Porting of Linked-Lists to ModusToolBox

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1. MODUSTOOLBOX

ModusToolbox (MTB) is a software support tool from Infineon Technologies. It includes partner SDKs alongside the company's officially supported IDEs, drivers, and examples. You can pull all dependencies using the Eclipse IDE that is included in MTB, or via the command line tool.
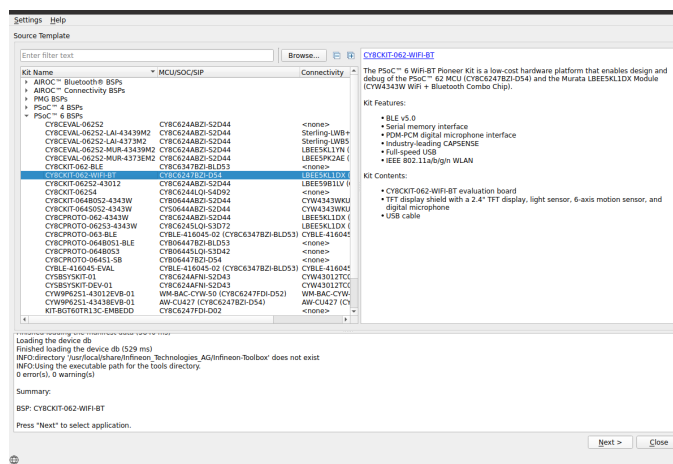
A. *Install ModusToolBox*

1) Install ModusToolBox Software as per your operating system.
2) Extract the files and do all the necessary installations(Which are given in docs folder of ModusToolBox) as per the OS you are using.
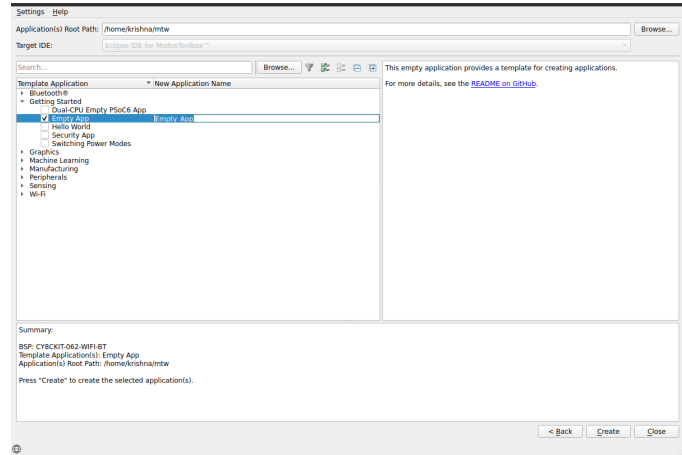3) Then run modustoolbox-eclipse which is located in the ide3.0/eclipse/ subfolder.

B. *Setup for Linked-list Port*

To use linked-lists Follow These steps:

1) Open ModusToolBox and Run Eclipse IDE
2) Navigate to File—>New—>ModustoolBoxApplication
3) It will show like below

4) Select appropriate board,click next
5) Select getting started,empty app and click next

2. ADDING INCLUDE DIRECTORIES

1) Clone all the cutils to mtbshared folder
2) In eclipse select project which is located at the top
3) Choose properties
4) Then expand C/C++ General,Select paths and symbols.
5) There you will find Add button
6) Use Add to give path to your utils(header files) and then click Apply changes.

3. COMPILE-EXECUTE

1) Add main.c to the newly created project.
2) Build the application
3) Compile using gcc main.c -o main
4) Execute using ./main