Microsoft(DirectX(3
ƒƒƒƒƒƒŠ"ƒƒƒ

,,ƒƒƒƒƒƒ‹□,,,,,□•,□—

n, −,,,‹‰,,,, "‹" ‹Š",,,,,,•Ž •−,,,•   "',,,,,,,,,
Microsoft , ,,ƒƒƒƒƒƒ‹ ,,,,, ƒƒƒƒ ƒƒƒ,"‹,,,,   ',"‹   • ' Œ ,,‚,'" —
Œ,•Ž,,,,   ,,ƒƒƒƒƒƒ, Microsoft , −,,,‹‰,,,, "‹   • ' Œ ,,‚,'" —Œ,‹‰,—
,,,,,,,,

'8
AutoPlay
µŠ— §
AutoPlay,,,, §
AutoPlay," ,,,, §
Autorun.inf *ffff* §
AutoPlay *ffff fff, , ,,fffff* §
AutoPlay,— ,, §
MS-DOS ,", *ffff fff*,',,AutoPlay §
ffffff §

ffff §

Š—

AutoPlay,,,,

Microsoft® AutoPlay   Microsoft Windows®   の
 AutoPlay   Windows のの(CD)   AutoPlay の Windows の CD-ROM   AutoPlay の

Autoplay   MS-DOS®   Windows 3.0
Windows 3.1   Windows 95   Windows NT®の CD-ROM
Windows の CD-ROM   Microsoft Windows 95 のAutoPlay

MS-DOS   Windows 95 のの Windows   Windows NT   3.51
の の AutoPlay   AutoPlay   CD のの

AutoPlay の

AutoPlay のの

• Windows 95   Windows NT の 32   CD-ROM
の CD   CD-ROM   MS-DOS のの
Windows の

,ffff," • CD の Autorun.inf   Windows 95   Windows NT の
         CD-ROM
,,, *ffff*,',,,*ffff*,PC,*ffffffff*,' ,,,,,,,,*ffff*,, ' ,,   ,, *ffff*,Autorun.inf,,
,− ,*ffff*,', ,,*ffff*,AutoPlay,Ž ,,*ffff ff f*,Ž', ,,,', •,,•—
,,,,,,,, ,,*ffff*,   ,,,,, Autorun.inf*ffff*,Ž ,,,,

•

CD□,*ff*□*ffff*□*ffff*□*fff*□Autorun.inf*ffff*,Ž',,,*ffff*□,"ˆ,*ffff*□*fff*,‹",,,,
ˆ""',,‹",,,*ffff*□*f*‹",Ž□,,□□,,□,,*ff*□*ffff*□*fff*
fff,Ž,,□□•,*ffff*□*f*□*ffffff*□*f*,,,Ž□*f*

Autorun.inf

Autorun.inf   CD の
  ,,,*ffffffff*,,, ,,*ffff*,, *ffff*,,*ff ffff ffff fff ffff*,CD-
  ROM*ffff*,‴,,,Ž"",‶ ,,*ffff fff* ,−
   , Windows*f f fff ffff*,,,,AutoPlay" ‰",CD,,,,,,Ž,*ffff*,Š,,, ,,A
  utorun.inf*ffff*,, *ff ffff fff* ,‰
  ,,,*fffff*,*fff ffff*,Š,,,,, ,,*ff ffff fff* , CD-
  ROM*ffff*,*fff*,‰*ffff*,,,•Ž,,,

Autorun.inf*fffff*,, ',,3 ,*ffff*,Š,, *ff* *ffff* *ffff* *fff*,,,*ffff*,Ž•,, ˆ‰,—
,Ž,

```
[autorun]
open=filename.exe
icon=filename.ico
```

[autorun] *fffff*, ,,,', ,AutoPlay*ffff*,,,Ž•,, [autorun]
fffff,,,,,Autorun.inf*ffff*,•—,,,
open*ffff*,*ff* *ffff* *ffff* *fff*,*ff*,,,*ffff*−,Ž',
icon*ffff*,*ffff* •,Š,*ffff*,Ž',,
Autorun.inf*ffff*, RISC*fffff* ,“ ,,,,Windows NT 4.0,*f* *fffff*“—
,*fffff*,Š,,,,,,,, ,,,,,, ,,,,,*fff*,*fffff* *f* *fffff*,,,,, ,,*f* *fffff*,Ž ,,,*ff*
ffff *ffff* *fff*,*ffff*−,Š,Autorun.inf*ffff*,*fffff*,‰
,, x86*f* *fffff*,, • [autorun] ,—
,, MIPS*f* *fffff* ,*ffff* *fff*,Ž ,, ,, [autorun.mips]
Alpha*f* *fffff* ,*ffff* *fff*,, [autorun.alpha]
PowerPC*f* *fffff*,, [autorun.ppc] ,—
,, *ffff* *f* *f* *fffff*,,,ˆ,,*ff* *ffff* *ffff* *fff*,Ž ,,*Autorun.inffffff*, −
,—, ˆ‰,Ž,

```
[autorun]
open=filename.exe
icon=filename.ico
```

```
[autorun.mips]
open=filenam2.exe
icon=filename.ico
```

```
[autorun.alpha]
open=filenam3.exe
icon=filename.ico
```

```
[autorun.ppc]
open=filenam4.exe
icon=filename.ico
```

fff, ,*f* *fffff*Œ—,*fffff*,*ffff*,, *fffff*,Œ,,,,,,,,   , [autorun]
fffff, •,——,, *fffff*,Œ,,,,*fff*,',*fffff*,,,−
Ž,,,,,,, ,,,,,*fffff*,*f* *fffff*,,,,, •,Ž,,,,,,,Š”,,•—,,,
AutoPlay*ffff* *fff*, , ,,*fffff*
,,*fffff*,,AutoPlay*ffff*□*fff*,□,□,•—,ˆ‰,

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- NoDriveTypeAutoRun の

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AutoPlayCD

  Autorun.inf の open ののの

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の 𝑓𝑓𝑓𝑓,,,,,‹,,☐
- 𝑓𝑓𝑓𝑓☐𝑓—𝑓𝑓𝑓𝑓☐𝑓𝑓𝑓,Ž☐,,☐CD,,'☐𝑓𝑓𝑓𝑓☐𝑓𝑓𝑓,Ž☐,,☐
- 𝑓𝑓𝑓𝑓𝑓𝑓𝑓𝑓,•—,,,☐☐,☐Ž☐,•—,‹"𝑓𝑓𝑓☐𝑓𝑓𝑓,,,𝑓𝑓𝑓𝑓☐𝑓
  の   𝑓   𝑓,,•–
,☐",,,, 𝑓𝑓𝑓𝑓☐𝑓𝑓𝑓,𝑓𝑓𝑓𝑓𝑓𝑓☐𝑓,Š,,☐☐,☐•,,,,,☐𝑓𝑓𝑓𝑓𝑓𝑓𝒇 **Win32**   𝑓𝑓𝑓𝑓Š"𝑓𝑓𝑓
(SDK)

- 𝒇𝒇𝒇𝒇☐𝒇𝒇𝒇,𝒇☐𝑓𝑓𝑓𝑓𝑓𝑓𝑓𝑓,𝑓☐𝑓𝑓𝑓𝑓𝑓,,,——,,•—,,,☐☐☐𝑓𝑓𝑓𝑓,,,𝑓☐𝑓,☐—
Ž,   𝑓𝑓𝑓",𝑓☐𝑓,☐‹,,𝑓𝑓𝑓𝑓𝑓,𝑓𝑓𝑓,𝑓𝑓☐𝑓𝑓𝑓𝑓☐𝑓𝑓𝑓𝑓☐𝑓𝑓𝑓",—ˆ,,,,☐

𝑓𝑓𝑓𝑓𝑓,

  𝑓𝑓𝑓𝑓,☐☐Š‰☐•(.ini)
,,,𝑓𝑓𝑓𝑓𝑓𝑓𝑓𝑓☐𝑓𝑓𝑓☐𝑓𝑓𝑓𝑓,',,Windows,‹",,, 𝑓𝑓𝑓𝑓𝑓,' ,,API,Š,,☐•,,,,,,☐Win32
SDK,"

  , Š‰☐•,"˜,,,,,,☐,,☐•,   𝑓𝑓𝑓,Š",, Œ,,Ž,☐,
  𝑓𝑓𝑓𝑓☐𝑓𝑓𝑓,𝑓𝑓𝑓𝑓𝑓', •,Œ,☐☐•,𝑓𝑓𝑓𝑓☐𝑓 の
𝑓𝑓,' ,,,   , ,,,   •,Ž,,,☐☐,,,☐☐𝑓𝑓𝑓𝑓𝑓𝑓,𝑓𝑓𝑓𝑓𝑓,ˆ—,,𝑓𝑓   𝑓𝑓𝑓𝑓𝑓,•Ž,,
  •,𝑓   𝑓𝑓,"˜☐,,☐☐☐☐•,,,,𝑓𝑓𝑓𝑓☐   ,,,,,, 𝑓𝑓𝑓

  𝑓𝑓𝑓𝑓𝑓𝑓𝑓,•☐
, 𝑓𝑓𝑓𝑓☐𝑓𝑓𝑓𝑓,,Autorun.inf𝑓𝑓𝑓𝑓,", ,,,,,,‰",,, 𝑓𝑓𝑓𝑓☐𝑓𝑓𝑓𝑓,AutoPlay,"
          Autorun.inf   CD,☐,•,,',𝑓𝑓𝑓𝑓,,——
,☐AutoPlay,CD,,,ˆ""•,,—',,, AutoPlay   の
  ,,,

  1 𝑓𝑓𝑓𝑓𝑓𝑓𝑓𝑓𝑓 (Regedit.exe) ,,,,   **(E)の(F)**   𝑓𝑓,,☐

  2   𝑓𝑓𝑓𝑓𝑓,ˆ‰,Ž,Œ,   𝑓,☐Ž,Œ☐(F)☐,𝑓𝑓𝑓𝑓,,☐

NoDriveTypeAutoRun

3　　　(E)　　　　　　　,Œ□•□(M)□,𝑓𝑓𝑓𝑓,,□

4　NoDriveTypeAutoRun ',𝑓□𝑓,0000 95 00 00 00 „ 0000 91 00 00 00,•□,□OK,𝑓𝑓𝑓𝑓,,□
ˆ□,□"ˆ,𝑓𝑓𝑓𝑓,AutoPlay,‰",,□,,,□𝑓𝑓𝑓𝑓□𝑓𝑓𝑓𝑓□,𝑓𝑓𝑓𝑓□𝑓,,,,,,,,□AutoPlay,Ž□‹,‹",,,,,,,,,□,,,□,,,□𝑓𝑓𝑓𝑓□𝑓𝑓𝑓𝑓𝑓𝑓𝑓𝑓,𝑓𝑓𝑓𝑓𝑓𝑓𝑓,,,,𝑓𝑓𝑓,‰𝑓𝑓𝑓𝑓,□,,Œ AutoPlay,𝑓𝑓𝑓𝑓,,□

5　Autorun.inf ,𝑓𝑓𝑓,Š—,,Œ NoDriveTypeAutoRun,',0000 95 00 00 00,𝑓𝑓𝑓𝑓,,□

□—Ž□
𝑓𝑓𝑓𝑓□𝑓𝑓𝑓𝑓,AutoPlay,"□,,,,□𝑓𝑓𝑓𝑓□𝑓𝑓𝑓𝑓,Š',-‰,,,,,,,,,,,,,□ˆ""•,,,,,𝑓𝑓𝑓𝑓□𝑓𝑓𝑓𝑓,Autorun.inf𝑓𝑓𝑓,",,,,,□𝑓𝑓𝑓𝑓,'□,‹,•—,,,□

NoDriveTypeAutoRun',Š,,□□,□•,,,,,□NoDriveTypeAutoRun',𝑓𝑓𝑓,Ž□,,,,□

NoDriveTypeAutoRun ',𝑓𝑓𝑓

𝑓𝑓𝑓𝑓𝑓, NoDriveTypeAutoRun　REG_BINARY の 4　　の の
の の　,𝑓𝑓𝑓,□AutoPlay□‹,, Š,,Ž□,𝑓𝑓𝑓𝑓,•,□,,𝑓𝑓𝑓,□Š□'
0x95,□,,,"Ž,,,,𝑓𝑓𝑓,𝑓𝑓𝑓𝑓,,,DRIVE_UNKNOWN　DRIVE_REMOVEABLE
DRIVE_FIXED の AutoPlay　　　　　　　　　AutoPlay の 2　　0
𝑓,,,□,,,Ž,,□Š□',,,,,,,,,,,,,'0x91,Ž',,,,,,,,, ,•—,,, 𝑓𝑓𝑓𝑓'•－
,Š,,□•,,,,,□𝑓𝑓𝑓𝑓𝑓,Ž—,Ž□,,,,□𝑓𝑓𝑓□𝑓𝑓𝑓𝑓𝑓𝑓' ,,,𝑓𝑓𝑓𝑓,Š,,Š','Ž の の,,,,

𝑓𝑓𝑓"□

𝑓𝑓𝑓𝑓𝑓𝑓'□

'Ž

0 (　　　　　)
DRIVE_UNKNOWN
□□□□□□□□□□□□□□

1
DRIVE_NO_ROOT_DIR
□□□□□□□□□□□□□□□ .

2
DRIVE_REMOVEABLE
　　　　　(　　　□□)□□□□□□□□

3
DRIVE_FIXED

□□□□□□□□□□(□□□□□□□□)□□□□□□□□□□

4
DRIVE_REMOT*E*

ƒ ƒ ƒ ƒ   ƒ ƒ ƒ ƒ ƒ

5
*DRIVE_*CDROM
CD-ROM □□□□□□

6
DRIVE_RAMDISK
RAM □□□□□□

7 (□□□□□□□)

□□∅∅□□ □□□□□,,,,,

ῆ

*Windows N*T □□□□□□□□□□□□□□□□□□ Windows Explorer □□□□□□□□□
□□□□□□

AutoPlay ∅
CD □□□□□□□ SHI*FT ƒ ,‰,,,,   ƒ ƒ ƒ ∅*
Autorun.inf*ƒ ƒ ƒ ƒ,*‰□□Ž□,,,,,Ž□‹,—   ,,, Windows NT*ƒ□ƒ ƒ ƒ*4.0,,,Windows
95,Inter*net Explorerƒ□ƒ ƒ ƒ*4.0,—,,,,*ƒ□ƒ,□Ž*““,*AutoPlay,—*□,,,,□□□□□□□
∅ Autorun.inf*ƒ ƒ ƒ ƒ,*“,,,,*ƒ ƒ ƒ ƒ,   ,•—*,,,,,,,,,Ž,□ ,∅ Autoplay
    ƒ ƒ ƒ□   ƒ ƒ□ƒ ƒ ƒ,ƒ ƒ ƒ ƒ ƒ ƒ ƒ ƒ,,,,,AutoPlay,—□,,,,□ˆ‰∅
ƒ ƒ ƒ□Š‰ƒ□ƒ,

uMessage - RegisterWindowMessage(TEXT("QueryCancelAutoPlay"));

,,,ˆ‰,*ƒ□ƒ,ƒ ƒ ƒ ƒ ƒ ƒ□ƒ ƒ ƒ ƒ ƒ□   ƒ□*

if(msg == uMessage)

{

// return 1 to cancel AutoPlay
// return 0 to allow AutoPlay

```
    return 1L;

}
```

MS-DOS の AutoPlay

AutoPlay　　　　　MS-DOS の Windows MS-DOS
　　　　　　　　　MS-DOS ののConfig.sys　　　　Autoexec.bat

Windows　MS-DOS のの MS-DOS
　　　　　ƒƒƒ□*ƒƒƒƒ*□*ƒƒƒ*,•—,‰,,,,MS-DOS*ƒƒƒƒ*□*ƒƒƒ*,□‹",Windows
　　　　　　　•,,,',,Windows,□Œ,•,,,,,,,,□

ƒƒƒƒƒƒ

ƒƒƒƒ

xe "defaulticon"§

defaulticon

defaulticon=path\iconname.ico

ƒƒƒƒ　•,Ž,*ƒƒƒƒ*,,CD　の
　ƒ,Ž',,　,,*ƒƒƒƒ*,Windows*ƒ*　*ƒ*　*ƒƒƒ*　*ƒƒƒƒ*,,,,AutoPlay" ‰",CD,•,
path\iconname.ico
ƒƒƒƒ　•,,,*ƒƒƒƒ*,　'*ƒƒ*,,,*ƒƒƒƒ*−
　　bmp　exe,,,,dll*ƒƒƒƒ*,Ž',,,,,,,,　*ƒƒƒƒ*,•　,*ƒƒƒƒ*,Š,,,　　Ž—
　ƒƒƒƒ',*ƒƒƒƒ*,*ƒƒ*　*ƒ*"　(*ƒƒƒƒƒƒ*),Ž',,
icon ,,, defaulticon
　ƒƒƒƒ,Autorun.inf*ƒƒƒƒ*,,,　　　AutoPlay,defaulticon*ƒƒƒƒ*,Ž',,,*ƒƒƒƒ*,Ž—,,
ƒƒƒƒ,AutoPlay" ‰",CD,,,　　　*ƒƒƒƒ*,*ƒƒƒƒ*,•Ž,*ƒƒƒƒƒ*,*ƒƒƒƒ*,—,,
Ž　icon

xe "icon"§

icon

icon=filename.ico

Windows*ƒ*　*ƒ*　*ƒƒƒ*　*ƒƒƒƒ*,,,,AutoPlay" ‰",CD,•,*ƒƒƒƒ*,　•,Ž,*ƒƒƒƒ*,Ž',,　,,*ƒƒƒ*
　ƒ,Ž',,,*ƒƒƒƒ*−　open *ƒƒƒƒ*,Ž',,,*ƒƒƒƒ*−,",*ƒƒƒƒƒƒ*,,,,,,,,,
filename.ico
ƒƒƒƒ　•,Š,*ƒƒƒƒ*,−
　　,,.bmp　.exe,,,,.dll*ƒƒƒƒ*,Ž',,,,,,,,　*ƒƒƒƒ*,•　,*ƒƒƒƒ*,Š,,,　　—
　,,*ƒƒƒƒ*,*ƒƒƒƒ*,*ƒƒ*　*ƒ*"　(*ƒƒƒƒƒƒ*),Ž',,,,

ffff,AutoPlay" ‰",CD,Š,,,　　　*ffff*,*ffff*,•Ž,*fffff*,*ffff*,—,,
Ž,—,,　CD,•,,"–,*ffff*,*ffff*,Ž',,,,,　　　,*ffff*,*ffffff*,0,*fff*,,,,,
icon=filename.exe 1

Ž　　defaulticon

xe "open"§
open
open=dir\filename.exe

CD-ROM*ffff*,CD,'",,,,　AutoPlay,Ž　,,*ffff*　*fff*,*ff*,*ffff*–,Ž',,
dir\filename.exe
CD,'"Ž□Ž□‰"*ffff*,Ž□,,,*ff**fffff*,Š,,,,,,*ff*,,,*ffff*
ff,*ffffff*,□□□Windows,Ž',,,*ffffff*,Š~,,,,,　　*ff*□*fff*,<",
　',,,,,,　　　Windows,CD□,*f*□*ffffff*,*ffff*,Œ□,,□'"*ff*,Ž の
ffff,*fffffff*,',,,,,,,

ffff□*fff*Ž□Ž,AutoPlay,",*ffffffffff*□*f*,•‰,,,,,,,,□

,,　　　　　　　　,*ff*□　　　　*ffff*□*fff*,Š,,　　　　*f*,の　の,Ž
　　　ff□*ffff*□*ff* のの

xe "shell"§
shell
shell=verb

　　　*ffff*の *fff*,□Ž',,,*ffffffff*,•□,,□
verb
の Autorun.inf*ffff*,'‹,,,,,,,,,,,,
AutoPlay,AutoPlay　　　　　　　　　　*ff*
　　　CD,•,*ffff*,*ffffff*　　,,　verb,Ž,　　　　　　　　　　,,
Ž□　shell\verb

xe "shell\verb"§
shell\verb
shell\verb\command=filename.exe

shell\verb=Menu Item Name

ffff,ff□ffff□fff□,Ž,   *ffffffff*   ',, ,,1□–
,□ffff,Ž□,,Ž□‰"ffff*   ',, 2"–, *,ff□ffff□fff□,ffffffff,Ž',,*

verb

ffff,□—Œ□,,fff□f,Ž□‰"ffff–,fff□□–,ffff,Š~,,,□,,fff□f,,ffff,Š
,,,,,, Autorun.inf   Menu Item Name   verb

filename.exe

の

Menu Item Name

'   Š,*fff□□–ffffの* 1•Ž,',*ffffff*•Ž(&),,,,,,,,,□,,*fff□□–
,ff□*

Windows*f f fff ffff,, ffff,fff,*
    ,,ff ffff fff ,,,,,, Autorun.inf*ffff*,CD ,' ,,   Windows,,,*ffff,*
    ffff,ff ffff fff , AutoPlay,Ž"",•‰,,
    ,,AutoPlay,*fffff,‹*",,,,,*fff,, ffff,fffffff,,,* open
    ffff,Ž',,,,,,,,,,,‹",,,

*ffff*ReadMe, •,*ff ffff fff ,*•‰, •Ž MÓ,**ff fffff ,,, ,, ˆ‰**
    ,Autorun.inf*ffff*,‰,,,,,,

shell\readit\command=notepad abc\readme.txt

shell\readit=Read &Me

Ž□ shell□ open