Software Release Notes for

TUSB3410 WDF-USB2UART Driver v6.7.2

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1. Details of Release

1.1. Contents of Release:

1. Source code (usbuart drivers)
2. Binaries for Windows XP 32-bit and 64-bit (both Debug and Release). These binaries are tested on Windows XP (32 bit), Windows 7 (32-bit) and Windows 8 (32 bit and 64 bit). They are working fine on all these systems.
3. Both debug and release versions are self signed.

1.2. Features/Modules added:

- Solve issue caused by disconnect/connect behavior.
- Unification of the .sys and .inf files in order to make them work in all the Windows versions.

2. Installation Instructions

2.1. Pre Installation Requisites:

1. Windows Operating System (XP/Vista/Win7/Win8 32-bit or 64-bit) with latest SP
2. TUSB3410 Hardware
3. USB-UART driver binaries

2.2. Installation Procedure:

1. Extract the Zip file to appropriate folder.
2. Copy all the Setup files (Executable) to a specific folder.
3. Attach the TUSB3410 device and proceed with enumeration process.
5. Run the setup.exe file and complete the installation process.

2.3. Post Installation Procedure:

Open device manager and verify if driver is loaded and running.

3. Assumptions, dependencies and constraints

-NA-

4. Build Instructions

1. Use latest Windows Driver Kit (Currently, WDK 7600.16385.1 is the latest version)
2. Open the build from Start Menu→Programs→Windows Driver Kits→WDK 7600.16385.1→Build Environments. Select required operating system environment.
3. Browse to the path where source code is available.
4. Type the command “build –cz” to build the driver.
5. A .sys file is generated in the source code path with appropriate OS name as folder name.

5. Known Defects / Bugs / Issues

-NA-

6. Special Comments, if any

1. **Root cause of Problem**: The RequestManagerIncident() function code would be incremented when the device object is being deleted. But, since the variable was declared as a global variable it was not being reinitialized the next time the function RequestManagerIncident() was called and thus causing that the TUSB3410 stop to work and disappear from the device manger .

   Resolution: Placed the global variable in the device context structure and initialize the variable to zero each time a device object is created.

   Files modified: umpdevice.c, device.c, private.h

   Functions added/modified: RequestManagerIncident() , IntializeDeviceContext()

7. Exceptions / Waivers

-NA-

Note: Specify NA if anything is not applicable

Appendix A: Test-Cases

-NA-

Appendix B: Test-Log / Report

-NA-

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