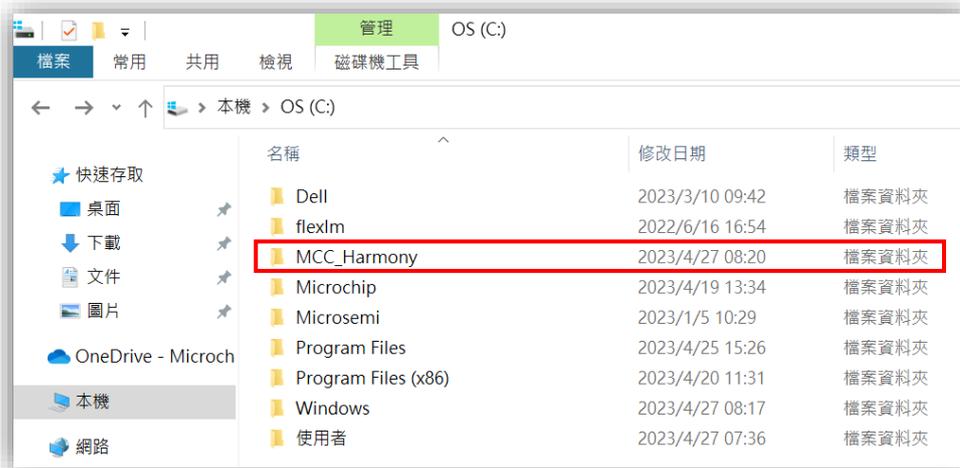
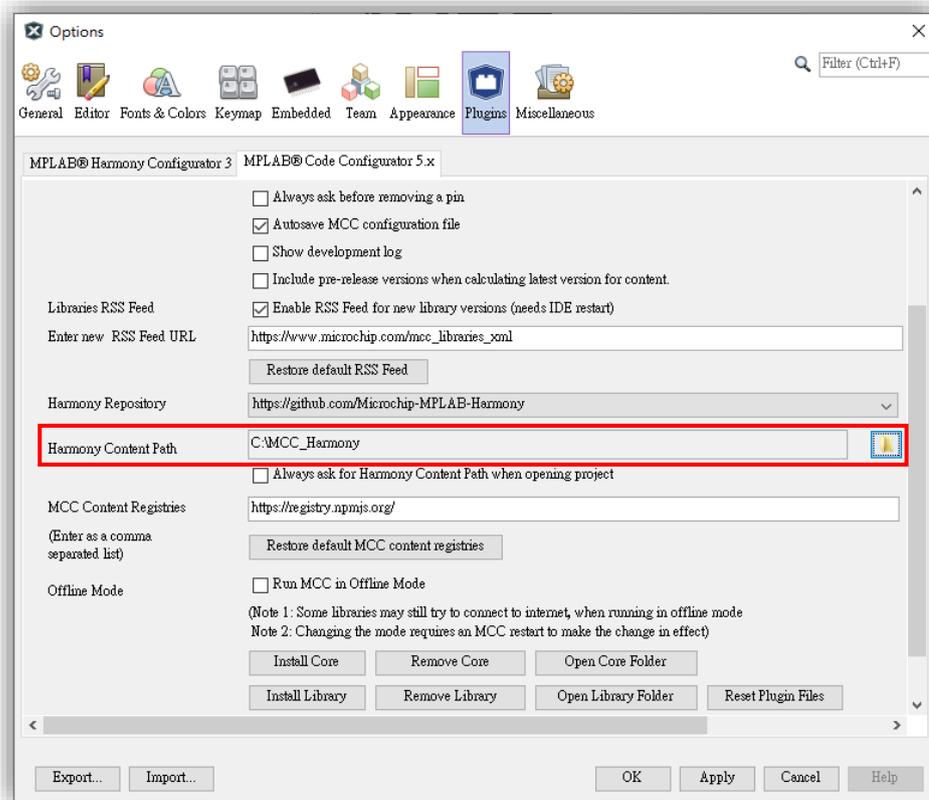


MCC Harmony 操作方式

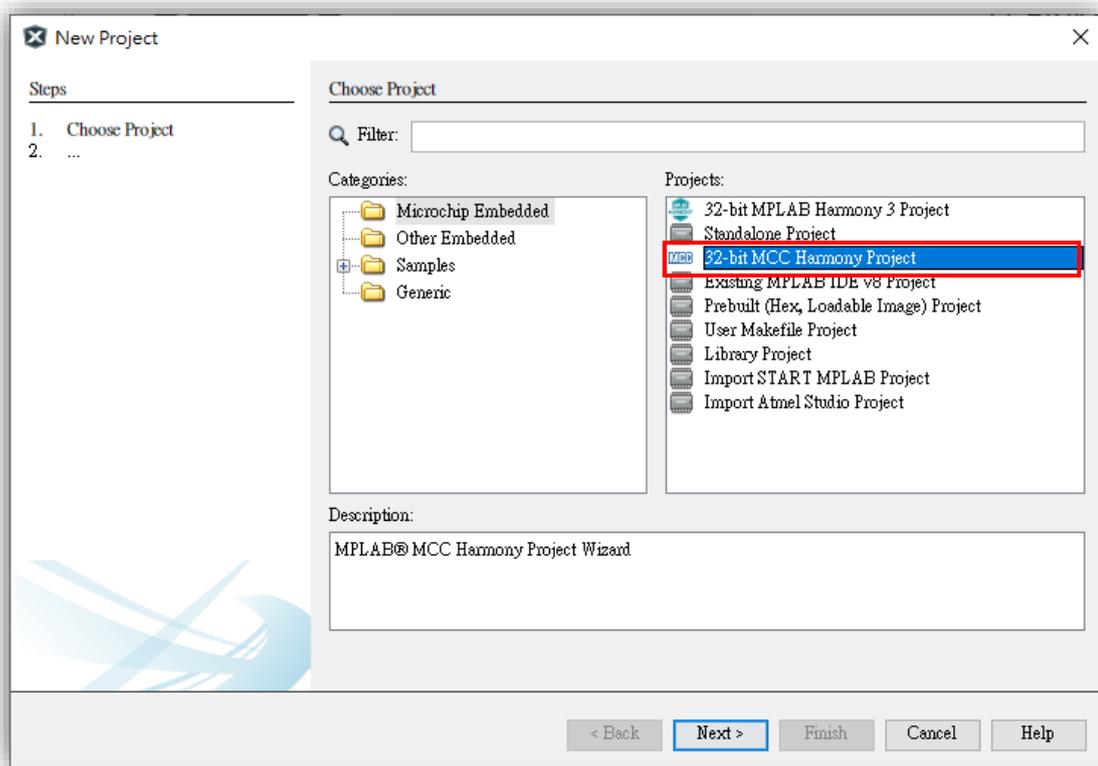
- 連網電腦打包 Framework，操作方式如下：
 1. 軟體版本檢查
 - MPLAB X IDE v6.05
 - MCC v5.3.0
 2. 打開 C 槽，建立新的資料夾，命名為 MCC_Harmony。



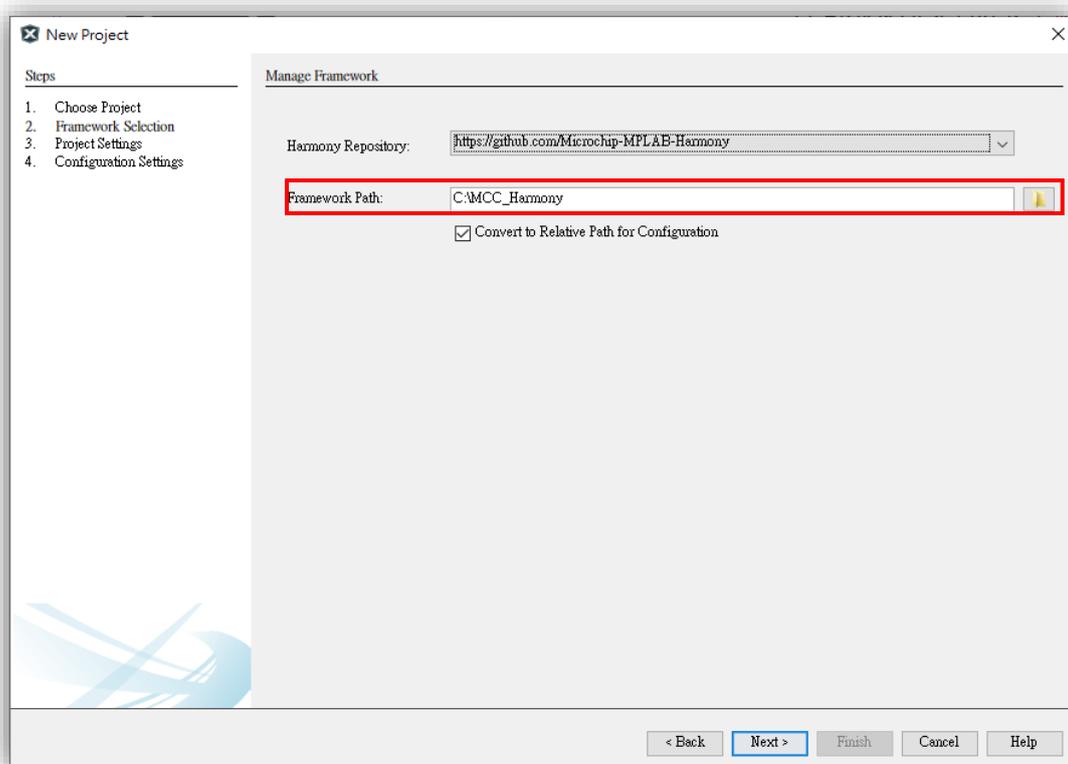
3. 打開 MPLAB X IDE，Tools > Options > Plugins > MPLAB® Code Configurator 5.x > Harmony Content Path，連結到 C 槽的 MCC_Harmony，按下 OK。



4. 建立新的 32-bit MCC Harmony Project 專案，按下 Next。



5. 確認 Framework Path 是否為剛剛設定的「C:\MCC_Harmony」，按下 Next。



- 將專案放置對應路徑即可並且命名專案，按下 Next。
 - 路徑切記不能有任何中文。

The screenshot shows the 'New Project' dialog box with the 'Name and Location' step selected. The 'Steps' list on the left includes: 1. Choose Project, 2. Framework Selection, 3. Project Settings, and 4. Configuration Settings. The 'Name and Location' section contains the following fields:

- Location: C:\Users\A62407\HamonyProjects\MyProject
- Folder: Test
- Name: Test
- Path: C:\Users\A62407\HamonyProjects\MyProject\firmware\Test.X

A red box highlights the Location, Folder, Name, and Path fields. At the bottom, there are buttons for '< Back', 'Next >', 'Finish', 'Cancel', and 'Help'.

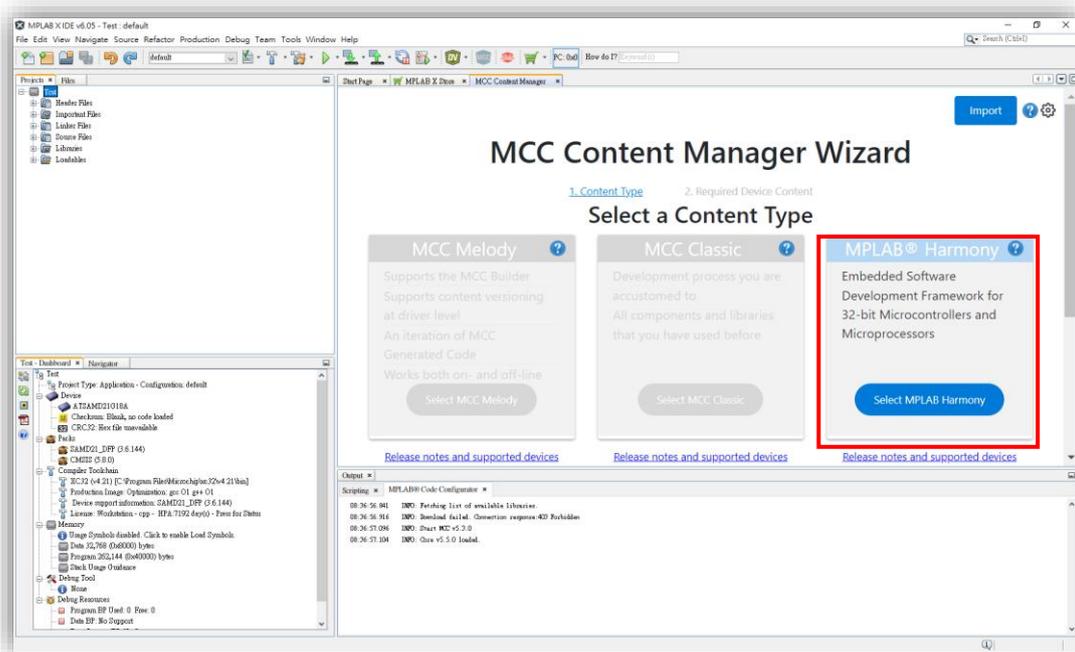
- 輸入對應的元件編號，按下 Finish。
 - 這邊範例使用 ATSAMD21G18A。

The screenshot shows the 'New Project' dialog box with the 'Configuration Settings' step selected. The 'Steps' list on the left includes: 1. Choose Project, 2. Framework Selection, 3. Project Settings, and 4. Configuration Settings. The 'Configuration Settings' section contains the following fields:

- Name: default
- Device Family: All
- Target Device: ATSAMD21G18A
- Device Filter: ATSAMD21G18A

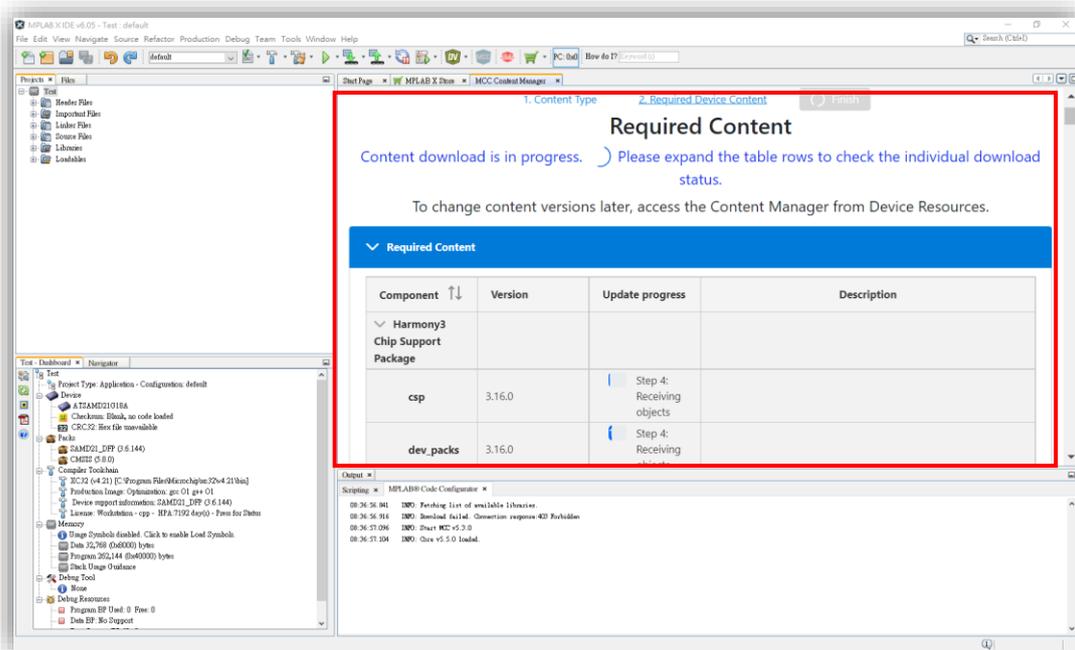
A red box highlights the Device Family, Target Device, and Device Filter fields. At the bottom, there are buttons for '< Back', 'Next >', 'Finish', 'Cancel', and 'Help'.

8. 點選 Select MPLAB Harmony。

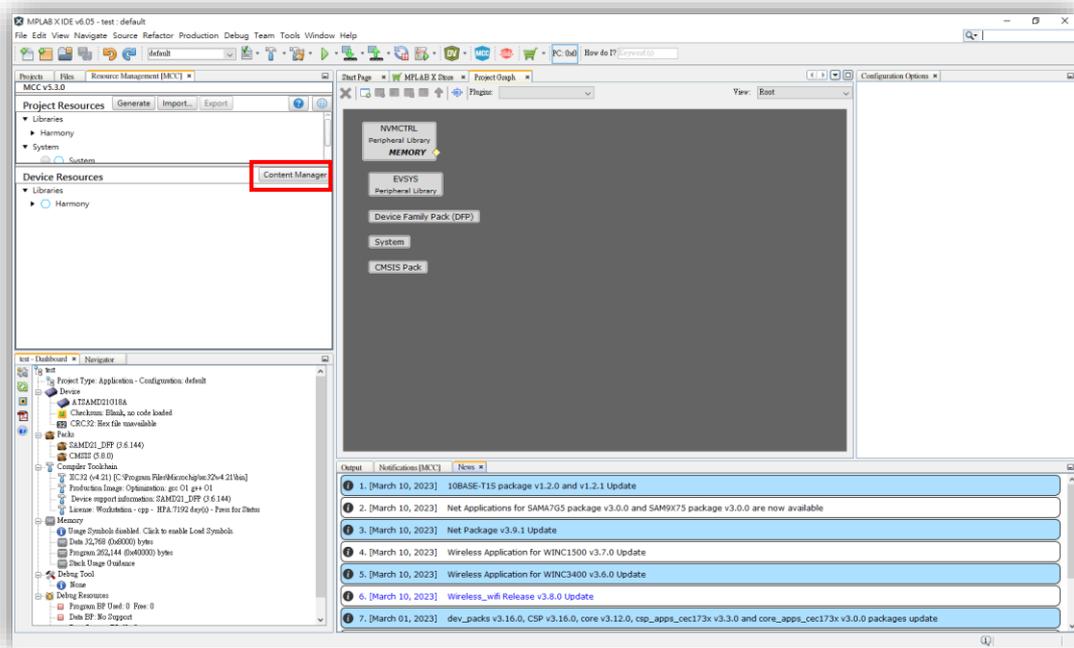


9. 選擇所需的 Framework，按下 Finish 等待下載完成。

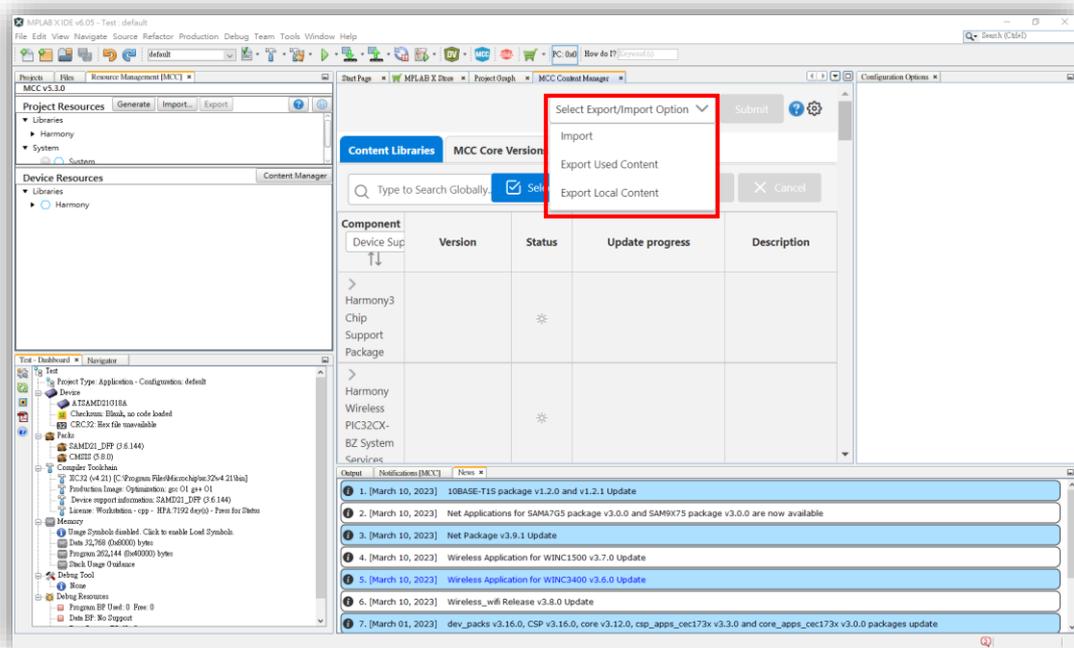
- Required Content (已選擇下載)：除了必要的 Framework 會下載，其餘的須至 Optional Content 做勾選。
- Optional Content (可選擇下載)：勾選 Framework 會在 Required Content 顯示。



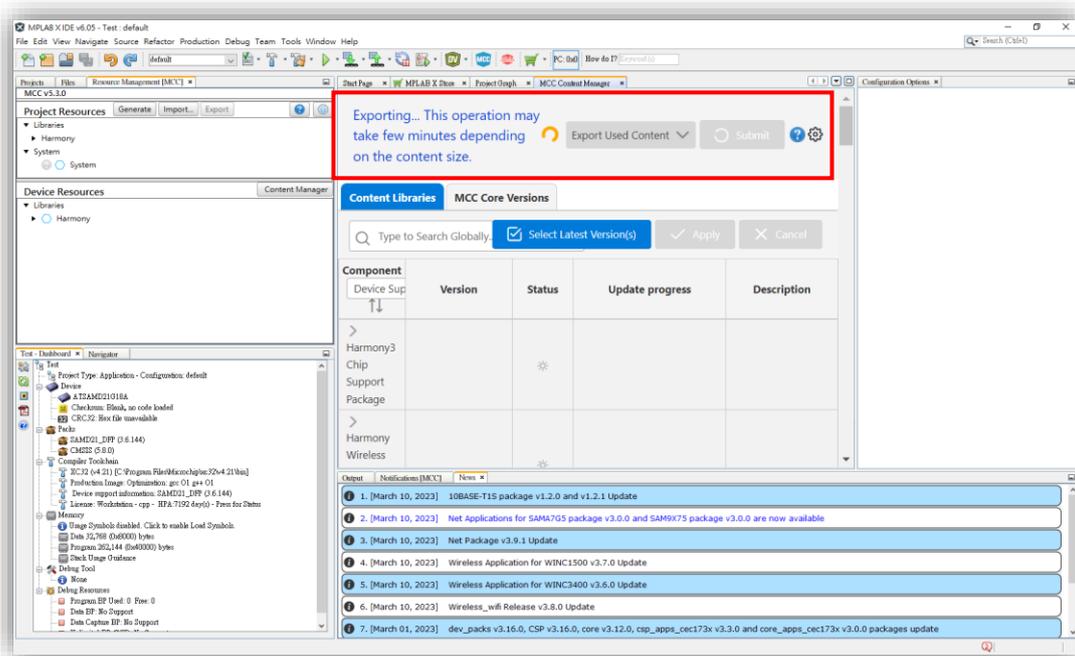
10. 下載完成，點選「Content Manager」。



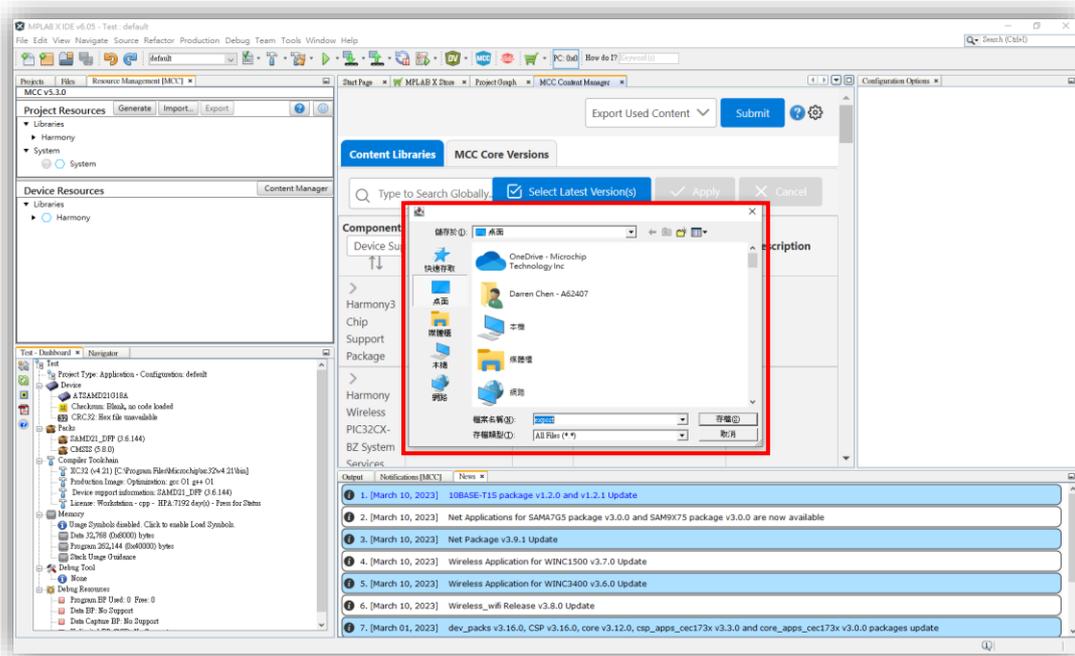
11. 點選「Select Export/Import Option」，選擇 Export Used Content。



12. 按下 Submit，等待壓縮打包。



13. 選擇存放路徑，關閉 MPLAB X IDE 並將「export 壓縮檔」複製進隨身碟。

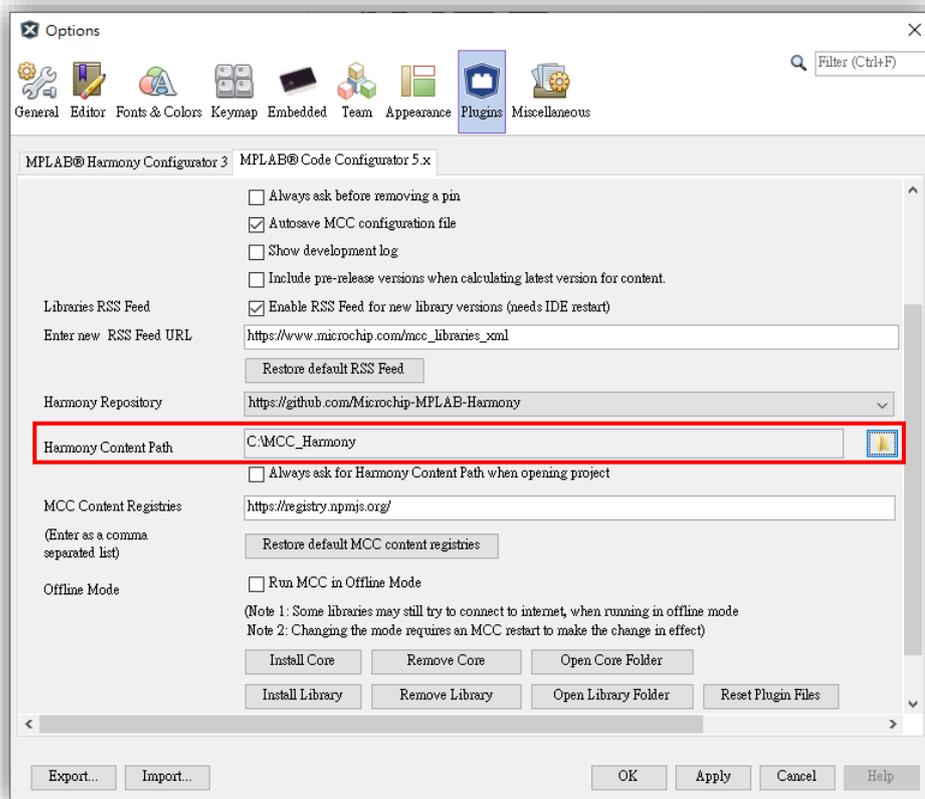


MCC Harmony 操作方式

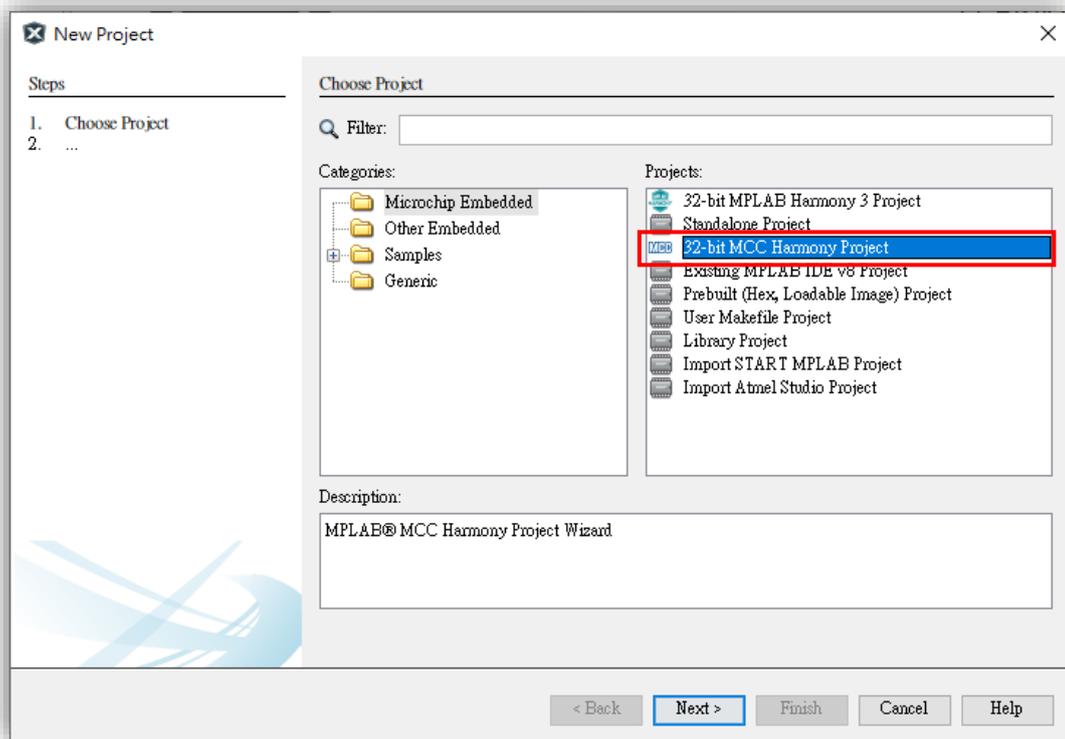
- 未連網電腦安裝 Framework，操作方式如下：
 1. 軟體版本檢查
 - MPLAB X IDE v6.05
 - MCC v5.3.0
 - **export 壓縮檔(如缺少此檔案，請參考如上)**
 2. 打開 C 槽，建立新的資料夾，命名為 MCC_Harmony。



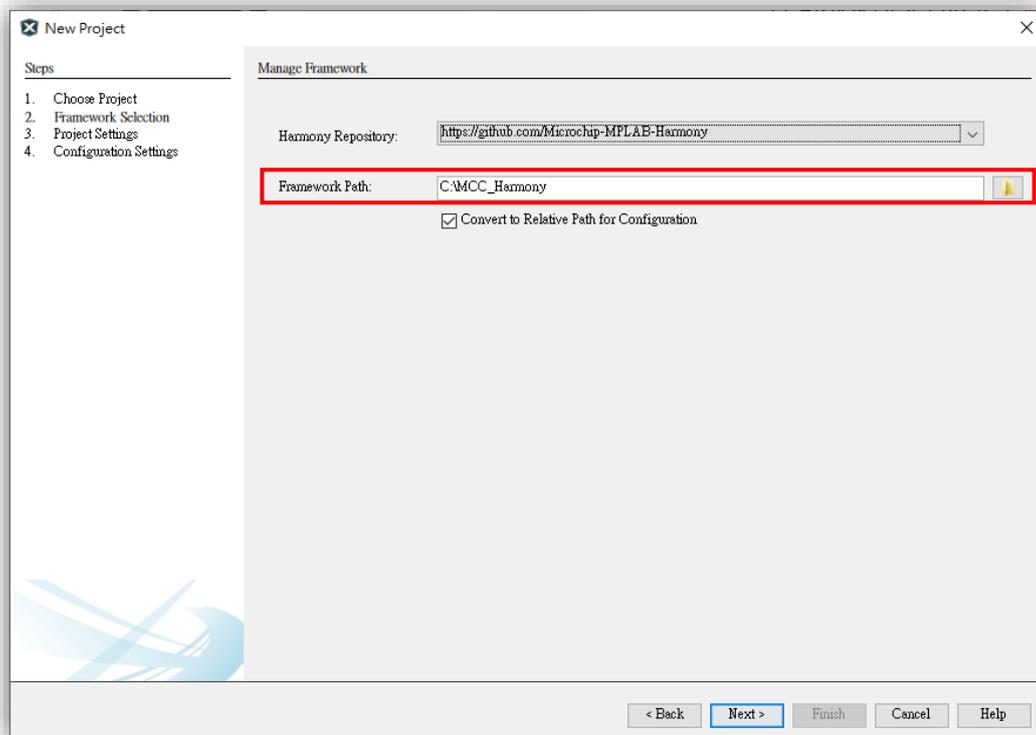
3. 打開 MPLAB X IDE，Tools > Options > Plugins > MPLAB® Code Configurator 5.x > Harmony Content Path，連結到 C 槽的 MCC_Harmony，按下 OK。



4. 建立新的 32-bit MCC Harmony Project 專案，按下 Next。



5. 確認 Framework Path 是否為剛剛設定的「C:\MCC_Harmony」，按下 Next。



- 將專案放置對應路徑即可並且命名專案，按下 Next。
 - 路徑切記不能有任何中文。

The screenshot shows the 'New Project' dialog box with the 'Name and Location' step selected. The 'Steps' list on the left includes: 1. Choose Project, 2. Framework Selection, 3. Project Settings, and 4. Configuration Settings. The 'Name and Location' section contains the following fields:

- Location: C:\Users\A62407\HamonyProjects\MyProject
- Folder: Test
- Name: Test
- Path: C:\Users\A62407\HamonyProjects\MyProject\firmware\Test.X

A red box highlights the Location, Folder, Name, and Path fields. Below the fields is a 'Show Visual Help' button. At the bottom of the dialog are buttons for '< Back', 'Next >', 'Finish', 'Cancel', and 'Help'.

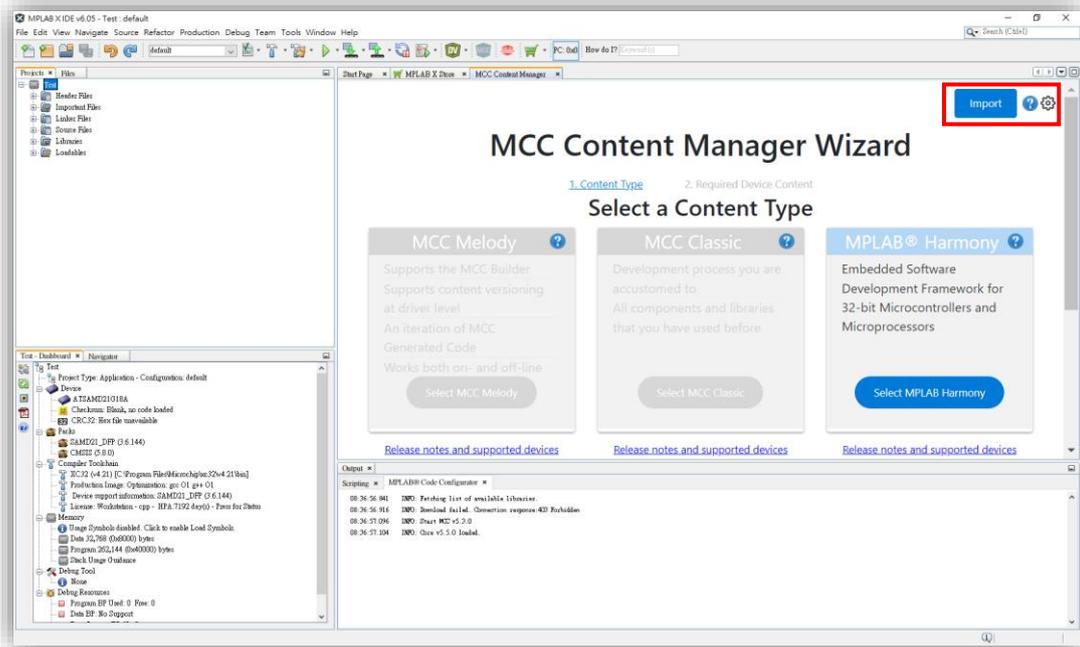
- 輸入對應的元件編號，按下 Finish。
 - 這邊範例使用 ATSAM21G18A。

The screenshot shows the 'New Project' dialog box with the 'Configuration Settings' step selected. The 'Steps' list on the left includes: 1. Choose Project, 2. Framework Selection, 3. Project Settings, and 4. Configuration Settings. The 'Configuration Settings' section contains the following fields:

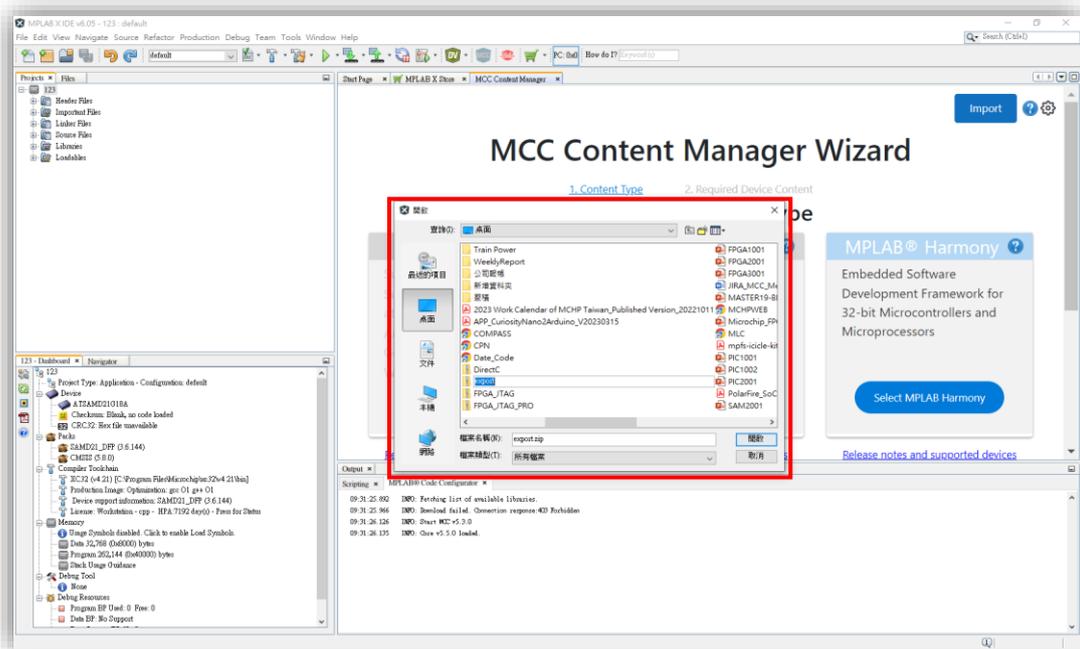
- Name: default
- Device Family: All
- Target Device: ATSAM21G18A
- Device Filter: ATSAM21G18A

A red box highlights the Device Family, Target Device, and Device Filter fields. Below the fields are buttons for 'Show Visual Help' and 'Install Device Pack'. At the bottom of the dialog are buttons for '< Back', 'Next >', 'Finish', 'Cancel', and 'Help'.

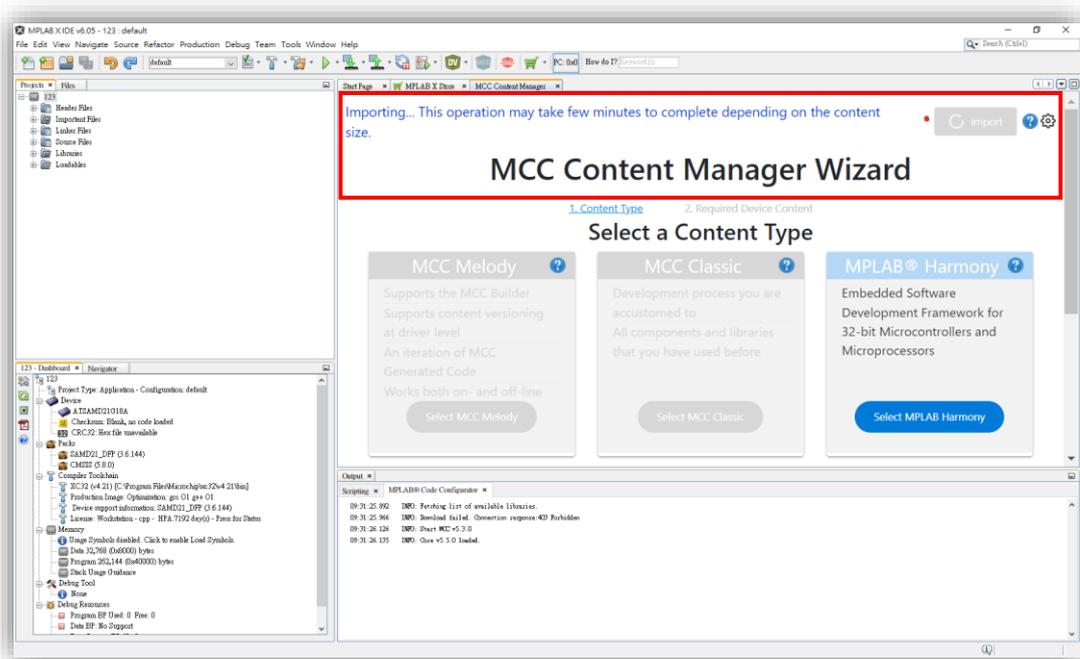
8. 點選 Import。
- 將隨身碟 export 壓縮檔複製至桌面。



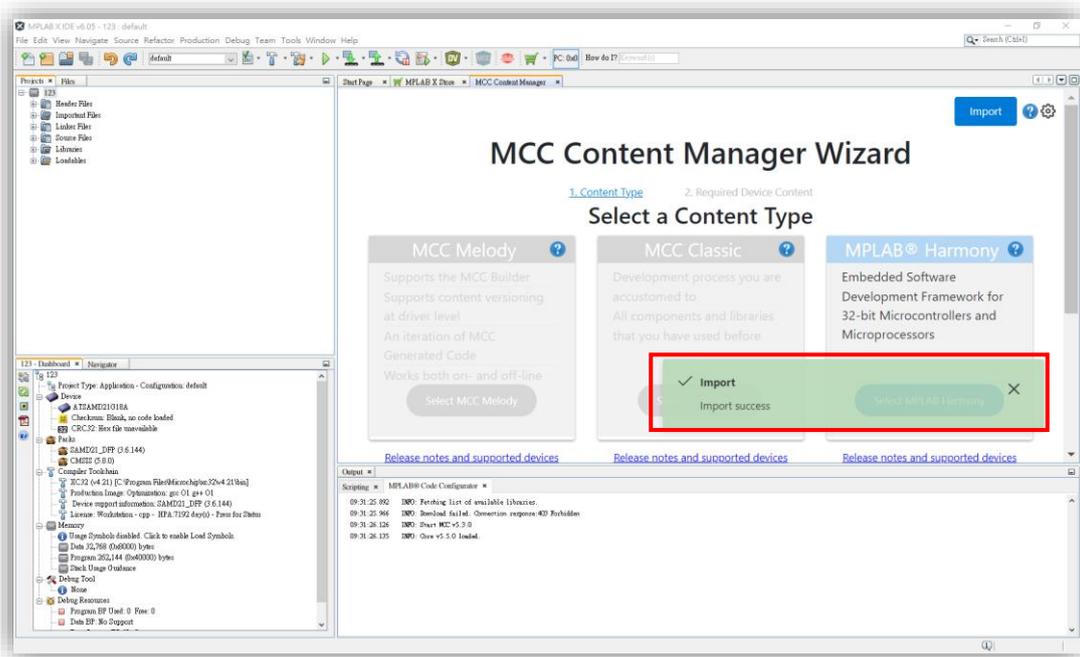
9. 點選桌面的 export 壓縮檔，按下開啟。



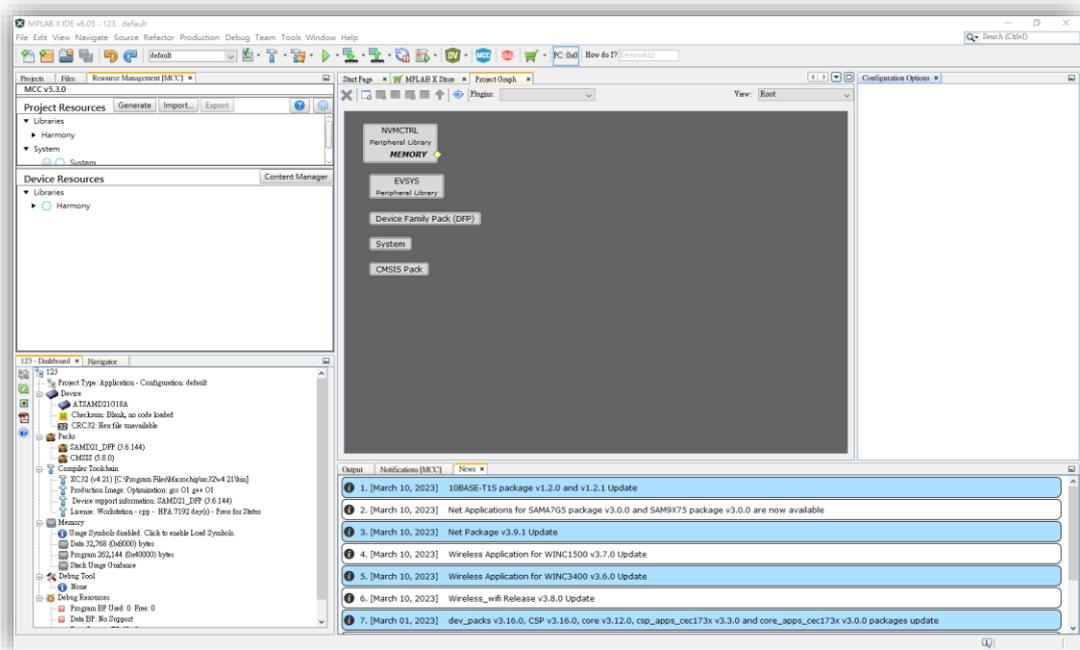
10. 等待解壓縮檔案即可。



11. 解壓縮完成，會跳出「Import success」，即可按下 **Select MPLAB Harmony**，按下 Finish。

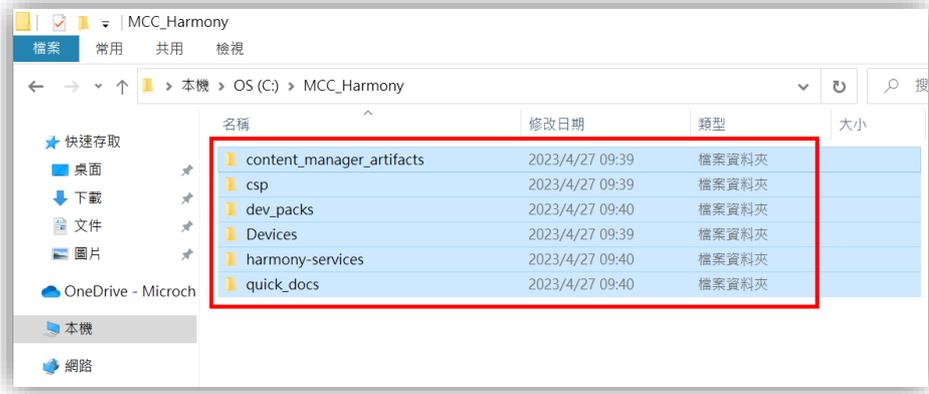


12. 載入 MCC Harmony 畫面，代表完成。



MCC Harmony Framework 升級操作方式

- **未連網電腦 Framework 升級，操作步驟如下：**
 1. 確認關閉 MPLAB X IDE。
 2. 打開 C 槽 MCC_Harmony 資料夾，**刪除全部檔案**。



3. 回到「**連網電腦步驟往下操作**」。
4. 接續「**未連網電腦步驟往下操作**」。