

REDISTRB.WRI File

Redistributable File List for Microsoft(R) Visual C++(TM), Version 4.0
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This document identifies the files that you may redistribute with your application developed using Visual C++. The conditions under which you may or may not redistribute these files are described in the separate License Agreement included in the Visual C++ Version 4.0 product.

All of the Visual C++ redistributable files are located in the \MSDEV\REDIST directory on the Visual C++ version 4.0 CD-ROM. These files are not installed by Visual C++ Setup in a distinct \MSDEV\REDIST directory on your hard disk. Visual C++ Setup may install some of these files in your Windows System directory, depending on which Setup options you choose. When you redistribute any of these files, you should copy them from the Visual C++ version 4.0 CD-ROM disc to your own distribution disk image, rather than from your hard disk, to make sure you are redistributing the correct version of the files.

Categories of Redistributable Files

The following categorization of redistributable files are described in this document.

1. MFC (Microsoft Foundation Classes) and CRT (C Run-Time) Files
2. ODBC (Open Database Connectivity) Files
3. DAO (Data Access Objects) Files
4. OCX Files (OLE Controls)
5. General Redistribution Information

MFC/CRT Files:

redistrb.wri	(Do not redistribute. It is this document.)
imagehlp.dll	(Do not redistribute)
ansi\ctl3d32.dll	3D controls support DLL for Windows95
ctl3d32.dll	3d controls support DLL for Windows NT
mfc40.dll	MFC core code (MBCS enabled)
mfc40deu.dll	German MFC shared resources
mfc40fra.dll	French MFC shared resources
mfc40jpn.dll	Japanese MFC shared resources
mfc40ita.dll	Italian MFC shared resources
mfc40chs.dll	Chinese MFC shared resources
mfc40kor.dll	Korean MFC shared resources
mfc40spa.dll	Spanish MFC shared resources
mfc40u.dll	MFC core code (Unicode enabled)
olepro32.dll	Microsoft OLE Property Support DLL
msvcrt40.dll	Shared DLL version of C Run-Time

Note: MSVCRT40.DLL has the same name in WIN32S and VC++4.0. They are different files and you must redistribute the proper matching file for the intended target (Win32 or Win32s). Also, different versions of CTL3D32.DLL are required for Windows NT and Windows 95. Please be sure you are installing the correct version on each operating system.

You can link your application with the MFC library either statically or dynamically. For information on dynamically linking your application to the MFC library, see MFC Tech Note 33, "DLL Version of MFC" in the *Visual C++ Books Online*.

If you dynamically link your application to the MFC library, then you will need to redistribute MFC40.DLL with your application. MFC40.DLL includes all of the framework classes. In addition, all MFC DLLs use the shared version of the C Run-Time, so MSVCRT40.DLL must be redistributed as well.

If you redistribute the MFC DLL, be sure you distribute the retail version rather than the debug version. The debug version of the MFC DLL has a trailing "D" in the file name, such as in MFC40D.DLL. The debug version is also split into four DLLs: MFC40D.DLL, MFCD40D.DLL, MFCN40D.DLL, MFCO40D.DLL.

If you modify MFC in any way (not recommended), then you must rename the MFC DLL so that it will not conflict with the MFC DLL that might be installed by other MFC applications on your user's system. For more information, see MFC Tech Note 33.

For information on redistributing the MFC foreign language shared resource DLLs, please refer to MFC Tech Note 57, "Localization of MFC Components " in the *Visual C++ Books Online*.

ODBC Files:

_bootstp.exe	Used by ODBC setup
_mssetup.exe	MS-DOS Utility -- updates files locked by Windows
_mssetup.ex_12520437.cpx	Compressed version of _mssetup.exe
12520850.cpx	Code page translator
acmsetup.exe	Code page translator
acmsetup.hlp	Windows ACME setup
ctl3d32.dll	Windows ACME setup help file
ctl3dnt.dll	3D controls support--Windows NT(required by ODBC setup)
ctl3d95.dll	Windows NT 3-D controls (required by ODBC setup)
dbnmpntw.dll	Windows 95 3-D controls (required by ODBC setup)
drvssrvr.hlp	32-bit SQL Server driver file
ds16gt.dll	32-bit SQL Server driver file
ds32gt.dll	Generic thunk DLL 16-bit
instcat.sql	Generic thunk DLL 32-bit
mscpxl32.dll	SQL server stored procedures
msjint32.dll	ODBC code page translator
msjter32.dll	ODBC Error DLL
msjt3032.dll	ODBC Error DLL
mstp3032.dll	ODBC Desktop Database driver DLL
mstx3032.dll	ODBC Paradox ISAM
msvcrt20.DLL	ODBC Text ISAM
msxb3032.dll	Used by ODBC setup
msxl3032.dll	ODBC dBase and FoxPro ISAM
msrd2x32.dll	ODBC Excel ISAM
mssetup.dll	Installable ISAM for Access data
odbc.inf	Setup toolkit DLL
odbc16gt.dll	File list for the ODBC installer
odbc32gt.dll	Generic thunk DLL 16-bit
odbc32.dll	Generic thunk DLL 32-bit
odbcad32.exe	32-bit ODBC driver manager
odbccp32.dll	32-bit ODBC Administrator
odbccp32.cpl	32-bit ODBC installer/administrator
odbccr32.dll	32-bit ODBC control panel component
odbcddp.stf	32-bit ODBC cursor library
	Use when using ODBC setup as standalone setup

odbcinst.cnt	Content file created when you use the .hlp file
odbcinst.hlp	ODBC 2.5 installer help file
odbcint.dll	Used by the installer and driver manager
odbcjet.cnt	Content file created when you use the .hlp file
odbcjet.hlp	ODBC desktop database driver help
odbcji32.dll	Localizable strings for Desktop Database Drivers
odbcjt32.dll	ODBC desktop database driver DLL
odbcjtnw.cnt	Used by the desktop database drivers
odbcjtnw.hlp	What's New in Desktop Driver Pack
odbckey.inf	Control file for desktop database driver setup
odbcstf.dll	Custom actions DLL for ACME setup
odbcctl32.dll	ODBC Desktop Database Driver DLL
oddbse32.dll	ODBC DBase driver
odexl32.dll	ODBC Excel driver
odfox32.dll	ODBC FoxPro driver
odpdx32.dll	ODBC Paradox driver
odtext32.dll	ODBC Text driver
orstub32.dll	Required for proper 32-bit Oracle driver setup
readme25.txt	ODBC 2.5 release notes
setup.exe	ODBC setup (run after MSDEV 4.0 setup)
setup.ini	Use when using ODBC setup as standalone setup
setup.lst	ODBC setup (same as setup.exe)
setup.tdf	Use when using ODBC setup as standalone setup
sqlsrv32.dll	32-bit SQL Server driver file
vcodbc.inf	(Do Not Redistribute)
ven2132.olb	VBA Type library
vsorac32.dll	32-bit Visigenic Oracle driver
vbajet32.dll	VBA database engine
vbar2132.dll	VBA DLL

Use the ODBC Installer DLL to install the ODBC files on your user's system from your application's setup program. The redistributable files include the ODBC Driver Manager and the various ODBC drivers included in \MSDEV\REDIST directory.

For information on using the ODBC Installer DLL, and other important information about installing ODBC files, see Chapter 19, "Installing ODBC Software" under Part 4, Installing and Configuring ODBC Software in the Programmer's Reference in the SDK, ODBC SDK 2.10 section of Visual C++ Books Online.

DAO Files

disk1.id	Setup Components for DAO
coredao.1	Compressed files for Core DAO/Jet components
coredao.2	Compressed files for Core DAO/Jet components
jetisam.z	Compressed files for external Jet ISAMs
setup.exe	Setup components for DAO
setup.ins	Setup components for DAO
setup.pkg	Setup components for DAO
setup.iss	Setup components for DAO
uninst.exe	Setup components for DAO
_setup.dll	Setup components for DAO
_setup.lib	Setup components for DAO

For more information on installing and configuring DAO, please refer to the file DAOSETUP.RTF in the directory DAOSDK30\SETUP once you have installed the DAOSDK.

For the most up-to-date information about distributing DAO with your application, see article Q143292, "Information on Redistributing DAO Components with DAO Apps", in the Microsoft Developer Knowledgebase. You can get to the Knowledgebase by going to <http://www.microsoft.com/kb>. Type "Q143292" in the search string.

OCX Files

anibtn32.ocx	Animated button control
keysta32.ocx	Key Status Control
mci32.ocx	Multimedia MCI Control
mscomm32.ocx	Communications Control
msmask32.ocx	Masked Edit
grid32.ocx	Grid Control
picclp32.ocx	Picture Clip Control

For more information about how to ship and install OLE controls with your application, please refer to "OLE Controls: Distributing OLE Controls" in the book Programming with MFC Encyclopedia in Visual C++ Books Online.

General Redistribution Information

Shipping Win32s with your Win32 application

The information on how to ship and install Win32s with your Win32 application is contained in the Visual C++ Books Online in the SDK, Win32 SDK, Win32s section. Please read and follow the instructions in the chapter "Shipping Win32s with Win32 Applications."

Version Checking of Redistributable Files

Because other applications may redistribute earlier or later versions of the same files as redistributed with your application, it is important that you install newer versions of the files on top of older versions on your user's system, but not older versions on top of new versions. Typically, version checking is the responsibility of your setup program. If you do not have a setup program for your main application, then you must accomplish the version checking manually when installing the redistributable files on your user's system.

The programmatic technique for version checking varies, depending on which category of file you are redistributing. In each of the following sections, the version checking technique is described for each category of files. Briefly, the version checking techniques are as follows:

1. For the MFC DLLs, use the standard version checking APIs available as a standard part of the Win32 API. The Win32 version checking APIs are beyond the scope of this article.
2. For the ODBC files, see Part 4, Installing and Configuring ODBC Software, in the Programmer's Reference, in the SDK, ODBC SDK 2.10 section of the Visual C++ Books Online.

Compatibility with Windows 95

For information on making your application Windows 95 compliant, please refer to the section "Adding Windows 95 Compliance" in the "Tutorials" section of the Visual C++ Books Online.