

ASPIINST.EXE

Rev 1.0

Aspiinst.exe is a Win32 based application that can either be ran from the RUN option in the Start menu or from a Command Prompt dialog box. It will not execute from an MS-DOS only environment.

Requirements:

The installation files must be present in the same directory as the installation utility in order to begin the installation correctly. The installation files are compressed so the file extension will end with an underscore. Before any modifications are made to the system, the utility will check if the correct installation files are present before proceeding. If not, the utility will exit and display a dialog box indicating which files are missing for the particular operating system being used.

The following files should be present for each operating system:

Windows 98 / ME	ver	Windows NT 4.0	ver	Windows 2000	ver	Windows XP	ver
WNASPI46.DL_	4.71	WNASPI32.DL_	4.71	WNASPI2K.DL_	4.71	ASPIXP.SYS (32-bit)	4.71
APIX46.VX_	4.71	ASPI32.SY_	4.71	ASPI2K.SY_	4.71	WNASPIXP.DLL (32-bit)	4.71
		WINASPI.DL_	4.60	WINASPI.DL_	4.60	ASPI64.SYS (64-bit)	4.70.8
		WOWPOST.EX_	4.60	WOWPOST.EX_	4.60	WNASPI64.DLL (64-bit)	4.70.8

**Windows 3.1 / 95 not supported*

The following command line options are available for use. They are case insensitive; there is no specific order; and no limitation on the number of options that may be specified.

FORCE
current

This option allows the utility to force an upgrade whether the file installed on the operating system is older or a previous version.

SILENT This option suppresses the dialog boxes that would normally be displayed during an installation. It will allow for debug dialog boxes to be displayed if the **DEBUG** option is specified.

DEBUG This option will allow for debug dialog boxes to be displayed during an installation. This includes dialog boxes displayed as a result of operating system errors and internal installation errors from the utility.

VERSION When this option is specified all other options will be ignored. It will display the version of the utility and exit. There will be no modifications to the system.

(e.g. **aspiinst.exe debug silent force**)

Status Codes Returned From ASPIINST.EXE

Status Codes	Value	Description
DISPLAY_COMMAND_LINE_OPTIONS	0x02	Display command line options
DISPLAY_UTILITY_VERSION	0x03	Display version of installation utility
UPG_ERROR_MODULE_PATH_PARSE	0x04	Error encountered while parsing path
UPG_SUCCESS_UPGRADE_REBOOT_NEEDED	0x07	Installation complete, reboot needed
UPG_ERROR_COPY_RUNNING	0x09	Copy of ASPIINST.EXE all ready running
UPG_ERROR_UPGRADE_CANCELLED	0x0A	Upgrade/Installation cancelled
UPG_ERROR_CURRENT_PATH	0x0B	Error obtaining ASPIINST.EXE path
UPG_ERROR_WINDOWS_PATH	0x0C	Error obtaining Windows path
UPG_ERROR_SYSTEM_PATH	0x0D	Error obtaining Windows System path
UPG_ERROR_GET_CUR_DIR	0x0E	Error obtaining installation file path

UPG_ERROR_SET_CUR_DIR	0x0F	Error setting current working directory to installation / original file path
UPG_ERROR_MISSING_FILE	0x10	Missing a required installation file for the current operating system
UPG_ERROR_CREATEFILE	0x11	Could not open file handle to either source/destination file
UPG_ERROR_COPYFILE	0x12	Could not expand/copy source file to destination file
UPG_ERROR_DELETEFILE	0x13	Error occurred while removing a file
UPG_ERROR_DELETE_KEY	0x14	Unable to delete registry key
UPG_ERROR_NO_MEMORY	0x16	Unable to allocate memory for file version checking
UPG_ERROR_INTERNAL	0x18	Internal error in updating ASPI
UPG_ERROR_BAD_PLATFORM	0x19	Invalid/Unsupported operating system e.g. Windows 3.1
UPG_ADJUSTTOKENPRIVILEGES	0x1C	Error adjusting user's privileges
UPG_ERROR_EXITWINDOWSEX	0x20	Exiting windows
UPG_ERROR_OPENPROCESSTOKEN	0x25	Error accessing user's privileges
UPG_ERROR_REGCREATEKEY	0x26	Error creating registry key for ASPI32
UPG_ERROR_REGSETVALUEEX	0x27	Error setting registry value under ASPI32

*NOTE : Status codes are subject to addition, modifications, or deletions.

**NOTE : Invalid command line options will not be processed so no error code is defined for such a case.