MFC Library: RFT_IF_CAN_ Project Summary

This RFT_IF_CAN project has been created by the Application Wizard. This application not only shows the basic usage of the MFC, but also provides a basic structure for writing an application.

It contains a summary description for each file component of the RFT_IF_CAN application.

RFT_IF_CAN.vcxproj

This is a basic project file for VC++ project created by using the Application Wizard. It contains information about the version of VC++ that created the file and the platform, configuration, and project features that have been selected by using the Application Wizard.

RFT_IF_CAN.vcxproj.filters

This is a filter file for VC++projects created by using the Application Wizard. This file contains information about the project files and filters. This information is used by IDE to display files grouped by similar extensions on specific nodes. For example, the ".cpp" file is associated with the "source file" filter.

RFT_IF_CAN.h

This is a default header file for the application. It contains other project-specific headers, including resource.h, and the CRFT_IF_CANApp application class is declared within the header.

RFT_IF_CAN.cpp

This is the default application source file that contains the application class CRFT_IF_CANApp.

RFT_IF_CAN.rc

This is a list of all Microsoft Windows resources that the application uses. This includes icons, bitmaps, and cursors stored in the RES subdirectory. This file can be directly edited from Microsoft Visual C++. Project resources are located at 1042.

res\RFT_IF_CAN.ico

This is an icon file, which is used as an icon for the application. This icon is included by the default resource file RFT_IF_CAN.rc.

res\RFT_IF_CAN.rc2

This file contains resources edited by tools other than Microsoft Visual C++. All resources that cannot be edited with the Resource Editor must be placed in this file.

The Application Wizard creates 1 dialog box class.

RFT_IF_CANDlg.h, RFT_IF_CANDlg.cpp – dialog box

This file contains the CRFT_IF_CANDlg class. This class defines the function of the application's main dialog box. This dialog box template is located in RFT_IF_CAN.rc and can be edited directly from Microsoft Visual C++.

Other features:

ActiveX Control
The application supports Active X controls.

Other standard file:

StdAfx.h, StdAfx.cpp
These files are used to build the precompiled header (PCH) file RFT_IF_CAN.pch and the precompiled format (PCT) file StdAfx.obj.

Resource.h
This is a standard header file that defines the new resource ID. This file is read and updated in Microsoft Visual C++.

RFT_IF_CAN.manifest
Application manifest files are used in Windows XP to describe the dependence for certain versions of Side-by-Side assemblies. The loader uses this information to load the appropriate assembly from the assembly cache or the private of the application. The application manifest is a type of an external .manifest file installed in a folder such as an application executable that can be included for redistribution, or in an executable file in the form of a resource.

Other references
The "TODO:" used by the Application Wizard indicates the section of the source that the user must add or customize.

For applications that use MFCs on shared DLLs, there is no need to redistribute MFC DLLs. If the application uses a language that is different from the operating system's locale, the user must also redistribute the corresponding localized resource, mfc110XXX.DLL. For more information on these two topics, refer to the Redistributing Visual C++ Application section of the MSDN manual.