

USB Device CDC Serial Emulator Demonstration

This demonstration is included in your installation of MPLAB Harmony. MPLAB Harmony is available for download from the Microchip website by visiting: <http://www.microchip.com/mplabharmony>. Once you are on the site, click the **Downloads** tab to access the appropriate download for your operating system.

For additional information on this demonstration, refer to the “Applications Help” section in the MPLAB Harmony Help.

Description

This application demonstrates the use of the CDC device class in implementing a USB-to-Serial Dongle. The application enumerates a COM port on the PC. Data received through the CDC USB interface is forwarded to a UART. Data received on the UART is forwarded to the CDC USB interface. This emulates a USB-to-Serial Dongle.

MPLAB Harmony Location

<install-dir>/apps/usb/device/cdc_serial_emulator

Where <install-dir> refers to the default MPLAB Harmony installation path:

- Windows: C:/microchip/harmony/<version>
- Mac OS/Linux: ~/microchip/harmony/<version>