

Microsoft® DirectX™ 3

ffffffŠ”fff

„ffffff,‘ ,,,, •, — ,,,• ,,,,,, , , •,%Ž– –
,,,f f,“ ,‘ ,,,,,,Œ,%<,,,,, ,ffffff,‘•,,^, Microsoft Corporation, –,,<%
,,, ““ Š“ ,,,,,•Ž •–,,• “ ,,,,,,
Microsoft , ,ffffff,‘ ,,,, ffff fff,“<,,, ’“• ’ Œ ,,’“ –Œ,•Ž,,,
„ffffff, Microsoft , –,,<%o,,, “< • ’ Œ ,,’“ –Œ,%o,—,,,,,,

©1996 Microsoft Corporation. All rights reserved.

Microsoft ActiveMovie Direct3D DirectDraw DirectInput DirectPlay DirectSound
DirectX MS-DOS Win32 Windows ,,,Windows NT, • Microsoft
Corporation,• ,,,,‘ ,,,, •,,,

,,‘ , •–,%Ž–,ŠŽ, •,,,

‘ 7 □

DirectSetup

DirectSetup ,,,.....
DirectSetup,Š—.....
 DirectXSetupŠ□,Ž—.....
 DirectX *ffff fff,ffff f* ”.....
 AutoPlay,%o“.....
DirectSetup *ffffff*.....
Š□.....
 □“.....
 •’.....

DirectSetup ,,,

DirectSetup, □ Š',ffff□fff□ffffffff□fff□ff□f(API,□□□□□□□□□□
DirectX™ 3,fff□fff,ffff□f,,□DirectX 3,•Ž,fffff Ɔ ffff□f□•Ž,□<□□□□
□□□□□□ DirectX 3,Ž□<,ffff□f □□□□□□□□□□
,,,□DirectSetup □□□□□□□□□DirectPlayLobbyffffff,—,ffff□fff,□□□
fffff□•,Ž""',ffff□f □□□□,,fffff□•,□DirectPlayLobbyffffff □
ffff□fff,<“,□,•—,,,□
DirectSetup,□□,APIŠ□,“,,,,□,,,ffff□fffŠ"Ž,,,—%o,,,□□□,,,,□,,ŒŠ,□□□
□DirectXDeviceDriverSetup,□DirectXffff□
ffff,ffff□f,,,,,□,,,,,,□,,fffff,,Œ<,,,□

DirectSetup,Š—

,,fffff □,□DirectSetup,fff□fff,Š,,^“„□•□□□□□
 DirectXSetupŠ ,Ž—
 DirectXffff fff,ffff f ”
 AutoPlay,%o“

DirectXSetupŠ□,Ž—

DirectX^,^,,,ffff□fff,,f□f,□的ffff□fff□fff,のffff□f,%,,,ffff□f,,□の
DirectXSetup APIŠ□□□□□□,Š□,□DirectX(□—□□□□)□□□□DirectX □□□□
□□□□**DirectXSetup**,□ffff,“•,,,Dsetup.dll □ Šffff□fff,□□□□□□□
□DirectSetup,□Є □,Dsetup.h,□□□

DirectXSetup,□□□□ ffff□fff,□\Redist\Directx\fffff,“—
,,,,□Redist\fffff,“—,□□
,,,,,,,□**DirectXSetup**,,,DirectDraw®,,,,^,DirectXfff□fff,ffff□f,,,□,,,□□□□
□□□□□□□ DirectXfff□fff,‘Є’□,,,□Є,,,,,,,□□□□ ff□f の—□□□□□□
,,,,□DirectXfff□fff,□□□□—,□□,□□□□□□□□□□ DirectX“の,,,,,,,□

DirectX *ffff* *fff,ffff* *f*

□□□□□□□□ DirectX のの DirectX のの 3 つ ffffff,□□,□
 ffff□fff,'ffff,,•%o,,,DirectXfff□fff,,,ffffff,'□Z□,,,ffff,□-,□
 • fffffff ffffff,
 • ffff fff fffffff,ffffff

4 Ž —

5

ffff□*fff*□*ffffff*,*ffffff*

□□□□□□□□□□□□□□,ffffff,,,,,□Ž,ffff,Ž□□□□□□

2 „Ž —ffffff ffff,ffff fff fffffff,f f,ff „,

“□, f f f f , , , , f □ f f f f f f □ f f f f □ f f f f f f f , f f □ , , , , □ , □

```

.                <DIR>          96-07-26   6:43  .
..               <DIR>          96-07-26   6:43  ..
DIRECTX          <DIR>          96-07-26   6:43  directx
DSETUP   DLL     22,016         96-07-26   4:38  dsetup.dll
DSETUP6E DLL     36,224         96-07-26   4:38  dsetup6e.dll

```

```

DSETUP6J DLL          36,224  96-07-26  4:38  dsetup6j.dll
DSETUPE DLL           42,496  96-07-26  4:38  dsetupe.dll
DSETUPJ DLL           42,496  96-07-26  4:38  dsetupj.dll
DINSTALL DLL          168,960  96-07-26  4:38  dinstall.dll
YOURFILE EXE           96,442  96-07-26  4:39  yourfile.exe
YOURFILE DAT          1,508,228  96-07-26  4:39  yourfile.dat
...

```

AutoPlay,%o“

```

AutoPlayffffffffffff,□□□□□□□□DirectX 3 SDKffffffffffff,f□f□
ffffffff,,Autorun.infffff,Œ□,□□□□□□□□□□□□□□□□
,f□f,ff□,,□,,ffffffff,^%o,,,□,Š,,,□

```

```

[autorun]
OPEN=SETUP.EXE

```

```

ffff□fff,□□□□□□□□□□□□—,Setup.exe,,,□,,ffff,•□,,•—,,,□,,^Š,□□,□
„ffff,•□,□Œ□,□□□□□□□□□□□□□—
,“,,,,,,,□Autorun.infffff,Š,,□□,□•,,,,,□Autorun.infffff,Ž□,,,□

```

DirectSetup ffffff

Š□

DirectXRegisterApplication

```

int WINAPI DirectXRegisterApplication(HWND hWnd,
    LPDIRECTXREGISTERAPP lpDXRegApp);

```

```

ISVf□f,DirectPlayLobby,—,□□,ffff□fff,,“~,□

```

```

•      ,Ž ,,,,TRUE , ,,,,,,FALSE,•, FALSE,•,,,GetLastError,,,Win32,Š ,Ž
—,,,Š’ff    •,“,,,,,,

```

```

hWnd

```

```

fffff,fffff ,fff f,NULL,,,,,, ffffff, ffffff,,

```

```

lpDXRegApp

```

```

fffff ffff,Š,DIRECTXREGISTERAPP “,ffff

```

DirectXSetup

```
int WINAPI DirectXSetup(HWND hWnd, LPSTR lpszRootPath,
    DWORD dwFlags);
```

□□□□□□□□^□,DirectXfff□fff,fff□f,,□

- ,Ž ,,,,SUCCESS,•, ,,,,,,ff ,•, •'f f,fff,,,,, DirectXSetup,•',Ž ,,,,

hWnd

ffffffffffffffff, ffff,ffff

lpszRootPath

DirectXfff ffffffff,f fff,Š,•Ž—,ffff ,•Ž—
, Dsetup.dllffff,Š,fffffff,,ffff,Ž',,,,,,,(' ,Redist) ffff ffffffff,Dsetup.
dll,,,Directxfffffff,Š,,,,,,Š,,,,, ,fff f,NULL,,,

dwFlags

.,DirectXfff fff,ffff f,,,,Ž, ,,,,,,^ ,fff “,ffff f,,(DSETUP_DIRE
CTX),,, ,,

DSETUP_3D	Direct3D™,ffff f,,
DSETUP_DDRA	DirectDraw,ffff f,,
DSETUP_DDRAWD	DirectDrawffff ffff,ffff f,,
DSETUP_DINPUT	DirectInput™,ffff f,,
DSETUP_DIRECTX	,,,DirectX fff fff,ffff f,,
DSETUP_DIRECTXSETUP	DirectXSetup DLL,ffff f,,
DSETUP_DPLAY	DirectPlay®,ffff f,,
DSETUP_DPLAYSP	DirectPlayf ff fffff,ffff f,,

DSETUP_DSOUND	DirectSound®,ffff f,,
DSETUP_DSOUNDDRV	DirectSoundffff ffff,ffff f,,

DSETUP_DVIDEO	DirectVideo,ffff f,,
DSETUP_PROMPTFORDRIVERS	ffffff,,f fff ffff ffff,'Š,, 'Š", ,
DSETUP_RESTOREDRIVERS	ffffff,,f fff ffff,•Œ,,

□□□□□□□□□□□□,DirectXSetup,□□□□',□f□f,ffff,□'5 MB,<,ffff—
,,,,,Š"□□□□□□,"□,ffff,ffffff,DirectX,•—,,□',—,,(□□□
f□f,ffff,DirectXfff,.,,,'□,,□□,□□)□



DIRECTXREGISTERAPP

```
typedef struct _DIRECTXREGISTERAPP {
    DWORD dwSize;
    DWORD dwFlags;
    LPSTR lpszApplicationName;
    LPGUID lpGUID;
    LPSTR lpszFilename;
    LPSTR lpszCommandLine;
    LPSTR lpszPath;
    LPSTR lpszCurrentDirectory;
} DIRECTXREGISTERAPP, *PDIRECTXREGISTERAPP, *LPDIRECTXREGISTERAPP;
```

DirectPlayLobby □□□,„ffff□fff,•—,□□□□□□□□□□,Ž □□

dwSize

“,fff

dwFlags

—,Ž—,,,—,.,.,.

lpszApplicationName

ffff fff,—

lpGUID

ffff fff,ff ff ff fŽ•Ž(GUID)

lpszFilename

Œ, ,,Ž ffff,—

lpszCommandLine

Ž ffff,„ffffff,^

lpszPath

Ž ffff,ff

lpszCurrentDirectory

ffff fffffff,Ž, ’ ,lpszPath ,“,

•’

DirectXSetupŠ□,^%,’,□□□

DSETUPERR_BADSOURCE SIZE

ffffff,Œ ,.,.,.,. Œ,.,.,.,.

DSETUPERR_BADSOURCE TIME

ffff,“•,,Ž ,Œ ,.,.,.,. Œ,.,.,.,.

DSETUPERR_BADWINDOWSVERSION

DirectX,,f fff,Windows,ff f,,,,

DSETUPERR_CANTFINDDIR

ffffff fffff, <ffffff,' , ,,,,

DSETUPERR_CANTFINDINF

•—, .inf ffff,' , ,,,,

DSETUPERR_INTERNAL

“•ff ,<,,

DSETUPERR_NOCOPY

ffff,f fff,Œ ,,,,,, Œ,,,,,

DSETUPERR_NOTPREINSTALLEDONNT

ffff,Windows NT,f fff,,DirectX 3fff fff,^ ffff f,,,,,

DSETUPERR_OUTOFDISKSPACE

ffff f',ffffff fffff,ffff—,Ž,%o,,,

DSETUPERR_SOURCEFILENOTFOUND

•—,f fffff,,,,,,,,', ,,,,

DSETUPERR_UNKNOWNOS

ff f,,,,,f fff,OS,,,

DSETUPERR_USERHITCANCEL

ffff fff,Š‘,ffff f,,‘, Cancelfff,%o,,,

SUCCESS

ffffff, — <“,•—,,,,, 0,•,,,

ffffff, — <“,•—,,,,, 1,•,,,