



Application Note

ST25RU3993

FERMI- Calf SW GUI SDK

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1 General Description


This note explains how to install the SDK (Visual Studio CPP and QT libraries) of the Source Code of the SW GUI of the AS3993-FERMI-, for possible customizations.

References:

- ApplicationNote_PicSourceCode.pdf (FW - SDK info)
- AppNote GUI Source.pdf (GUI – SDK info)
- ST25RU3993 FTPS links for GUI/SW/FW download
- Visual Studio Express Cpp 2010 and QT libraries

1.1 QT Libraries

<http://qt-project.org/downloads>



Qt 4.8

Select the file according to your operating system from the list below to get the latest Qt 4.8 for your computer

- Qt libraries 4.8.5 for Windows (minGW 4.4, 317 MB) (Info)
- Qt libraries 4.8.5 for Windows (VS 2008, 235 MB) (Info)
- Qt libraries 4.8.5 for Windows (VS 2010, 235 MB) (Info)
- Qt libraries 4.8.5 for Linux/X11 (230 MB) (Info)
- Qt libraries 4.8.5 for Mac (185 MB) (Info) and debug libraries (480 MB) (Info)
- Qt libraries 4.8.5 for embedded Linux (230 MB) (Info)
- Qt libraries 4.8.5 for Windows CE (269 MB) (Info)

The source code is available as a [zip](#) (269 MB) (Info) or a [tar.gz](#) (230 MB) (Info). Or visit the repository at qt.gitorious.org/qt.

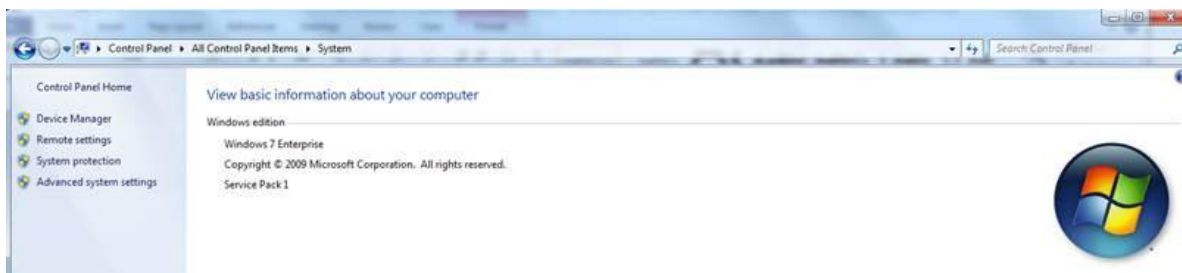
Download and install:

Qt libraries 4.8.5 for Windows (VS 2010, 235 MB) (Info)

2 QTDIR Variable and PATH Update

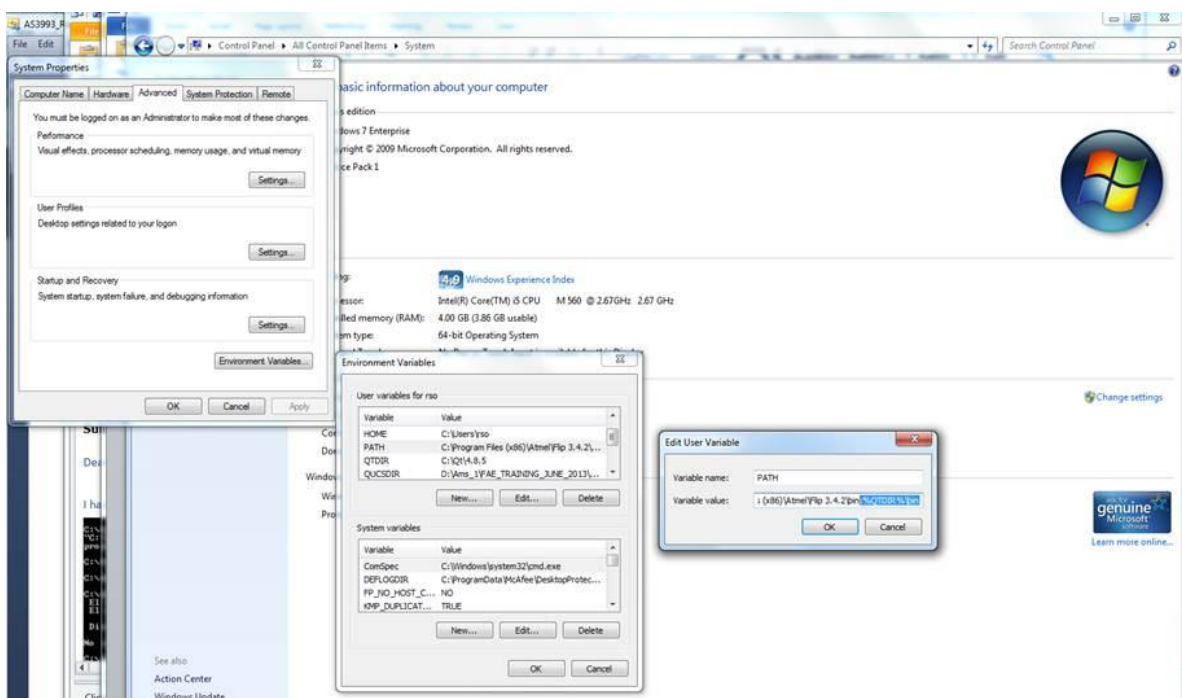
- Setup an environment variable QTDIR which points to the installation directory of the Qt libraries (e.g.: QTDIR="C:\Qt\4.8.5"). It is recommended to add the entry %QTDIR%\bin to the PATH environment variable.

→ System



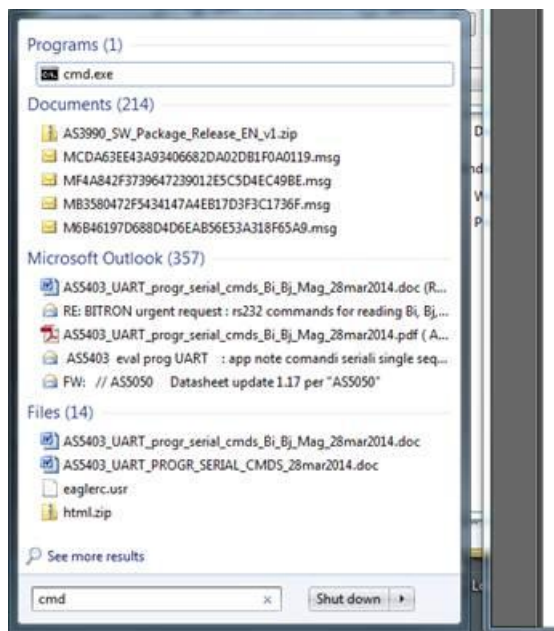
➔ Advanced system settings

➔ Environment Variables



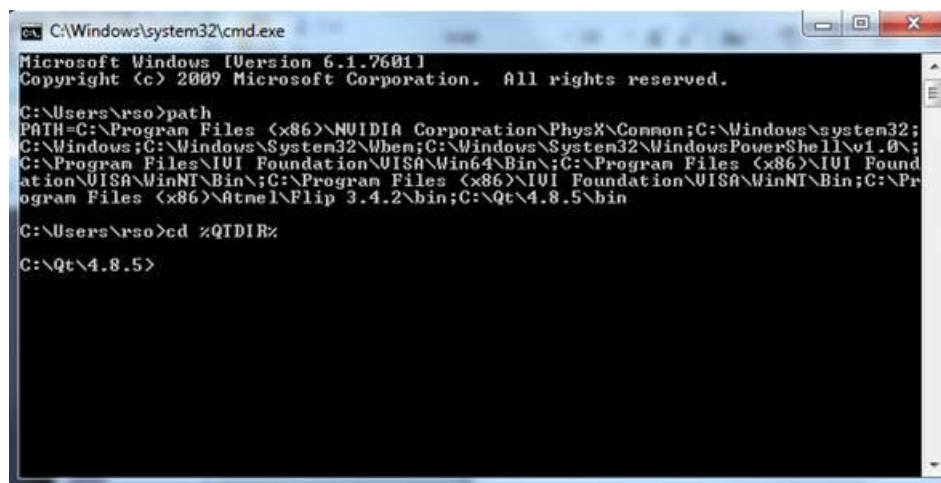
To check if variable QTDIR and path have been really/correctly updated:

➔ Cmd



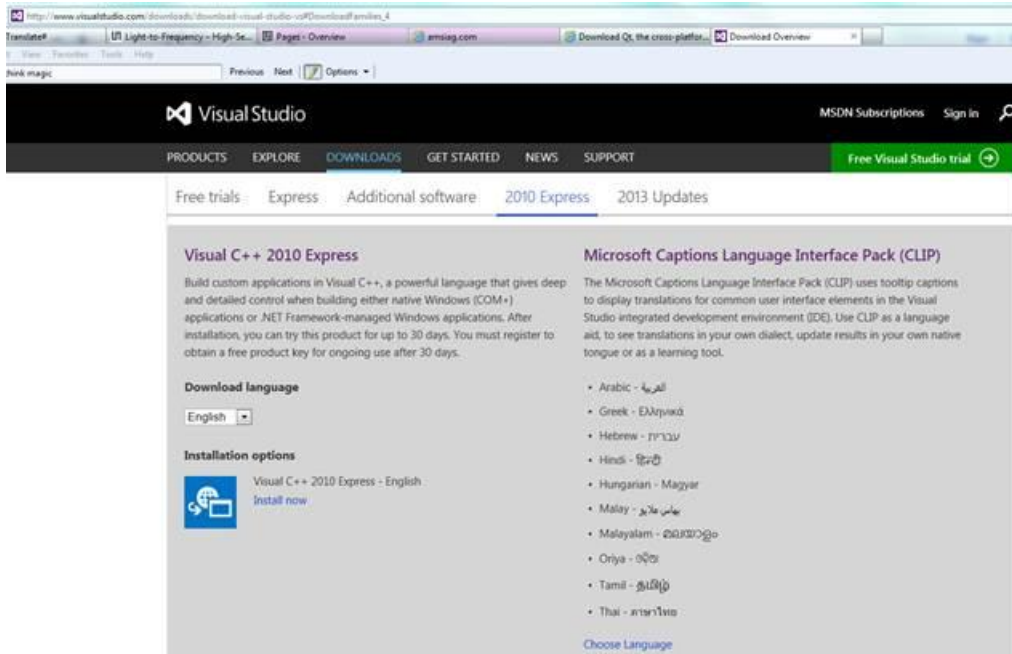
→ Path

→ Cd %QTDIR%



3 Express Visual Studio 2010, Visual C++

http://www.visualstudio.com/downloads/download-visual-studio-vs#DownloadFamilies_4



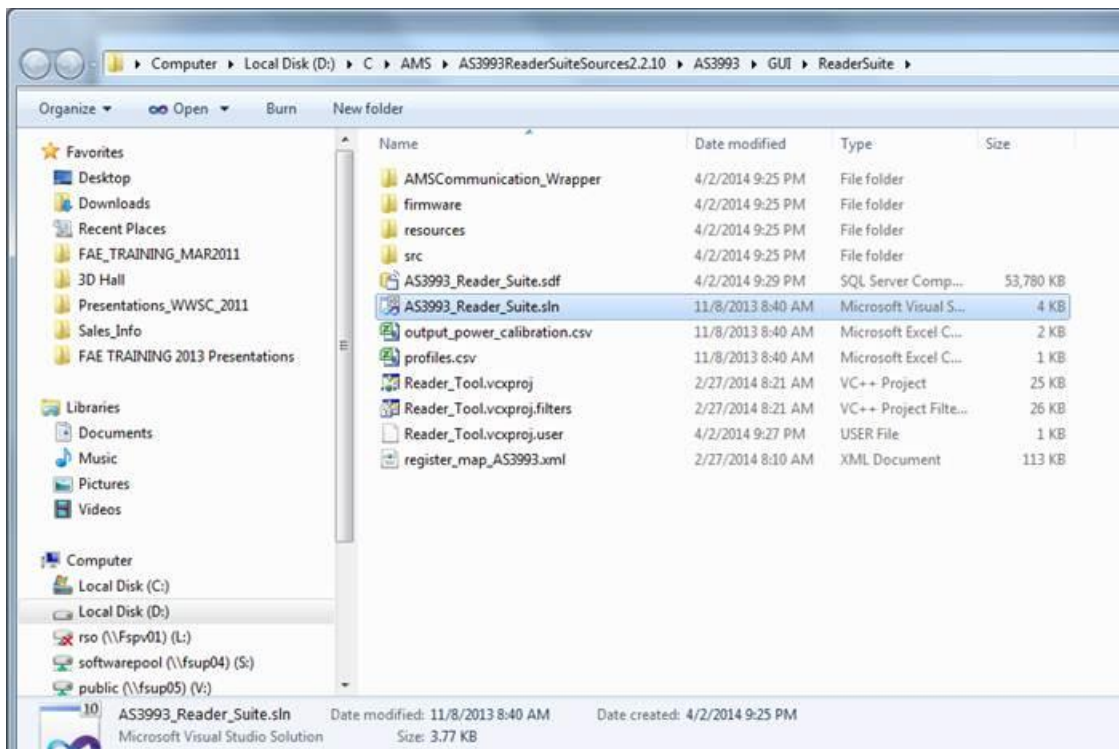
➔ Install now

4 Source Code SW GUI ST25RU3993 Installer (Download it from Siliconcontrol)

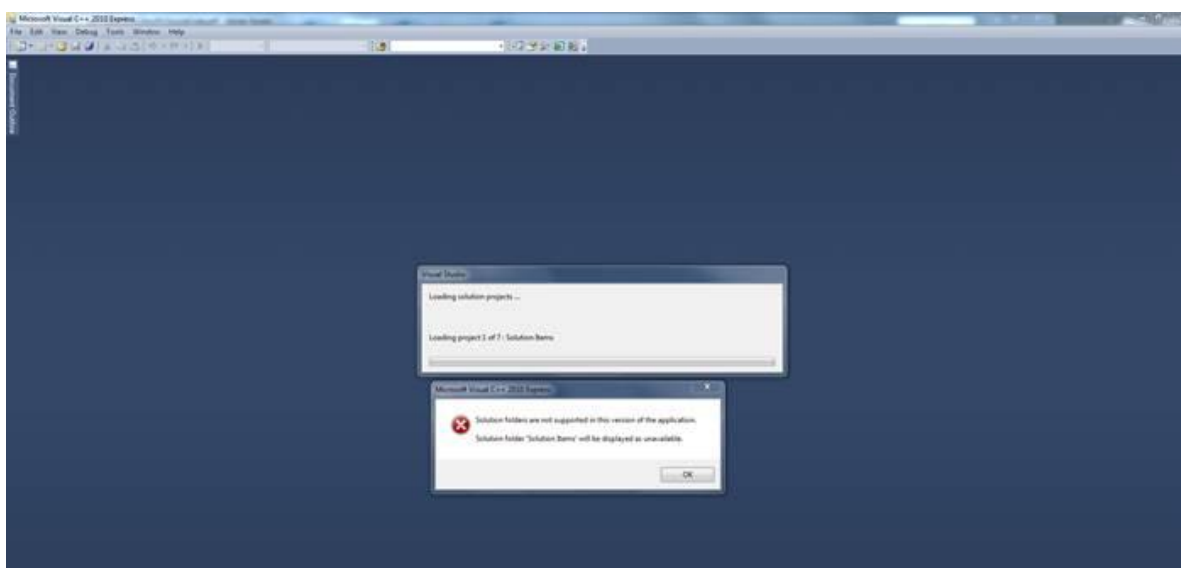
For example:

1395229295_AS3993ReaderSuiteSources_2-2-10.exe	3/24/2014 12:56 PM	Application	5,397 KB
--	--------------------	-------------	----------

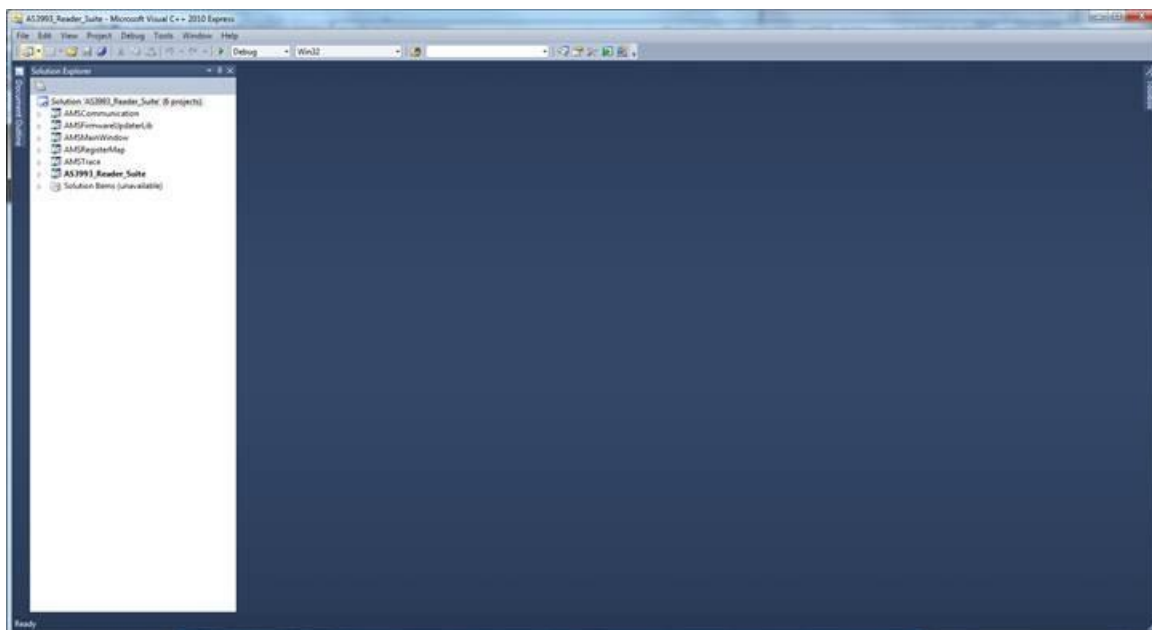
➔ Install the code



➔ Double click on AS3993_Reader_Suite.sln



➔ OK (Do not care about the error msg: it is related to the installer itself, not to the useful code)



➔ BUILD the entire project (--> Project --> Build) and check the log for the presence of possible errors, as in this example

```

1>----- Build started: Project: AMSFirmwareUpdaterLib, Configuration: Debug Win32 -----
2>----- Build started: Project: AMSTrace, Configuration: Debug Win32 -----
1> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\Tools\AMSFirmwareUpdater\App\AMSFirmwareUpgrader.h -> generated\src\moc_AMSFirmwareUpgrader.cpp
3>----- Build started: Project: AMSCommunication, Configuration: Debug Win32 -----
4>----- Build started: Project: AMSRegisterMap, Configuration: Debug Win32 -----
2> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSTrace\designer\AMSTraceWindow\AMSTraceWindow.ui -> generated/include/ui_AMSTraceWindow.h"
4> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSRegisterMap\include\register_map.hxx -> generated\src\moc_register_map.cpp
2> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\AmsComCapabilities.hxx -> generated\src\moc_AmsComCapabilities.cpp
1> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\Tools\AMSFirmwareUpdater\App\UpgradeProgressDialog.hxx -> generated\src\moc_UpgradeProgressDialog.cpp
2> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSTrace\include\AMSTrace.hxx -> generated\src\moc_AMSTrace.cpp
2> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\AMSCommunication.hxx -> generated\src\moc_AMSCommunication.cpp
4> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSRegisterMap\include\register_settings.hxx -> generated\src\moc_register_settings.cpp
3> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\AmsComStreamI2CSPiInterface.h ->
generated\src\moc_AmsComStreamI2CSPiInterface.cpp
2> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSTrace\include\AMSTracePlayer.hxx -> generated\src\moc_AMSTracePlayer.cpp
2> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\AmsComStreamWrapper.hxx -> generated\src\moc_AmsComStreamWrapper.cpp
2> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSTrace\include\AMSTraceWindow.hxx -> generated\src\moc_AMSTraceWindow.cpp
1> AMSBootloader.cpp
1> AMSFirmwareUpgrader.cpp
1> moc_UpgradeProgressDialog.cpp
1> UpgradeProgressDialog.cpp
4> stable.cpp
3> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\AmsRegisterCache.hxx -> generated\src\moc_AmsRegisterCache.cpp
3> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\AmsUsbIssWrapper.hxx -> generated\src\moc_AmsUsbIssWrapper.cpp
4> Using pre-compiled headers
4>
2> stable.cpp
2> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\USBBoxCommunication.hxx -> generated\src\moc_USBBoxCommunication.cpp
2> Using pre-compiled headers
2>
3> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\UARTQtCommunication.hxx -> generated\src\moc_UARTQtCommunication.cpp
3> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\UsbBoxDimming.h -> generated\src\moc_UsbBoxDimming.cpp
3> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\USBHIDCommunication.hxx -> generated\src\moc_USBHIDCommunication.cpp
4> c:\qt\4.8.5\src\corelib\global\qconfig.h(41): warning C4005: 'QT_LARGEFILE_SUPPORT' : macro redefinition
4> command-line arguments : see previous definition of 'QT_LARGEFILE_SUPPORT'

```



```

3> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\AMSDeviceChangeDetector.hxx -> generated\src\moc_AMSDeviceChangeDetector.cpp
3> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\AMSDeviceDetector.hxx -> generated\src\moc_AMSDeviceDetector.cpp
3> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\include\USBProgrammerCommunication.hxx ->
generated\src\moc_USBProgrammerCommunication.cpp
2>c:\qt\4.8.5\include\QtCore\..\src\corelib\global\qconfig.h(41): warning C4005: 'QT_LARGEFILE_SUPPORT' : macro redefinition
2>         command-line arguments : see previous definition of 'QT_LARGEFILE_SUPPORT'
3> stable.cpp
3> Using pre-compiled headers
3>
3>c:\qt\4.8.5\src\corelib\global\qconfig.h(41): warning C4005: 'QT_LARGEFILE_SUPPORT' : macro redefinition
3>         command-line arguments : see previous definition of 'QT_LARGEFILE_SUPPORT'
1> moc_AMSFirmwareUpgrader.cpp
1> PicUARTBootloader.cpp
1> PicUARTCommunication.cpp
4> moc_register_map.cpp
4> moc_register_settings.cpp
4> register_map.cpp
4> register_map_value_helper.cpp
4> register_settings.cpp
4> register_table.cpp
4> register_xml.cpp
4> RegisterMap.vcxproj -> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSRegisterMap\Debug\AMSRegisterMap.lib
5>----- Build started: Project: AMSMainWindow, Configuration: Debug Win32 -----
5> 'hg' is not recognized as an internal or external command,
5> operable program or batch file.
5> Generating Mercurial version info
5> 'hg' is not recognized as an internal or external command,
5> operable program or batch file.
5> 'hg' is not recognized as an internal or external command,
5> operable program or batch file.
5> FC: cannot open D:\C\AMS\AS3993READERSUITESOURCES2.2.10\COMMON\GUI\AMSMAINWINDOW\GENERATED\INCLUDE\HG_INFO.H - No such file or folder
5>
5>         1 file(s) copied.
5> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSMainWindow\Designer>AboutDialog\AMSAboutDialog.ui -> generated/include/ui_AMSAboutDialog.h"
5> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSMainWindow\include\GetVersion.hxx -> generated\src\moc_GetVersion.cpp
1> PicUSBBootloader.cpp
5> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSMainWindow\include\AMSAboutDialog.hxx -> generated\src\moc_AMSAboutDialog.cpp
5> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSMainWindow\include\AMSMainWindow.hxx -> generated\src\moc_AMSMainWindow.cpp
5> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSMainWindow\include\AMSPuginDialog.hxx -> generated\src\moc_AMSPuginDialog.cpp
5> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSMainWindow\include\AMSPuginInterface.hxx -> generated\src\moc_AMSPuginInterface.cpp
5> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSMainWindow\include\ChoosePuginDialog.hxx -> generated\src\moc_ChoosePuginDialog.cpp
5> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSMainWindow\resources\amsQResource.qrc -> generated\src\qrc_amsQResource.cpp
1> USBHIDBootloader.cpp
5> stable.cpp
5> Using pre-compiled headers
5>
2> AMSTrace.cpp
2> AMSTracePlayer.cpp
2> AMSTraceWindow.cpp
2> moc_AMSTrace.cpp
2> moc_AMSTracePlayer.cpp
2> moc_AMSTraceWindow.cpp
2> AMSTraceSerializer.cpp
2> AMSTrace.vcxproj -> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSTrace\Debug\AMSTrace.lib
5>c:\qt\4.8.5\src\corelib\global\qconfig.h(41): warning C4005: 'QT_LARGEFILE_SUPPORT' : macro redefinition
5>         command-line arguments : see previous definition of 'QT_LARGEFILE_SUPPORT'
3> moc_AmsRegisterCache.cpp
3> AmsCom.cpp
3> AmsComCapabilities.cpp
3> AmsComDriver.cpp
3> AMSCommunication.cpp
3> AmsComObject.cpp
3> AmsComStream.cpp
3> AmsComStreamI2CSPIInterface.cpp
3> AmsComStreamWrapper.cpp
3> enumser.cpp
3> AmsFirmwareCheck.cpp

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3> AmsI2CSPIInterpreter.cpp
3> AmsRegisterCache.cpp
3> ApplComObjects.cpp
1> AMSFirmwareUpgrader.vcxproj -> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\Tools\AMSFirmwareUpdater\App\Debug\AMSFirmwareUpdaterLib.lib
3> CtrlComObjects.cpp
3> HidComDriver.cpp
3> I2cComObjects.cpp
3> SpiComObjects.cpp
3> UartComDriver.cpp
3> UsbBox.cpp
3> USBBoxCommunication.cpp
3> UsbBoxDimming.cpp
3> UsbBoxFirmwareLoad.cpp
3> UsbBoxPwm.cpp
3> UsbBoxReporter.cpp
3> UsbBoxUsingCyApi.cpp
3> UsbBoxUsingUsbConDll.cpp
3> qextserialbase.cpp
3> qextserialport.cpp
3> UARTQtCommunication.cpp
3> win_qextserialport.cpp
3> HIDDevice.cpp
3> USBHIDCommunication.cpp
3> AmsUsbIssI2CSPIInterface.cpp
3> AmsUsbIssWrapper.cpp
3> UsbIss.cpp
3> USBWinApiCommunication.cpp
3> winusb_dll_comms.cpp
3> AMSDeviceChangeDetector.cpp
3> AMSDeviceDetector.cpp
3> USBProgrammerCommunication.cpp
3> moc_AMSCommunication.cpp
3> moc_AMSDeviceChangeDetector.cpp
3> moc_AMSDeviceDetector.cpp
3> moc_UARTQtCommunication.cpp
3> moc_USBBoxCommunication.cpp
3> moc_USBHIDCommunication.cpp
3> moc_USBProgrammerCommunication.cpp
5> moc_GetVersion.cpp
5> qrc_amsQResource.cpp
5> AMSMainWindow.cpp
5> AMSSimpleXml.cpp
5> GetVersion.cpp
5> AMSPluginDialog.cpp
5> ChoosePluginDialog.cpp
5> AMSAboutDialog.cpp
5> moc_AMSAboutDialog.cpp
5> moc_AMSMainWindow.cpp
5> moc_AMSPluginDialog.cpp
5> moc_AMSPluginInterface.cpp
5> moc_ChoosePluginDialog.cpp
3> AMSCommunication.vcxproj -> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSCommunication\Debug\AMSCommunication.lib
5> AMSMainWindow.vcxproj -> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSMainWindow\Debug\AMSMainWindow.lib
6>----- Build started: Project: AS3993_Reader_Suite, Configuration: Debug Win32 -----
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\action\CShowPictureWidget.ui -> generated/include/ui_CShowPictureWidget.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\ReaderTool.ui -> generated/include/ui_ReaderTool.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\CSettingsDialog.ui -> generated/include/ui_CSettingsDialog.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\CTagListView.ui -> generated/include/ui_CTagListView.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\CTagSettingsDialog.ui -> generated/include/ui_CTagSettingsDialog.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\helper\QrfeProgressBar.ui -> generated/include/ui_QrfeProgressBar.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\readerSettings\CReaderConfigDialog.ui -> generated/include/ui_CReaderConfigDialog.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\readerSettings\CReflectedPower.ui -> generated/include/ui_CReflectedPower.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\SL900a\SL900ACoolLogCommands.ui -> generated/include/ui_SL900ACoolLogCommands.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\SL900a\SL900ADemo.ui -> generated/include/ui_SL900ADemo.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\SL900a\SL900AMainDialog.ui -> generated/include/ui_SL900AMainDialog.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\tagSettings\CBitSequenceEditor.ui -> generated/include/ui_CBitSequenceEditor.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\tagSettings\CGen2MovementDetector.ui -> generated/include/ui_CGen2MovementDetector.h"

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6>src\gui\tagSettings\CGen2MovementDetector.ui : warning : Z-order assignment: 'horizontalSpacer_3' is not a valid widget.
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\tagSettings\CGen2TagDialog.ui -> generated\include/ui_CGen2TagDialog.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\tagSettings\CNXPCCommand.ui -> generated\include/ui_CNXPCCommand.h"
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\AMSCommunication_Wrapper\include\usb_hid_wrapper.hxx -> generated\src\moc_usb_hid_wrapper.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\CDataHandler.h -> generated\src\moc_CDataHandler.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\CReaderManager.h -> generated\src\moc_CReaderManager.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\CReaderTool.h -> generated\src\moc_CReaderTool.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\CReadRateCalc.h -> generated\src\moc_CReadRateCalc.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\CTagManager.h -> generated\src\moc_CTagManager.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\CTagViewManager.h -> generated\src\moc_CTagViewManager.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\sl900a\SL900ADemo.hxx -> generated\src\moc_SL900ADemo.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\sl900a\SL900ACoolLogCommands.hxx -> generated\src\moc_SL900ACoolLogCommands.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\sl900a\SL900AMainDialog.hxx -> generated\src\moc_SL900AMainDialog.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\sl900a\SL900A_globals.hxx -> generated\src\moc_SL900A_globals.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\reader\ams\InventoryRunner.h -> generated\src\moc_InventoryRunner.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\readerSettings\CReflectedPower.h -> generated\src\moc_CReflectedPower.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\QrfeTrace.h -> generated\src\moc_QrfeTrace.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\tagSettings\CBitSequenceEditor.hxx -> generated\src\moc_CBitSequenceEditor.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\readerSettings\AngularGauge.hxx -> generated\src\moc_AngularGauge.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\reader\ReaderInterface.h -> generated\src\moc_ReaderInterface.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\action\CActionHandler.h -> generated\src\moc_CActionHandler.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\action\CApplicationStarter.h -> generated\src\moc_CApplicationStarter.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\action\CShowPictureWidget.h -> generated\src\moc_CShowPictureWidget.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\helper\QrfeProgressBar.h -> generated\src\moc_QrfeProgressBar.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\key\QrfeKeyBoard.h -> generated\src\moc_QrfeKeyBoard.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\CSettingsDialog.h -> generated\src\moc_CSettingsDialog.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\CTagListView.h -> generated\src\moc_CTagListView.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\CTagSettingsDialog.h -> generated\src\moc_CTagSettingsDialog.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\key\QrfeKeyWindow.h -> generated\src\moc_QrfeKeyWindow.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\readerSettings\CReaderConfigDialog.h -> generated\src\moc_CReaderConfigDialog.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\tagSettings\CGen2MovementDialog.h -> generated\src\moc_CGen2MovementDialog.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\tagSettings\CGen2TagDialog.h -> generated\src\moc_CGen2TagDialog.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\gui\tagSettings\CNXPCCommand.h -> generated\src\moc_CNXPCCommand.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\src\reader\ams\AmsReader.h -> generated\src\moc_AmsReader.cpp
6> D:\C\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\resources\qrfe.qrc -> generated\src\qrc_qrfe.cpp
6> moc_AngularGauge.cpp
6> moc_CActionHandler.cpp
6> moc_CBitSequenceEditor.cpp
6> moc_CReaderConfigDialog.cpp
6> moc_CApplicationStarter.cpp
6> moc_CDataHandler.cpp
6> moc_CGen2MovementDialog.cpp
6> moc_CGen2TagDialog.cpp
6> moc_CNXPCCommand.cpp
6> moc_CReaderManager.cpp
6> moc_CReaderTool.cpp
6> moc_CReadRateCalc.cpp
6> moc_CReflectedPower.cpp
6> moc_CSettingsDialog.cpp
6> moc_CShowPictureWidget.cpp
6> moc_CTagListView.cpp
6> moc_CTagManager.cpp
6> moc_CTagSettingsDialog.cpp
6> moc_CTagViewManager.cpp
6> moc_InventoryRunner.cpp
6> moc_AmsReader.cpp
6> moc_QrfeKeyBoard.cpp
6> moc_QrfeKeyWindow.cpp
6> moc_QrfeProgressBar.cpp
6> moc_QrfeTrace.cpp
6> moc_ReaderInterface.cpp
6> moc_SL900ADemo.cpp
6> moc_SL900ACoolLogCommands.cpp
6> moc_SL900AMainDialog.cpp
6> moc_usb_hid_wrapper.cpp
6> qrc_qrfe.cpp
6> AntennaObjects.cpp
```

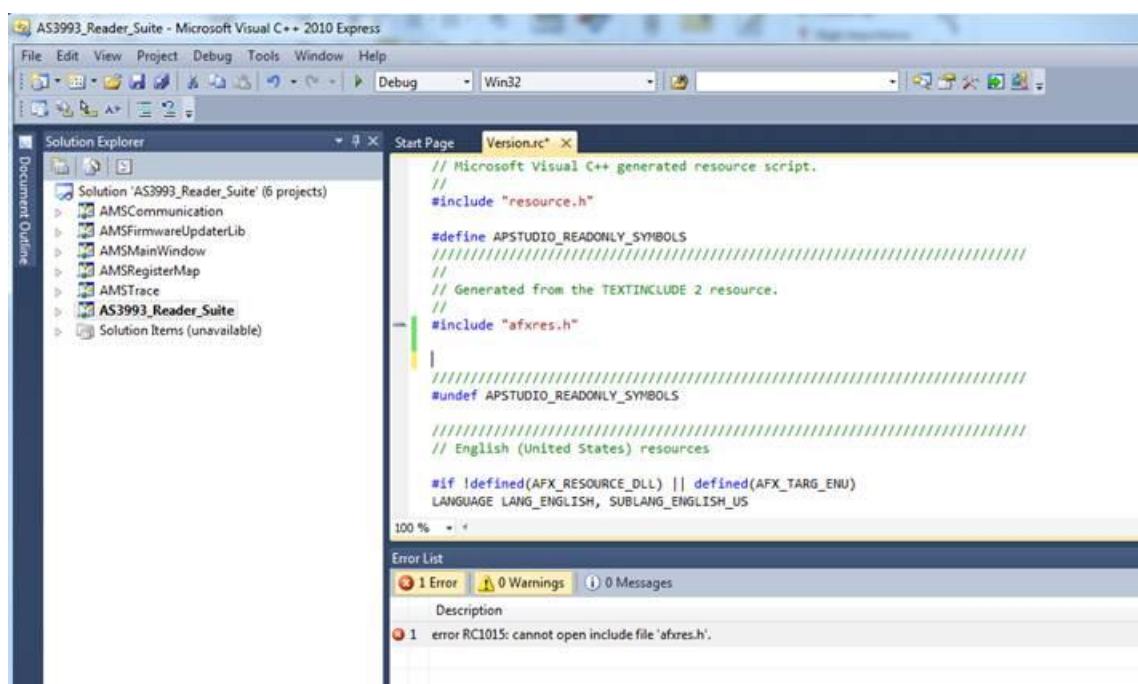
```

6> FrequencyObjects.cpp
6> ProtocolObjects.cpp
6> ReaderObjects.cpp
6> RegisterObjects.cpp
6> TagObjects.cpp
6> AngularGauge.cpp
6> Using pre-compiled headers
6>
6> CReflectedPower.cpp
6> SL900ADemo.cpp
6> SL900ACoolLogCommands.cpp
6> SL900AMainDialog.cpp
6> CBitSequenceEditor.cpp
6> main.cpp
6> QrfeTrace.cpp
6> CDataHandler.cpp
6> CReaderManager.cpp
6> CReaderTool.cpp
6> CReadRateCalc.cpp
6> CTagManager.cpp
6> CTagViewManager.cpp
6> CTreeWidget.cpp
6> CSettingsDialog.cpp
6> CTagListView.cpp
6> CTagSettingsDialog.cpp
6> QrfeProgressBar.cpp
6> CReaderConfigDialog.cpp
6> CGen2MovementDialog.cpp
6> CGen2TagDialog.cpp
6> CNXPCommand.cpp
6> QrfeKeyBoard.cpp
6> QrfeKeyPiece.cpp
6> QrfeKeyWindow.cpp
6> InventoryRunner.cpp
6> ReaderInterface.cpp
6> AmsReader.cpp
6> EPC_Defines.cpp
6> CActionHandler.cpp
6> CApplicationStarter.cpp
6> CShowPictureWidget.cpp
6> usb_hid_wrapper.cpp
6>resources\Version.rc(10): fatal error RC1015: cannot open include file 'afxres.h'.
6>
===== Build: 5 succeeded, 1 failed, 0 up-to-date, 0 skipped =====

```

To fix the **error** above:

View the **Error List** window --> and double click on the error line **RC1015 cannot open include file 'afxres.h'** --> it will pop up/open the file Version.rc and the cursor will go to the line with **#include "afxres.h"**



The error appears because Visual Studio cannot find the MFC. As MFC are not really necessary, the following workaround can be adopted, as mentioned in:

<http://stackoverflow.com/questions/3566018/cannot-open-include-file-afxres-h-in-vc2010-express>

Replace:

```
#include "afxres.h"
```

With:

```
// #include "afxres.h"
```

```
#include "WinResrc.h" // added by hand
```

```
#define IDC_STATIC -1 // added by hand
```

➔ Save file

[Alternatively, install the MFC (Microsoft Foundation Classes).

The Standard version of Visual Studio normally has the MFC installed by default.

When using the Standard version of Visual Studio, the following errors might anyway appear:

But I am getting:

```
Error 1 error C1083: Cannot open include file: 'hg_info.h': No such file or directory c:\users\informatica3\documents\visual studio
2010\projects\as3993readersuitesources\common\gui\amsmainwindow\src\amsaboutdialog\amsaboutdialog.cpp 29 1 AMSMainWindow

Error 2 error C1083: Cannot open include file: 'hg_info.h': No such file or directory c:\users\informatica3\documents\visual studio
2010\projects\as3993readersuitesources\common\gui\amsmainwindow\src\amsmainwindow.cpp 43 1 AMSMainWindow

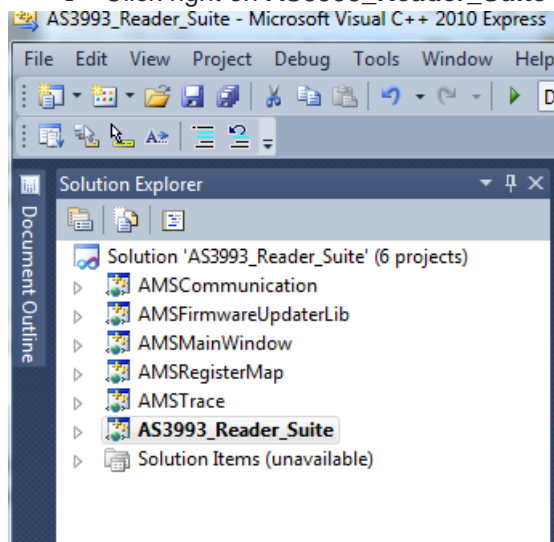
Error 3 error LNK1104: cannot open file 'C:\Users\informatica3\Documents\Visual Studio
2010\Projects\AS3993ReaderSuiteSources\common\GUI\AMSMainWindow\Debug\AMSMainWindow.lib' C:\Users\informatica3\Documents\Visual Studio
2010\Projects\AS3993ReaderSuiteSources\AS3993\GUI\ReaderSuite\LINK AS3993_Reader_Suite

Error 6 error LNK1123: failure during conversion to COFF: file invalid or corrupt C:\Users\informatica3\Documents\Visual Studio
2010\Projects\AS3993ReaderSuiteSources\AS3993\GUI\ReaderSuite\LINK AS3993_Reader_Suite
```

It becomes necessary to update visual studio with the service Pack SP1 to fix them

<http://support.microsoft.com/kb/2757355>]

➔ Click right on **AS3993_Reader_Suite**



➔ Build

```
1>----- Build started: Project: AMSMainWindow, Configuration: Debug Win32 -----
1> Generating Mercurial version info
1> 'hg' is not recognized as an internal or external command,
1> operable program or batch file.
1> 'hg' is not recognized as an internal or external command,
1> operable program or batch file.
1> 'hg' is not recognized as an internal or external command,
1> operable program or batch file.
1> Comparing files D:\C:\AMS\AS3993READERSUITESOURCES2.2.10\COMMON\GUI\AMSMAINWINDOW\GENERATED\INCLUDE\hg_info.h and
D:\C:\AMS\AS3993READERSUITESOURCES2.2.10\COMMON\GUI\AMSMAINWINDOW\GENERATED\INCLUDE\HG_INFO.H.TMP
1> FC: no differences encountered
1>
1> AMSMainWindow.vcxproj -> D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\common\GUI\AMSMAINWINDOW\Debug\AMSMainWindow.lib
2>----- Build started: Project: AS3993_Reader_Suite, Configuration: Debug Win32 -----
2> LINK : D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\AS3993_Reader_Suite.exe not found or not built by the last incremental link;
performing full link
2>qt-4.2.0-debug.lib(qwt_abstract_scale_draw.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_abstract_scale_draw.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_abstract_slider.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_abstract_slider.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_clipper.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_clipper.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_color_map.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_color_map.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_curve_fitter.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_curve_fitter.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_data.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_data.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_dial.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_dial.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_dial_needle.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_dial_needle.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_double_interval.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_double_interval.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_double_range.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_double_range.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_dyngrid_layout.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_dyngrid_layout.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_layout_metrics.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_layout_metrics.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_legend.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_legend.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_legend_item.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_legend_item.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwtPainter.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwtPainter.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_plot.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_plot.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_plot_axis.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_plot_axis.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_plot_canvas.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_plot_canvas.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_plot_curve.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_plot_curve.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_plot_dict.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_plot_dict.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_plot_grid.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_plot_grid.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_plot_item.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_plot_item.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qt-4.2.0-debug.lib(qwt_plot_layout.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qt-4.2.0-debug.lib(qwt_plot_layout.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
```

```

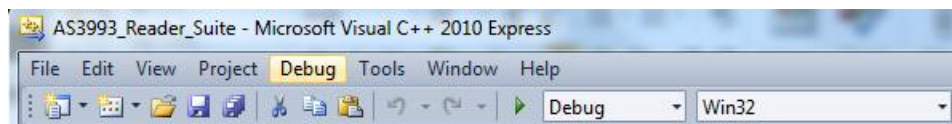
2>qwt-4.2.0-debug.lib(qwt_plot_marker.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_plot_marker.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_plot_print.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_plot_print.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_plot_printfilter.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_plot_printfilter.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_plot_xml.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_plot_xml.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_round_scale_draw.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_round_scale_draw.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_scale_div.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_scale_div.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_scale_draw.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_scale_draw.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_scale_engine.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_scale_engine.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_scale_map.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_scale_map.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_scale_widget.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_scale_widget.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_spline.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_spline.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_symbol.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_symbol.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_text.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_text.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_text_engine.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_text_engine.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(qwt_text_label.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(qwt_text_label.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(moc_qwt_abstract_slider.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(moc_qwt_abstract_slider.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(moc_qwt_dial.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(moc_qwt_dial.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(moc_qwt_dyngrid_layout.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(moc_qwt_dyngrid_layout.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(moc_qwt_legend.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(moc_qwt_legend.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(moc_qwt_legend_item.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(moc_qwt_legend_item.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(moc_qwt_plot.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(moc_qwt_plot.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(moc_qwt_plot_canvas.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(moc_qwt_plot_canvas.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(moc_qwt_scale_widget.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(moc_qwt_scale_widget.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2>qwt-4.2.0-debug.lib(moc_qwt_text_label.obj) : warning LNK4099: PDB 'vc90.pdb' was not found with 'qwt-4.2.0-debug.lib(moc_qwt_text_label.obj)' or at
'D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\vc90.pdb'; linking object as if no debug info
2> Reader_Tool.vcxproj -> D:\C:\AMS\AS3993ReaderSuiteSources2.2.10\AS3993\GUI\ReaderSuite\Debug\AS3993_Reader_Suite.exe

```

===== Build: 2 succeeded, 0 failed, 4 up-to-date, 0 skipped =====

Now the result is successful (0 failed)

➔ Click on **Debug** (green arrow)

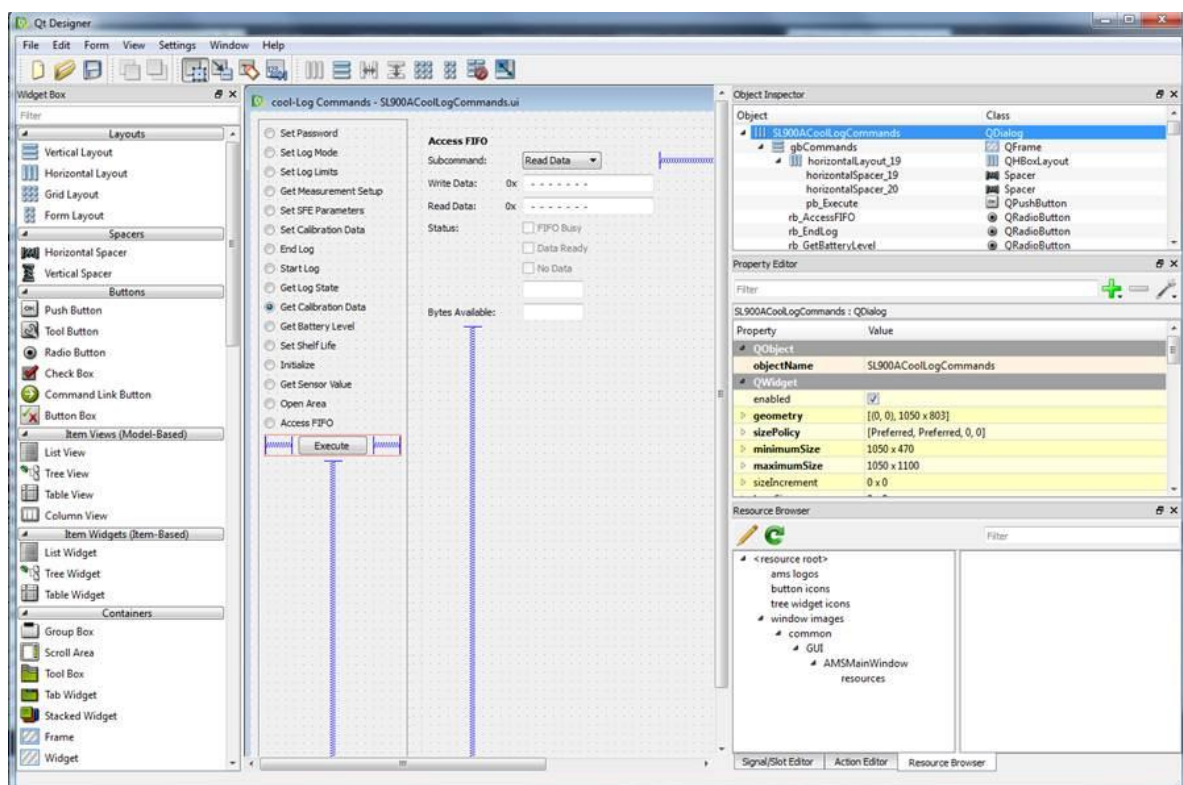
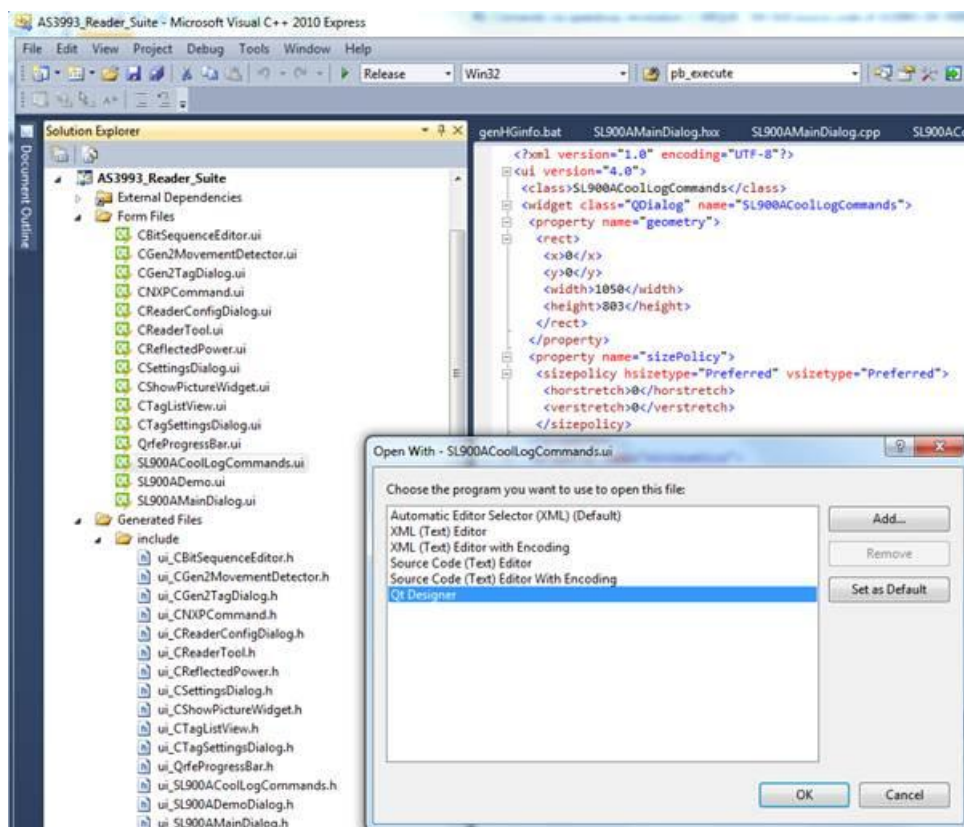


Answer OK; the AS3993 SW GUI will appear:



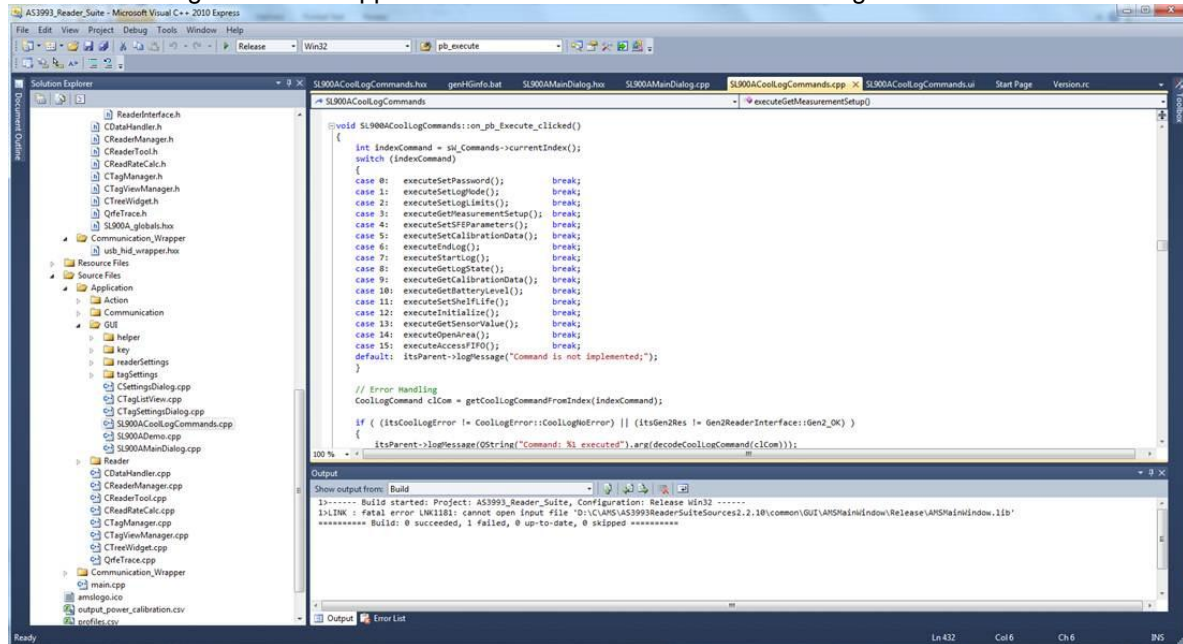
Meaning that the SW GUI is running.

- Expand the AS3993_Reader_Suite in the solution explorer
- Right click on SL900ACoolLogCommands.ui --> open with --> Qt Designer :

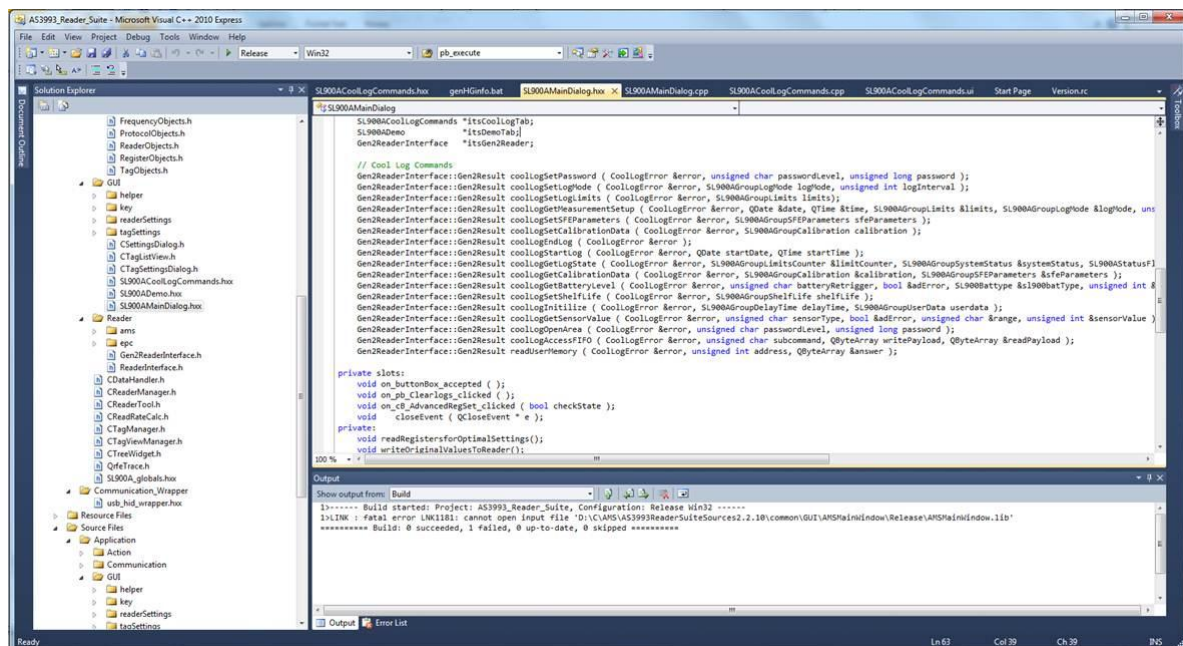


Some of the most relevant files for customization are:

SL900ACoolLogCommands.cpp and the related header SL900ACoolLogCommands.hxx



SL900AMainDialogCoolLog.hxx and the related .cpp



5 Contact Information

WuXi Silicontrol Electronic Technology Co., Ltd.

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WEB:<http://www.silicontrol.com>

E-Mail:support@eleckits.com

6 Note

7 Revision Information

Changes from 1-01 (2017-Apr-11) to current revision 1-02 (2018-Jul-22)	Page
Update to corporate format	1-15

Note: Page numbers for the previous version may differ from page numbers in the current revision.