

Example Projects for DAVE v4

Overview

Example projects for DAVE v4 can be obtained from different sources:

- [Download an example project directly within DAVE from a web based example project library.](#)
- [Download an individual example project as zip file and import it into DAVE v4.](#)
- [Use the example code included in the XMC LIB package and create a respective project in DAVE v4](#)

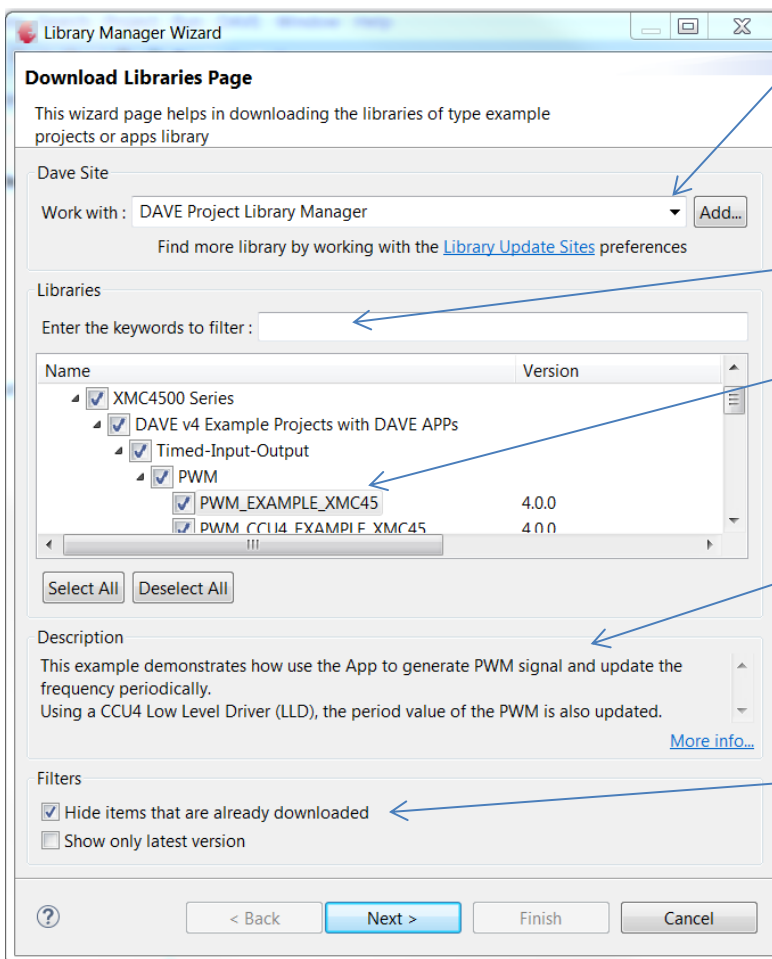
In addition there are example project available for download from different [XMC kit web pages](#).

Download an example project directly within DAVE from a web based example project library.

DAVE v4 provides an integrated functionality to search and download example project from a repository on the web.

Instructions:

Click Menu Option “Help” -> “Install DAVE APP/ Example/ Device Library...”



Select the option: “DAVE Project Library Manager”.

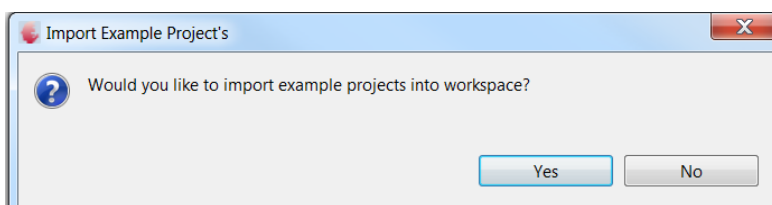
You may use the keyword filter to search for a specific project.

Select the projects you want to download.

A short description of the tagged project is provided.

Additional filter option can be chosen: when checking the “Hide items...” option, only project that are not yet downloaded to the local repository are shown.

Press “Next” and follow further instructions to download the project.



When pressing “Yes” the project is downloaded to the local repository and also imported to into the current workspace

The selected projects are downloaded into the local repository.

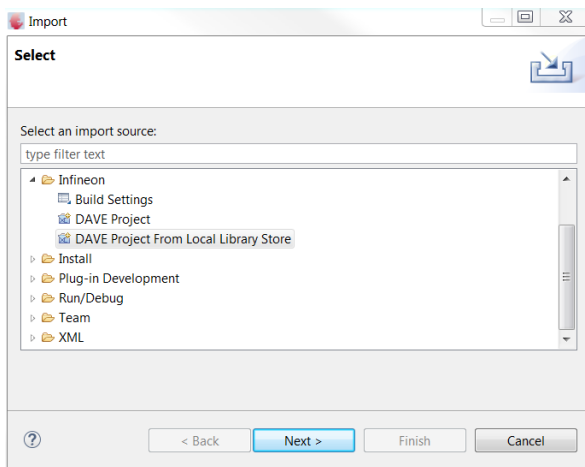
The default position of the local repository can be found in the folder of the local user:
 \Users\\Infineon\ D_LibraryStore_4.1

Or in the user defined location that is defined in DAVE v4 preferences.

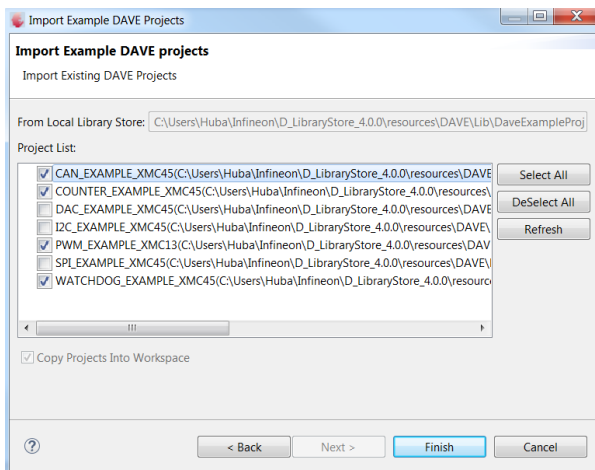
Once the project is downloaded from the web into the local repository it can be always be imported from there in the current used workspace.

Instructions:

Click Menu Option “File” -> “Import”



Select the option: “DAVE Project from Local Library Store”.



Then a view is shown with all projects that have already been downloaded to the local library store.

Select the projects that should be imported into the current used workspace.

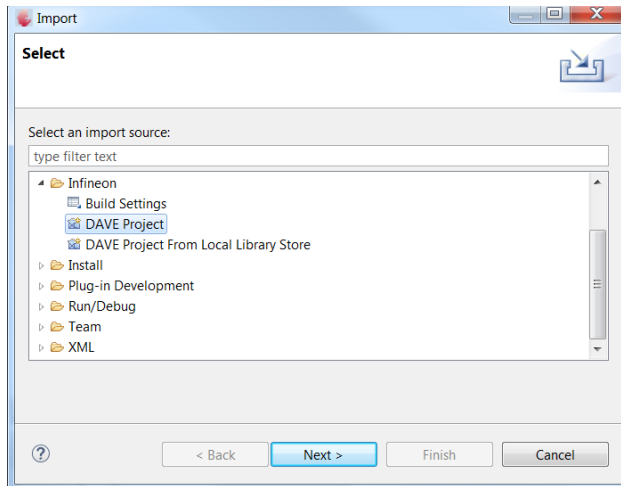
Press “Finish” to perform importing of selected projects.

Download an individual example project as zip file and import it into DAVE v4.

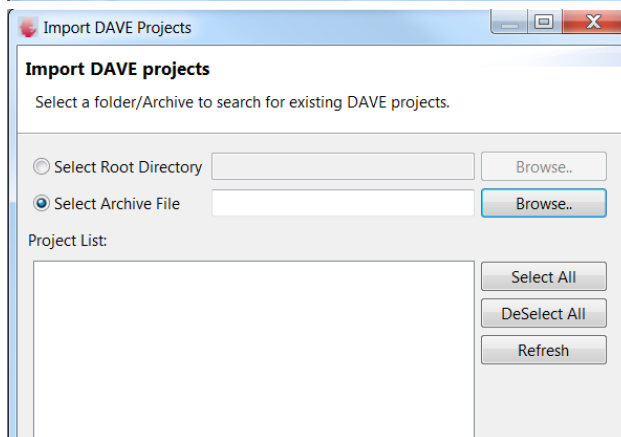
Open the [example web site](#), accept the license terms and browse for the required examples. Download the required example as zip file and import it according to the below described instructions:

Instructions

Click Menu Option “File” -> “Import”

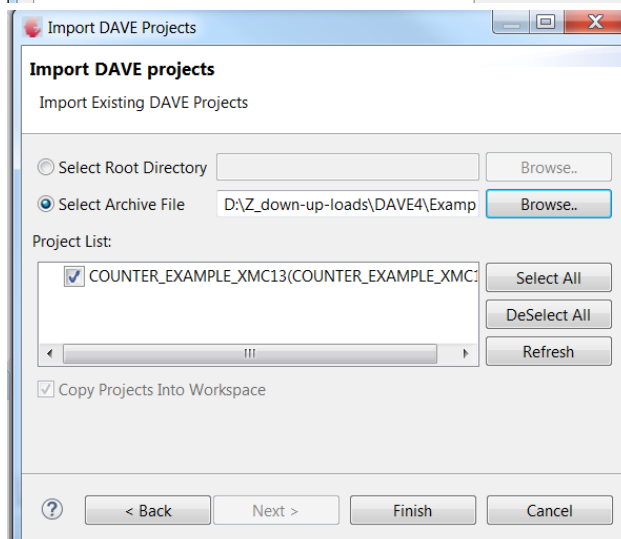


Select the option: “DAVE Project”.



Select “Archive File” and Browse to the position of the downloaded project zip files.

(After pressing “Browse” a file browser view opens. Select and open the zip file of the project in the file browser that should be imported into the current used workspace.)

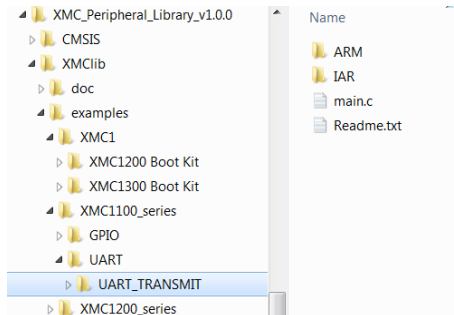


After pressing open in the file browser view the import view is updated as shown left

Press “Finish” to perform importing of the project into the workspace.

Use the example code included in the XMC Lib package and create a respective project in DAVE v4

The zip package of the XMC lib contains the source and header files of the peripheral drivers the documentation and at least one example of each peripheral driver.



The example code can be found within the XMC Lib package as shown left.

The main.c is the example and the Readme.txt is a short description of the example. The LLDs as well as the main . c are designed to work with all major compilers (ARM, IAR, TASKING and GCC). Project files for ARM MDK and IAR can be found in the respective folder, a double click of the project file will open the project in the respective tool chain, if installed.

It is very simple to use this main.c example code in DAVE v4.

Instructions:

- Create a new DAVE project in DAVE v4, chose the “ Simple Main Project” option.
- Select the target MCU related the then XMC series where the main.c is picked from.
- Delete the main.c in the newly created DAVE project.
- Copy the main.c from the XMC Lib example folder into the newly created DAVE v4 project.
- Compile, and use the debugger to download and run the project using an appropriate target board.

Note: The peripheral drivers of the XMC lib are atomically copied into a new DAVE v4 project therefore no XMC Lib source and header file need to be copied to the project.

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