

Microsoft® DirectX™ 3

ffffffŠ”fff

„ffffff, < ,,,, •, — ,,,• ,,,,,,, , , •,%Ž- -
,,,f f, < ,,,,„E,%<,,,,, ,ffffff,‘•,,^, Microsoft Corporation, —,,%
,,, ““ Š“ ,,,,•Ž •-,,• “ ,,,,,,
Microsoft , ,ffffff,< ,,,, ffff fff,“<,,, ’“• ’ E ,,,’“ —E,•Ž,,,
„ffffff, Microsoft , —,,%o,,, “< • ’ E ,,,’“ —E,%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,%“.....
- DirectSetup *ffffff*.....
- Š□.....
 - “.....
 - ’.....


```

ffffff ffffff, □□
,,SDK,"*,,,,,,□□□□□□□□□□□□□□□□□□, —
,,,□\Dxsdk\Sdk\Samples\Setupffffff,,Dinstall □□□□□□□□□□□□□□□□□□□□
Rockem,,□□□□□□□□□□,",,,ffffff,Ⓚ DirectXSetupŠ□,□□□□□□□□□□□□
□□□□□

```

```

^%o,fff,,□Ⓚ□ ,,,,Dinstall.cffffff,□□,•—,Ž,□

```

```

1 ffff,Dinstall.c,Š,
2

```

```

f f,ffff ,ffff f,,ffff fff,ffff fff,'<,,, f f,—,,,,,Dinstall.cffff
,,,fff, ,,,, Ócopy_listÓ,Œ , , “,’ ,ffff fff,f f—
,ffff fff,• ,
Dinstall,ffffff fffffff,ffff,ffff f,, ffff fff,ffff,fffffffff,ffff f,,
, Dinstall.c, ,

```

```

3 Dinstall.cfffff, ffff fff, ,ffff f,,, •,f fffff,<,—
,,,,,,”,,, , f f,,f f,—,,,,<”,•%o,,,,,,, ,f f,—
,, ,Dinstall.cffff,2%o ,,, ,ÓIND_DISK_MSGÓ,Œ ,,’,,,,,,

```

```

4 DirectXSetup,lpzRootPath
fff f, ”•“ ,Dsetup*.dllffff(Dsetup.dll Dsetup6e.dll Dsetup6j.dll Dsetup
e.dll,,Dsetupj.dll),,DirectXffffff,ff,Ž?, “,—
,,Œ, ,,,ffffffffffff ,,,,ffffff,Ž —
(ffffŒ)Dinstall,“,ffffff,,,,,,, ,,,,,,ffff,,ffffff,“,ffffff,‘ , , lp
szRootPathfff f,’NULL,,, ,,,, ffff fff,f f,ffffffffff,,,,ffff ffff
,ffff,^“,, ,ff,•,,, DirectXSetup, ,”,,,,,,
,,, Dinstall.exe Dsetup*.dll,,Directxffffff, fff’Š,Š,D:
\Funstuff,,ffff fff fffffff,%,’,, ,,,, ffff,ffffffffff , ,•,, , ,,,,ff
ff,f f,’,%o’,, lpzRootPath
fff f,Ó\FUNSTUFFÓ,fff,,,,, fffffffffff,,ffffff fffff(Dinstall.exe)
, ,<”,,, ,,,lpzRootPath fff f,NULL,fff,,,,, —
•,ffffff fffff,<”,, ,,,, Dsetup*.dll,,Directxffffff,,ff,ffff fffff,‘
,,,,,,
Dinstall.exe,,ffffff~Š, ,Dsetup*.dllffff,,Directxffffff,, DirectXS
etup, ,fff f,“, Dsetup.dll, ,ffff f,•—,, DirectXSetup,lpzRootPath
fff f,,Dsetup.dll,ffff,Š,,,,,,, ,,, LoadLibrary,,GetProcAddress,,Wi
n32@,Š ,ffffff fffff,—,, Dsetup.dll,^’,,,,,,,

```

```

ffffff□ffffffffff,—,□Dinstall.rcff□f□ffff,—,,,f□f,,,□□□□□□
□ffff□fff,—□,ffffff,•Ž,,,□,□□□□□□□□□□,“^%o,•□,□,□

```

```

1 ffff,Dinstall.rc,Š,
2 ffff,Š,,,,,ÓRockemÓ,Œ , Œ ,ffff fff,—• ,
3

```


| | | | | |
|--------------|-----------|----------|------|--------------|
| 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“

AutoPlayffffffffff,□□□□□□□□DirectX 3 SDKffffffffff,f□f□
 ffffff,,Autorun.inffffff,☉□,□□□□□□□□□□□□□□□□
 ,f□f,ff□,,□,,ffffffffff,^%o,,,□•Š,,,□

```
[autorun]
OPEN=SETUP.EXE
```

ffff□fff,□□□□□□□□□□□□□□□□-Setup.exe,,,,□,,fff,•□,,•—,,,□,,^Š,□□,□
 ,,fff,•□,☉□,□□□□□□□□□□□□□□□□-
 ,“,,,,,,□Autorun.inffffff,Š,,□□,□•,,,,,□Autorun.inffffff,Ž□,,,,□

DirectSetup ffffff

Š□

DirectXRegisterApplication

```
int WINAPI DirectXRegisterApplication(HWND hWnd,
    LPDIRECTXREGISTERAPP lpDXRegApp);
```

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

- Ž ,,,TRUE , ,,,,,,FALSE,• FALSE,•,,,GetLastError,,,Win32,Š ,Ž
 —,,Š'ff •“,,,,,,

hWnd

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

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_D3D | Direct3D™,ffff f,, |
| DSETUP_DDRAW | DirectDraw,ffff f,, |
| DSETUP_DDRAWDRV | 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,•€,, |

```
□□□□□□□□□□□□□□,DirectXSetup,□□□□',□f□f,fff,□'5 MB,<,fff—  
,,,,,Š”□□□□□□,,,“□,ffff,fffffff,,,,DirectX,•—,,□',——,,(□□□  
f□f,fff,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 □□□,fff□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 ffffff,Ž, ’ ,lpszPath ,“,

•’

DirectXSetupŠ□,^%o,‘,□□□

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,Ĉ ,,,,,, Ĉ,,,,,

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,•,,