

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,—,,,,,,

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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□ffffff□fff□f□f(API,□□□□□□□□□□
DirectX™ 3,fff□fff,fff□f,,□DirectX 3,•Ž,ffff□ Ɔ ffff□f □•Ž,□□□□□
□□□□□□ DirectX 3,Ž□<,fff□f □□□□□□□□□□
,,,□DirectSetup □□□□□□□□□DirectPlayLobbyfffff,—,ffff□fff,□□□
ffff□•Ž“,ffff□f □□□□,ffff□•,□DirectPlayLobbyfffff □
ffff□fff,<“,□,•—,,,□
DirectSetup,□□,APIŠ□,“,,,,□,,,ffff□fffŠ”Ž,,,,—%o,,□□□,□,,,□,•Š,□□□
□DirectXDeviceDriverSetup,□DirectXffff□
ffff,ffff□f,,,,,□,,,,,□,,fffff,,Ɖ<,,,□

DirectSetup,Š—

```

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

```

DirectXSetupŠ□,Ž—

DirectX, ^,,,ffff□fff,,f□f, □の ffff□fff□fff, ∅ ffff□f,%,,,ffff□f,,□の
DirectX Setup API\$ □□□□□□, \$□, □ DirectX の(●—□□□□)□□□□ DirectX □□□□
□□□□ **DirectXSetup**, □ fffff, “•,,, Dsetup.dll □ Šffff□fff, □□□□□□□
□ DirectSetup, □ ☒ □, Dsetup.h, □□□

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

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

□□□□□□□□ DirectX のの DirectX のの 3 ♪ ffffff,□□,□
 ffff□fff,'ffff,,,%o,,DirectXfff□fff,,ffffff,'□Z□,,,ffff,□-,□
 • ffffff 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 „,

“□,ffff,,,f□ffffff□fff□ffffff,ff□,,,□,□

```

.          <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,☒□,□□□□□□□□□□□□□□□□
,f□f,ff□,,□,,ffffffffffff,,^%o,,,□,Š,,,□

```

```

[autorun]
OPEN=SETUP.EXE

```

```

ffff□fff,□□□□□□□□□□□□□□—,Setup.exe,,,□,,ffff,•□,,•—,,,□,,^Š,□□,□
„ffff,•□,☒☒,□□□□□□□□□□□□□□—
,“,,,,,,,□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,,,,,, fffffff, 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,ffffff,,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_DDRAWM	DirectDraw,ffff f,,
DSETUP_DDRAWDRAW	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 ffff, <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 ffff,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,•,,