



*How add the support of  
WSH, VBS, JS, ADO, MSDAC,  
OLEDB  
to Windows® PE*



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## *Introduction*

This tutorial explain how add the support of WSH, VBS, JS, ADO, MSDAC and OLEDB to the Windows® PE environment

*Tested on :*

Windows PE  
BartPE

*Developers :*

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*Authors :*

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*Software Required :*

Windows PE  
BartPE

*Changes History :*

**Version 1.0.0**

First version.

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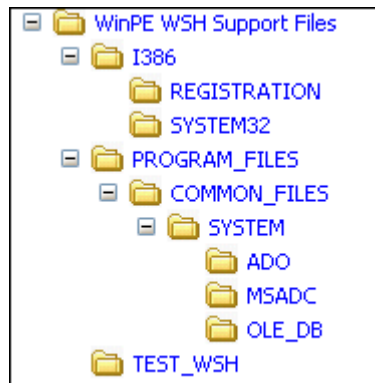
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<http://www.simple-tech.info>

## Build the structure in your hard drive

- Install the Windows® Script 5.6 or newer in a computer that contains the operating system Windows XP/2003.
- Create the folder structure in a directory:



- Copy all files listed bellow to the “\i386\SYSTEM32” directory.

12520437.CPX	MSHTMLED.DLL
12520850.CPX	MSLBUI.DLL
ACTXPRXY.DLL	MSORC32R.DLL
ADVPACK.DLL	MSORCL32.DLL
ASCTRLS.OCX	MSRATING.DLL
CLBCATQ.DLL	MSTIME.DLL
CLICONFG.DLL	MTXCLU.DLL
CLICONFG.EXE	ODBCBCP.DLL
CLICONFG.RLL	PLUGIN.OCX
COLBACT.DLL	PNGFILT.DLL
COMRES.DLL	RESUTILS.DLL
COMSVCS.DLL	MSHTML.INF
CORPOL.DLL	SCROBJ.DLL
CRYPTDLG.DLL	SCRRUN.DLL
CSCRIPT.EXE	SENDMAIL.DLL
DBMSADSN.DLL	SQLSRV32.DLL
DBMSRPCN.DLL	SQLSRV32.RLL
DBNETLIB.DLL	SQLUNIRL.DLL
DBNMPNTW.DLL	URLMON.DLL
DDRAWEX.DLL	VBAJET32.DLL
DISPEX.DLL	VBSCRIPT.DLL
DS16GT.DLL	WSCRIPT.EXE
DS32GT.DLL	WSH.INF
DXTMSFT.DLL	WSHEXT.DLL
DXTRANS.DLL	WSHOM.OCX
EXPSRV.DLL	JSCRIPT.DLL
HLINK.DLL	LICMGR10.DLL
HTA.INF	MLANG.DLL
IEDKCS32.DLL	MSCPX32R.DLL
IEPEERS.DLL	MSCPXL32.DLL
IESETUP.DLL	MSCTF.DLL
INSENG.DLL	MSDART.DLL
INSTCAT.SQL	MSDATSRC.TLB
ITIRCL.DLL	MSHTA.EXE

ITSS.DLL  
MSHTML.TLB

MSHTML.DLL

- Copy all files listed bellow to the  
“\PROGRAM\_FILES\COMMON\_FILES\SYSTEM\ADO” directory.

MSADER15.DLL  
MSADO15.DLL  
MSADO20.TLB  
MSADO21.TLB  
MSADO25.TLB  
MSADO26.TLB

MSADOMD.DLL  
MSADOR15.DLL  
MSADOX.DLL  
MSADRH15.DLL  
MSJRO.DLL

- Copy all files listed bellow to the  
“\PROGRAM\_FILES\COMMON\_FILES\SYSTEM\MSADC” directory.

MSADCE.DLL  
MSADCER.DLL  
MSADCF.DLL  
MSADCFR.DLL  
MSADCO.DLL  
MSADCOR.DLL

MSADCS.DLL  
MSADDS.DLL  
MSADDSR.DLL  
MSDAREM.DLL  
MSDAREMR.DLL  
MSDFMAP.DLL

- Copy all files listed bellow to the  
“\PROGRAM\_FILES\COMMON\_FILES\SYSTEM\OLE\_DB” directory.

MSDADC.DLL  
MSDAENUM.DLL  
MSDAER.DLL  
MSDAORA.DLL  
MSDAORAR.DLL  
MSDAOSP.DLL  
MSDASC.DLL  
MSDASQL.DLL  
MSDASQLR.DLL  
MSDATL3.DLL

MSDATT.DLL  
MSDAURL.DLL  
MSXACTPS.DLL  
OLEDB32.DLL  
OLEDB32R.DLL  
SQLOLEDB.DLL  
SQLOLEDB.RLL  
SQLXMLX.DLL  
SQLXMLX.RLL



- Download to the “Simple-Tech.info” the file that contains the file you allow to load the WSH, VBS, JS, ADO, MSDAC and OLEDB to the Windows® PE environment or write the command lines listed bellow to as “RUNWSH.CMD” file.

```
@ECHO OFF
REM
REM *****
REM * Author      :Grandjean Christian      *
REM * Date        : 23.12.2005             *
REM * Version     :1.0                     *
REM * Editor      : PrimalScript           *
REM *                                                     *
REM * Works on OS :                         *
REM *      Windows PE                       *
REM *                                                     *
REM * Description and use :                 *
REM *Execute command STARTNET.BAT at the startup *
REM *of Windows PE                          *
REM *      Copy files and folders to the Windows PE structure *
REM *                                                     *
REM * Command :                               *
REM *START "Installing WSH Components" /MIN RUNWSH.CMD *
REM *                                                     *
REM *****
REM
ECHO.
ECHO Please wait during the installation of Windows Scripting Host files...
ECHO
ECHO.
ECHO Install of WSH Extentions
ECHO.
```

## REM - INSTALL WSH COMPONENTS

```
Regsvr32 %SystemRoot%\System32\jscript.dll /S  
Regsvr32 %SystemRoot%\System32\scrobj.dll /S  
Regsvr32 %SystemRoot%\System32\scrrun.dll /S  
Regsvr32 %SystemRoot%\System32\vbscript.dll /S  
Regsvr32 %SystemRoot%\System32\wshtext.dll /S  
Regsvr32 %SystemRoot%\System32\wshom.ocx /S  
Regsvr32 %SystemRoot%\System32\mlang.dll /S  
Regsvr32 %SystemRoot%\System32\urlmon.dll /S
```

ECHO.

ECHO Install file association for WSH

ECHO.

```
%SystemRoot%\System32\rundll32.exe setupapi,InstallHinfSection DefaultInstall 132 WSH.inf
```

ECHO.

ECHO Install HTA components support

ECHO.

```
%SystemRoot%\System32\mshta.exe /register  
Regsvr32 %SystemRoot%\System32\asctrls.ocx /S  
Regsvr32 %SystemRoot%\System32\plugin.ocx /S  
Regsvr32 %SystemRoot%\System32\actxprxy.dll /S  
Regsvr32 %SystemRoot%\System32\atl.dll /S  
Regsvr32 %SystemRoot%\System32\corpol.dll /S  
Regsvr32 %SystemRoot%\System32\cryptdlg.dll /S  
Regsvr32 %SystemRoot%\System32\ddrawex.dll /S  
Regsvr32 %SystemRoot%\System32\dispex.dll /S  
Regsvr32 %SystemRoot%\System32\dxtmsft.dll /S  
Regsvr32 %SystemRoot%\System32\dxtrans.dll /S  
Regsvr32 %SystemRoot%\System32\hlink.dll /S  
Regsvr32 %SystemRoot%\System32\iedkcs32.dll /S
```

```

Regsvr32 %SystemRoot%\System32\iepeers.dll /S
Regsvr32 %SystemRoot%\System32\iesetup.dll /S
Regsvr32 %SystemRoot%\System32\imgutil.dll /S
Regsvr32 %SystemRoot%\System32\inseng.dll /S
Regsvr32 %SystemRoot%\System32\itircl.dll /S
Regsvr32 %SystemRoot%\System32\itss.dll /S
Regsvr32 %SystemRoot%\System32\licmgr10.dll /S
%SystemRoot%\System32\rundll32.exe setupapi,InstallHinfSection reg 132 mshtml.inf
Regsvr32 %SystemRoot%\System32\mshtml32.dll /S
Regsvr32 %SystemRoot%\System32\msrating.dll /S
Regsvr32 %SystemRoot%\System32\mstime.dll /S
Regsvr32 %SystemRoot%\System32\olepro32.dll /S
Regsvr32 %SystemRoot%\System32\sendmail.dll /S

```

ECHO.

ECHO Install file association for HTA

ECHO.

```
%SystemRoot%\System32\rundll32.exe setupapi,InstallHinfSection DefaultInstall 132 HTA.inf
```

ECHO.

ECHO Install of ADO Extentions

ECHO.

```

regsvr32 %SystemDrive%\Program Files\Common Files\System\msadc\msadce.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\msadc\msadcf.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\msadc\msadco.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\msadc\msadds.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\ado\msado15.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\ado\msadomd.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\ado\msador15.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\ado\msadoX.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\ado\msadrh15.dll" /S

```

```
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\msdadc.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\msdaenum.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\msdaer.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\msdaora.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\msdaosp.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\msadc\msdarem.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\msdasc.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\msdasql.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\msdatt.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\msdaurl.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\msadc\msdfmap.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\ado\msjro.dll" /S
regsvr32 %SystemRoot%\System32\msorcl32.dll /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\msxactps.dll" /S
regsvr32 %SystemRoot%\System32\odbccconf.dll /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\oledb32.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\oledb32r.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\sqloledb.dll" /S
regsvr32 %SystemDrive%\Program Files\Common Files\System\Ole DB\sqlxmlx.dll" /S
regsvr32 %SystemRoot%\System32\CLBCATQ.DLL /S
regsvr32 %SystemRoot%\system32\colbact.DLL /S
regsvr32 %SystemRoot%\system32\comsvcs.dll /S
regsvr32 %SystemRoot%\System32\MSCTF.dll /S
regsvr32 %SystemRoot%\system32\ole32.dll /S
```

EXIT

- Copy/replace/add the structure of your Windows® PE with this directory structure.
- Run “RUNWSH.CMD” in your Windows® PE environment.
- Run the files located to “%SystemDrive%\TEST\_WSH\” for test the working installation of the WSH, VBS, JS, ADO, MSDAC and OLEDB environment.
  - Run “TESTADO.VBS” for check the support of “ADO”.
  - Run “TESTHTA.HTA” for check the support of “HTA”.
  - Run “TESTWSH.VBS” for check the support of “VBS”.