Scope

This document describes how to test USB Host CDC example.

Preparation

Host

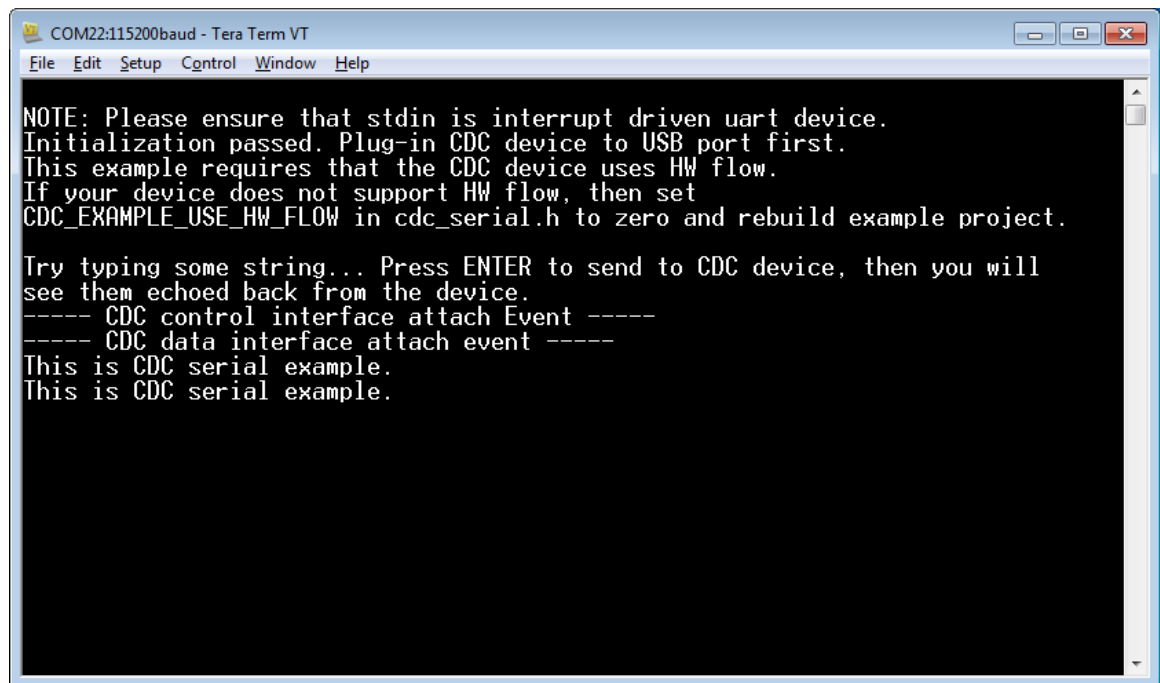A board, i.e. twrk22f120m, which is running host_cdc_serial example.

Device

A board, i.e. twrk70f120m, which is running dev_cdc_virtual_com example.

Steps

Follow the steps to run the CDC serial demo.

1. Run the host_cdc_serial example and you will see the printed guide note. Users can follow that note and do some modifications. For example, choose "ittyb" as stdin port for twrk22f120m to ensure the stdin is interrupt driven.

2. Plug-in the CDC device and you will see some attach information printed out.

3. Type some string and the string will be sent to CDC device if either of the following becomes TRUE:

   - Any "\r" or "\n" received.

   - The string length is greater than CDC_MAX_PKT_SIZE

   After that CDC host will read back the string and put it to stdout.

Note: If you want to disable character echo back while typing, set CDC_SERIAL_ECHO_BACK in cdc_serial.h to 0.