



Converting Keil μ Vision Project Formats

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Introduction

Most new example projects coming from Keil/Arm are being released in the μ Vision 6 format which makes them difficult to recreate in earlier versions of μ Vision. It is possible to convert the .csolution format to the earlier *.CPRJ format which can then be opened by Microvision. You can do this as follows.

Converting a project

Install the CMSIS-Toolbox build system as described here

<https://github.com/Open-CMSIS-Pack/cmsis-toolbox/blob/main/docs/installation.md#vcpgk---setup-in-vs-code>

This is the installation for visual studio code but it is also possible to install cmsis-toolbox as a command line tool.

Next set an environment variable with a path to your current packs directory.

```
CMSIS_PACK_ROOT C:\Keil_v5\PACKS
```

This should be the pack directory created by MDK or else you will end up with a duplicate repository.

If you are using Visual Studio Code, open a terminal window, change directory to a project and use the following command.

```
csolution convert <project>.csolution.yml
```

If there are any missing packs for the project you will need to install them. This will include CMSIS-View and CMSIS-Compiler packs.

If you do install additional packs use the following command to update the toolbox installation

csolution list packs.

Once you have generated the <project>.cprj file it can be directly opened by μ Vision.

Further Information

For more information visit our website: www.hitex.co.uk or get in touch: info@hitex.co.uk.

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