



Driver installation for SP BSP tools



MBJ_WCP2OSS5_ST

Revision

Version	Date	Content & Modification
V1.0	2012/06/11	Draft version
V1.1	2012/09/20	Use DPInst to install drivers Integrate signed and unsigned drivers into package Integrate SP_Drivers_v1.5 (Kernel drivers)

Outline

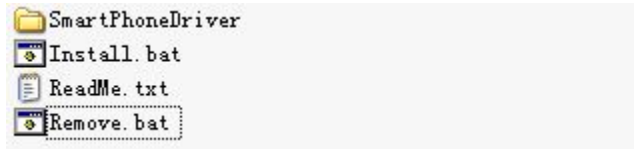
- Statement
- Driver installation/uninstall
 - USB driver
 - Installation steps
 - Uninstall steps
 - UART driver
- Appendix

Statement

- Object
 - To simplify procedure of driver installation when using SP BSP tool
- Scope of application
 - SP Flash tool
 - Maui META tool / SP META tool
- Key user
 - Internal RD & QA

Driver installation/uninstall

- USB driver
 - Installation steps
 - Unplug devices which connect with PC through USB cable
 - Uncompress package of driver auto installer
 - Run Install.bat



Driver installation/uninstall

- USB driver

- Installation steps

- If warning prompt shown about unsigned drivers installation, please confirm it

Win XP

```

C:\WINDOWS\system32\cmd.exe
*****Information*****
Dirver Installer v1.0
Win XP
E:\Drivers\Easy installation\Driver_Auto_Installer_v1.1236.00\SmartPhoneDriver/x
86
*****Install SP unsigned inf*****
*****软件安装*****
您正在安装的软件没有通过 Windows 徽标测试，无法验证
它同 Windows XP 的兼容性。（告诉我为什么这个测试很重要。）

继续安装此软件会立即或在以后使系统变得不稳定。
Microsoft 建议您现在停止此安装，并同软件供应商
联系，以获得通过 Windows 徽标测试的软件。

仍然继续 (C)  停止安装 (S)
  
```

Win 7

```

C:\windows\system32\cmd.exe
*****Information*****
Dirver Installer v1.0
Win 7
C:\Project\Driver_Auto_Installer_v1.1236.00\Driver_Auto_Installer_v1.1236.00\Sm
rtPhoneDriver/x64
*****Install *****
  
```

Windows Security

Windows can't verify the publisher of this driver software

- Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
- Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.

See details

Driver installation/uninstall

- USB driver
 - Installation steps
 - Wait a moment till prompt of installation completed

Win XP

```

C:\WINDOWS\system32\cmd.exe
*****Information*****
Dirver Installer v1.0
Win XP
E:\Drivers\Easy installation\Driver_Auto_Installer_v1.1236.00\SmartPhoneDriver/x
86

*****Install SP unsigned inf*****
Install complete!

*****Install SP signed inf*****
Install complete!

请按任意键继续. . .
搜狗拼音 半:
  
```

Win 7

```

C:\windows\system32\cmd.exe
*****Information*****
Dirver Installer v1.0
Win 7
C:\Project\Driver_Auto_Installer_v1.1236.00\Driver_Auto_Installer_v1.1236.00\Sm
rtPhoneDriver/x64

*****Install SP unsigned inf*****
Install complete!

*****Install SP signed inf*****
Install complete!

Press any key to continue . . .
  
```

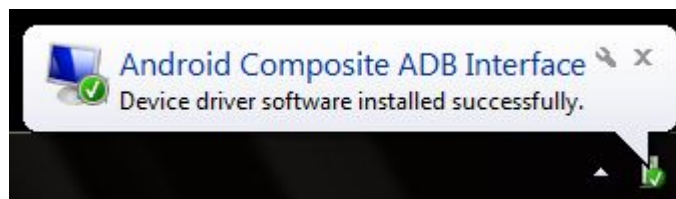
Driver installation/uninstall

- USB driver
 - Installation steps
 - Run tool and plug device into PC through USB cable
 - For signed driver (Details in appendix)
 - ONLY a small prompt may appear on system tray, OS will recognize it and make it available

Win XP



Win 7



Driver installation/uninstall

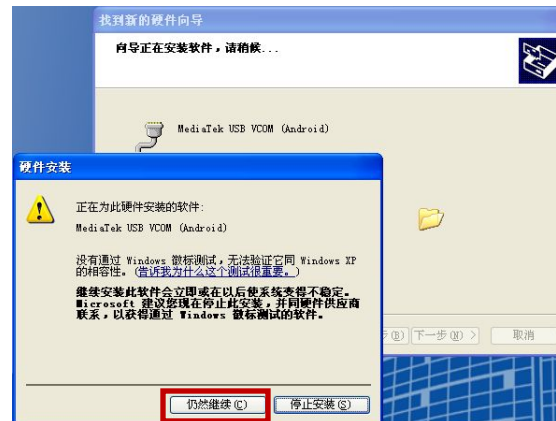
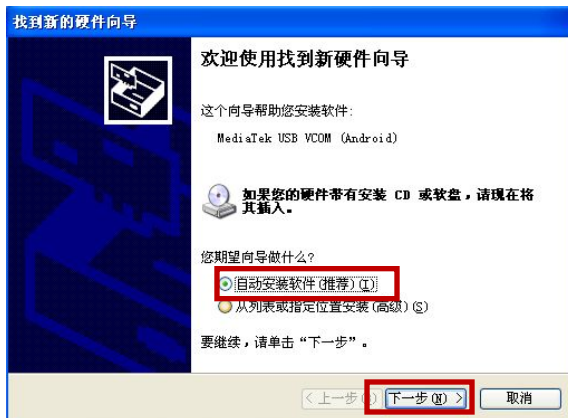
- USB driver

- Installation steps

- For unsigned driver (Details in appendix)

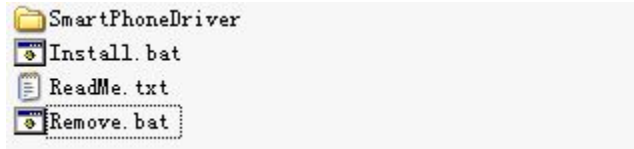
- A small prompt may appear on system tray, be similar to signed driver, OS will search matched driver automatically (Win 7)
 - A dialog will be pop up to driver installation, user should click auto installation, if unsigned prompt shown, please confirm it (Win XP)

Win XP



Driver installation/uninstall

- USB driver
 - Uninstall steps
 - Unplug devices which connect with PC through USB cable
 - Run Remove.bat



Driver installation/uninstall

- UART driver
 - Install driver listed below
 - FTDI driver (For 2 in 1 cable)
 - \\glbfs14\sw_releases\Wireless_Global_Tools\Tool_Release\SP_Drivers\InUse\UART\FTDI
 - Prolific driver (For 3 in 1 cable)
 - \\glbfs14\sw_releases\Wireless_Global_Tools\Tool_Release\SP_Drivers\InUse\UART\Prolific

Appendix

- Details in installation package
 - Bootloader drivers
 - BootROM USB (Signed)
 - Preloader USB (Signed)
 - DA HS USB (Signed)
 - Kernel drivers
 - ADB (Unsigned)
 - ACM (Unsigned)
 - RNDIS (Unsigned)
 - MTP (Unsigned)

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