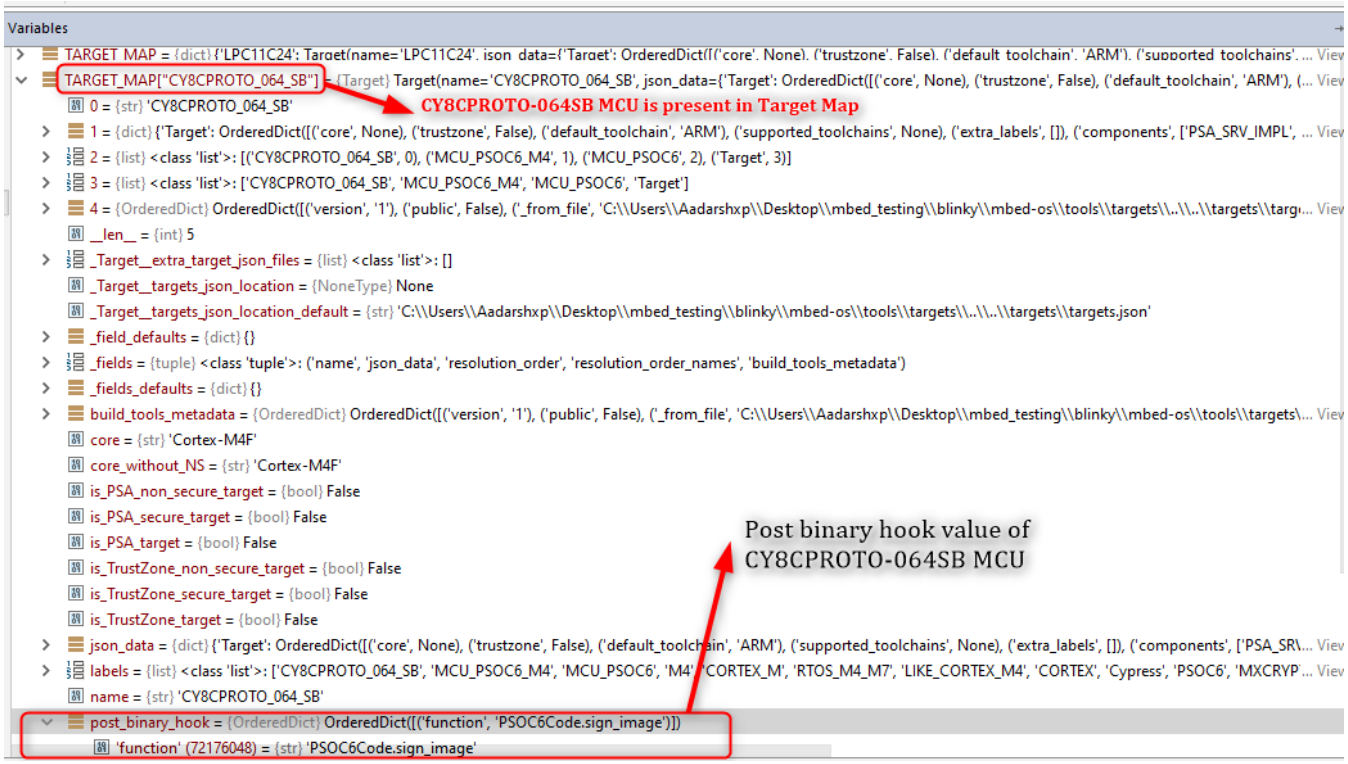


2- On debugging the project.py script found the script throws error while trying to export at this point , In screenshot at 385 line , we see that exporter object is created and contains all the exporter toolchain and MCU list. Further debugging (step into operation) found it returns some error values from exporter.py python script. (<root>\mbed-os\tools\export\exporter.py)



3- On debugging the exporter.py found that in the API apply_supported_whitelist the toolchain was supported , and the attribute for the MCU (CY8CPROTO-064SB) was present but in the last API binary hook returned False, on changing this value to true , i was successfully able to import the makefile project for CY8CPROTO-064SB board in Eclipse IDE.

4- The **expected return and Actual return value for the post binary hook API** is attached below :



Expected Post binary hook value in whitelist :