



ATID Co.,Ltd

# ATID Reader SDK Programmer Guide for Windows

Windows Developer Guide

SDK Team

2018-04-19



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Writer

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Version	Date	Revision <sup>1</sup>	Description of change <sup>2</sup>	Writer
v0.1	2017-04-14	Draft		Y.J Cho
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<sup>1</sup>Revision : Define the contents when it addition/modification

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## 1. Summary

This document is intended to explain how to develop applications using the ATID Reader SDK Library.

The Development condition is Visual Studio 2008 and describes how to build a development Environment for using ATID Reader Sample.

## 2. Composition

ATID Reader SDK Library structured as below.

File name	Type	Expiation	Note
<b>atid.lib.atx88dll</b>	Dll file	Implement function for specific device.	
<b>atid.lib.dll</b>	Dll file	Declaration of Library function.	
<b>atid.lib.module.barcode.dll</b>	Dll file	Implement of Barcode function.	
<b>atid.lib.module.rfid.uhf.dll</b>	Dll file	Implement function of RFID (UHF).	
<b>atid.lib.reader.dll</b>	Dll file	Declaration of Barcode, RFID function.	
<b>atid.lib.transport.dll</b>	Dll file	Implement function of communication.	
<b>atid.lib.util.dll</b>	Dll file	Util is for implement of Library	
<b>InTheHand.Net.Personal.dll</b>	Dll file	Implement of Bluetooth function.	<a href="https://inthehand.com/">https://inthehand.com/</a>

Above dll files are for development of application.

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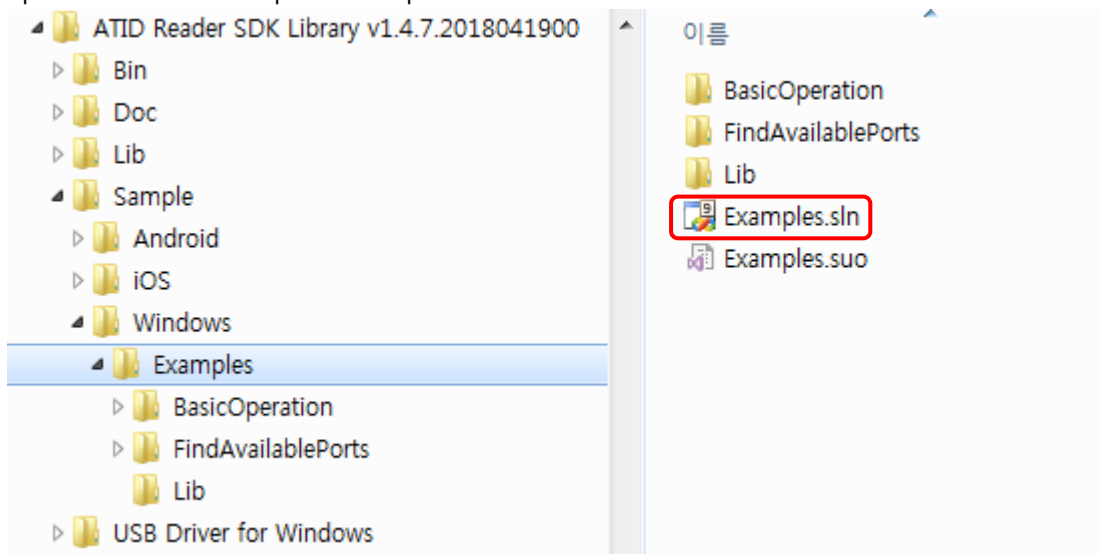
### 3. Project composition.

To explain about project composition for using ATID Reader sample.

#### 3.1. How to proceed Visual Studio project.

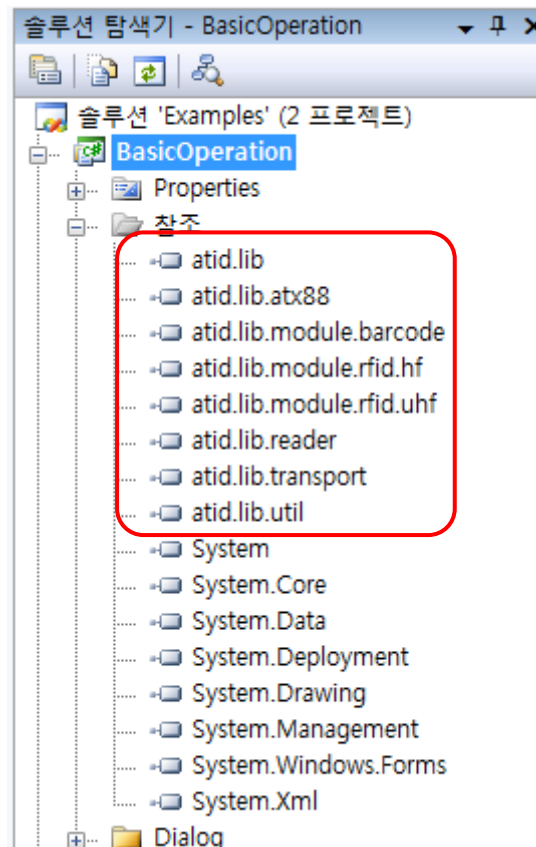
Build Visual Studio 2008 in PC and Running

WSample\Windows\Examples\Examples.sln



## 3.2. Checking ATID Reader Library

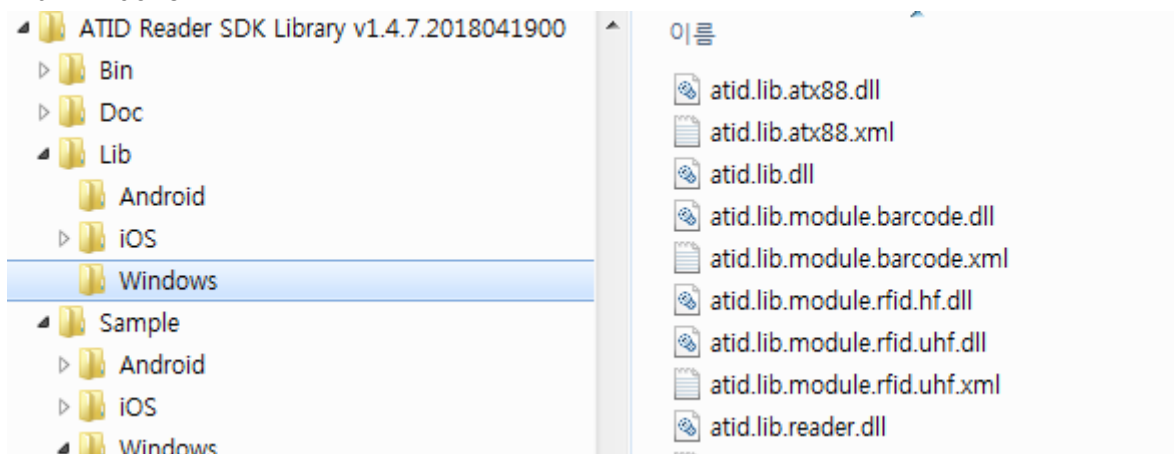
After Visual Studio is working, Make sure to check that ATID Reader libraries are referenced in Solution Explorer.



Referenced files are located in the below.

If Error is coming up, refer to the files which is in the below.

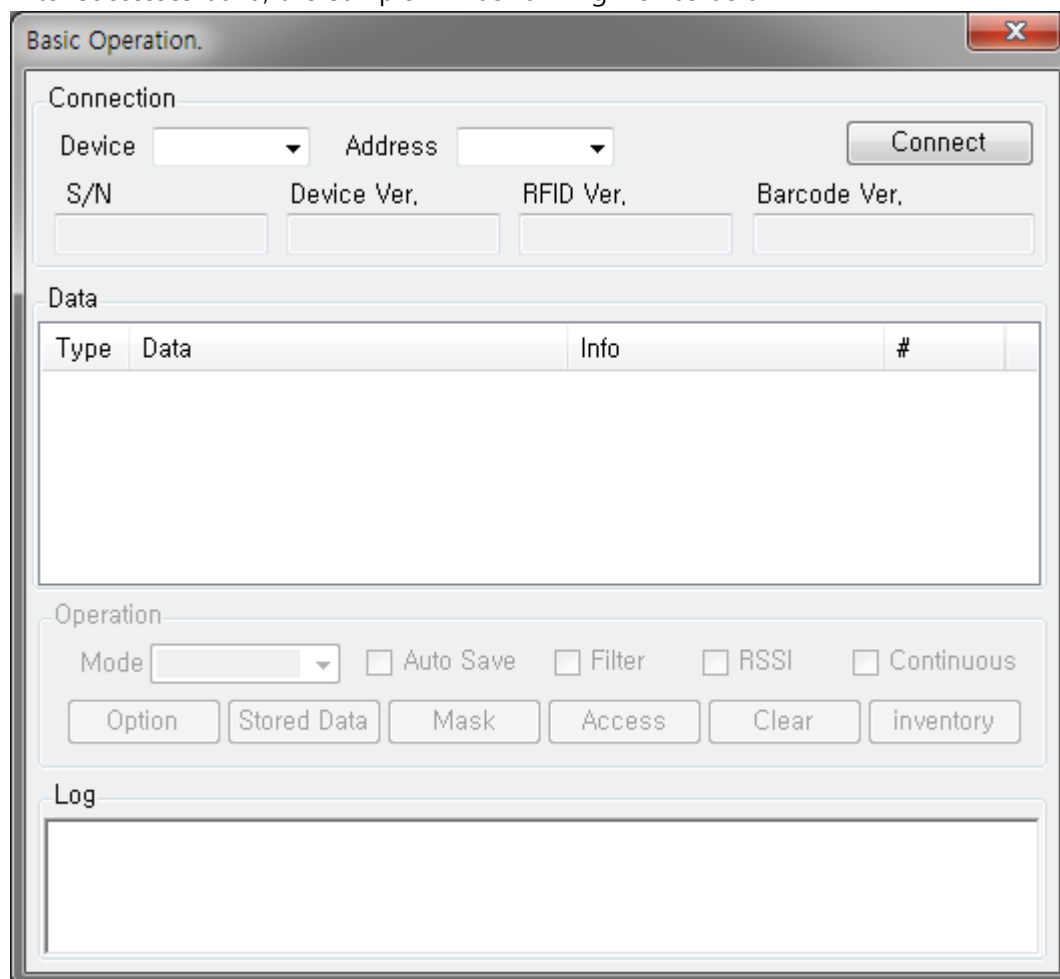
WLib\Windows



## 3.3. Build and running

Ctrl + Shift + B or Click the  Icon for build.

After successes build, the Sample will be running well as below



The screenshot shows a software window titled "Basic Operation." with a standard Windows interface (title bar, close button). The window is divided into several sections:

- Connection:** Contains two dropdown menus for "Device" and "Address", a "Connect" button, and four input fields for "S/N", "Device Ver.", "RFID Ver.", and "Barcode Ver."
- Data:** A table with four columns: "Type", "Data", "Info", and "#". The table is currently empty.
- Operation:** Contains a "Mode" dropdown menu, four checkboxes for "Auto Save", "Filter", "RSSI", and "Continuous", and six buttons: "Option", "Stored Data", "Mask", "Access", "Clear", and "inventory".
- Log:** A large text area at the bottom for displaying logs.