

Scope

This document describes how to test USB Device CDC Virtual NIC example.

Preparation

Host

Personal computer running Windows Xp or Windows 7.

Device

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

Run CDC virtual nic demo in Windows

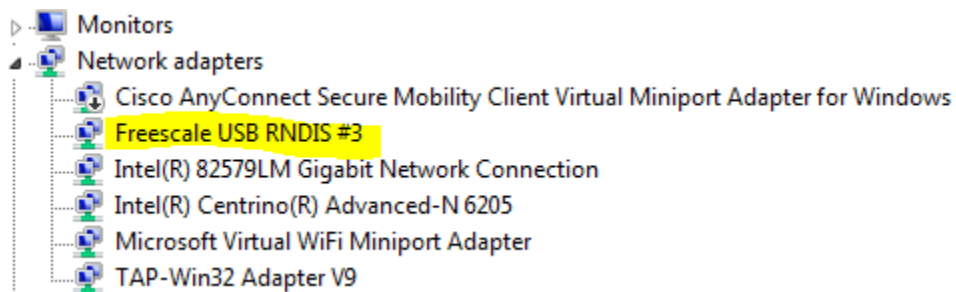
Follow the steps to run the CDC Virtual NIC demo.

1. Configure the IP address and IP mask in *virtual_nic_enet.h* as you need. E.g.

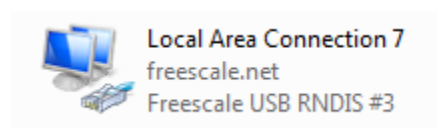
```
#define ENET_IPADDR IPADDR(192,168,1,102)/* Default IP Address */
```

```
#define ENET_IPMASK IPADDR(255,255,255,0)
```

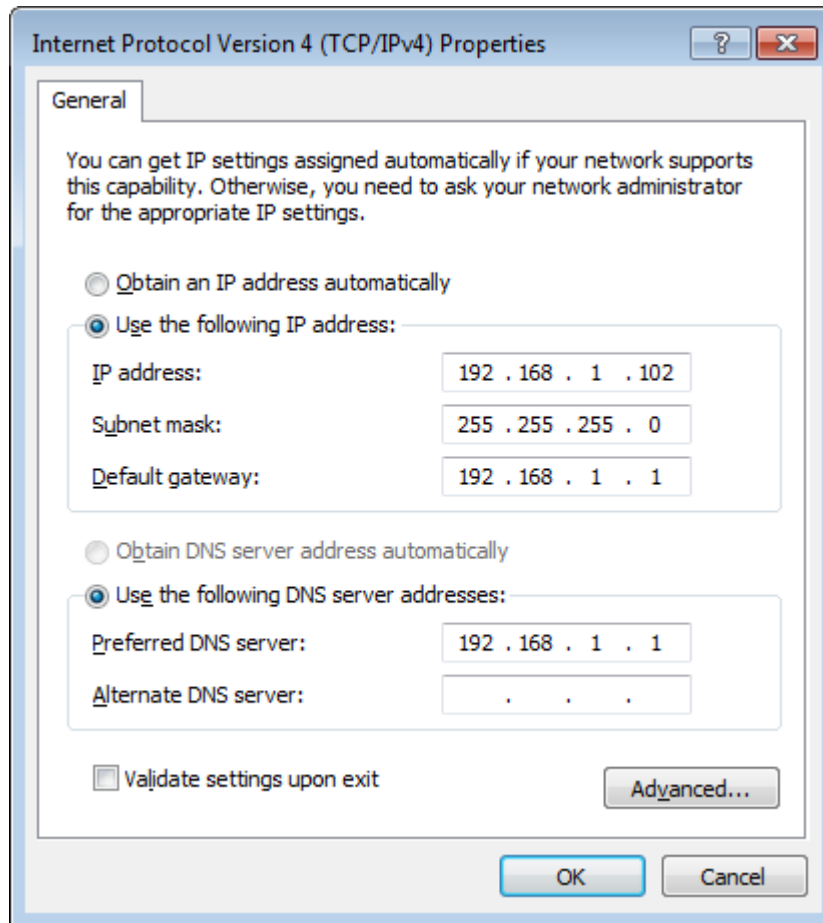
2. Plug in the network cable before running this demo. (Or you may have to disable and then enable the RNDIS network adapter after you plug in the network cable.)
3. Plug-in the CDC device which is running dev_cdc_virtual_nic example into PC. You will see a network adapter listed in device manager.



In **Control Panel\Network and Internet\Network Connections**, the RNDIS network adapter is listed as below.



4. Configure the RNDIS adapter in Windows. E.g



Then you are supposed to access Internet through this RNDIS adapter.