Instruction for use of DXInstall, installer for DirectX

DXInstall was created to install the DirectX components included with Microsoft DirectX 3 October '96 release. DXInstall needs the following DLLs to run: DSETUP.DLL, DSETUP6E.DLL, DSETUP6J.DLL, DSETUPE.DLL, AND DSETUPJ.DLL.

The configurable options and parameters to DXInstall are:
> The DirectX components to install;
> Path to the DirectX files to install;
> Whether or not to prompt the user to Reboot (restart Windows);
> Whether or not to force a re-install over the same version of DirectX;
> Whether or not Direct3D is required to run the application.

DXInst.exe can be renamed. At startup, it looks for a configuration file in the directory it is running from, with the same name as the executable but with ".ini" as the extension.

Default behavior has been set for all options, so that DXInstall can be used without specifying any parameters. Parameters can be specified in a configuration file and on the command line. Configuration file parameters take precedence over the defaults, and command line parameters take precedence over both config file and default parameters.

The setup program launching the DirectX installer should ensure that there is at least 5MB of space available on the user's system.

Options
DirectX components
> Any combination of the following components can be installed:
> DirectSound
> DirectSound device drivers
> DirectDraw
> DirectDraw device drivers
> DirectPlay
> DirectPlay service providers
> DirectVideo
> Direct3D
> DirectInput

In addition, flags can be set to prompt before replacing display and audio drivers, or to restore display and audio drivers.

> **Default:** Install all DirectX components, do not prompt before replacing drivers.

> **To specify in INI:**
> In [Install Components] section, use one or more of the following keys, and set the value to 'T', 't', or '1'.
> Alternatively, set the value for the key "All" to 'T', 't', or '1'.
> DirectDraw
> DirectSound
> DirectPlay
> DirectVideo
> DirectDraw_Drivers
> DirectSound_Drivers
> DirectPlay_Providers
> Direct3D

DirectInput
PromptForDrivers
RestoreDrivers
DirectXSetup

To specify on command line:
Specify the options desired (see above) in a comma separated list (e.g.
"DirectSound,DirectPlay,Direct3D"). Alternatively, specify "All".

Note that Microsoft recommends installing all components, the reason
given is that file sharing is used to such an extent that space savings
are minimal for anything less than a full installation.

Path to DirectX files
Default: Look for the subdirectory "Directx" under the current
directory.

To specify in INI:
In [Install Components] section, set the value for the key "PathRoot" to
point to the parent directory of the DirectX files:
PathRoot=D:\SomeDir\DirectX

To specify on command line:
Use the -p switch: DXInst -pD:\SomeDir\DirectX

Reboot
Default: Prompt the user to reboot after a successful installation.

To specify in INI:
In [Process Control] section, set the key "Reboot" to 'T', 't', or '1'
to enable Reboot, or to 'F', 'f', or '0' to disable Reboot.

To specify on command line:
Use the -r switch with 'T' to enable or 'F' to disable: DXInst -rF

If the user agrees, ExitWindowsEx(EWX_REBOOT, 0) is
called to restart windows. This does not guarantee a reboot, because
any other program that is running can cancel the function call.

Example Configuration file for DirectX Install

```
; Config file for DXInst.exe
; This file must have the same name as the exe file, with .ini extension
[Install Components]
DirectSound=1
DirectDraw=1
DirectVideo=1
; to install all components, remove the above lines and uncomment the one below
;All=1
PathRoot=d:\dxsdk\redist

[Process Control]
Reboot=t
```

Command line summary for DirectX Install

dxinst.exe [-p<Path>] [-r<T> or <F>]
 [[all] or [directsound][,directplay][,directvideo][,directdraw][,direct3d]]

Example: dxinst -pD:\dxsdk\redist -rT DirectSound, DirectDraw
The above line will install the DirectSound and DirectDraw components, looking for the files in d:\dxsdk\ redist, and prompt the user to reboot after installation.