

Lite, Magistra Mac OS X 10.6

: libccid

libccid

, Lite Magistra , CCID.

CCID Apple pcsc-lite libccid.libccid , .

Apple OS X 10.7 Lion , - .

1. , /usr/libexec/SmartCardServices/drivers/ifd-ccid.bundle/Contents/Info.plist, .

```
$ sudo nano /usr/libexec/SmartCardServices/drivers/ifd-ccid.bundle/Contents/Info.plist
```

2. **Ctrl+Y Ctrl+V** , :

	Lite	Magistra:	Magistra
<key>ifdVendorID</key> <string>0x0A89</string>	<key>ifdVendorID</key> <string>0x0A89</string>	<key>ifdVendorID</key> <string>0x0A89</string>	<key>ifdVendorID</key> <string>0x0A89</string>
<key>ifdProductID</key> <string>0x0030</string>	<key>ifdProductID</key> <string>0x0025</string>	<key>ifdProductID</key> <string>0x0060</string>	<key>ifdProductID</key> <string>0x0061</string>
<key>ifdFriendlyName</key> <string>Aktiv Rutoken ECP</string>	<key>ifdFriendlyName</key> <string>Aktiv Rutoken lite</string>	<key>ifdFriendlyName</key> <string>Aktiv Rutoken Magistra</string>	<key>ifdFriendlyName</key> <string>Aktiv Rutoken Magistra</string>

3. **Ctrl+ Y Enter.**

(Ubuntu 11.10)

```
$ sudo cp <__> /usr/libexec/SmartCardServices/drivers/ifd-ccid.bundle/Contents/Info.plist
```

1. pcsctest (pcscd). 1. .

```
drivers — bash — 80x38
MUSCLE PC/SC Lite Test Program

Testing SCardEstablishContext : Command successful.
Testing SCardGetStatusChange
Please insert a working reader : Command successful.
Testing SCardListReaders      : Command successful.
Reader 01: Aktiv Rutoken ECP 00 00
Enter the reader number      : 1
Waiting for card insertion

Testing SCardConnect          : Command successful.
Testing SCardStatus           : Command successful.
Current Reader Name          : Aktiv Rutoken ECP 00 00
Current Reader State         : 0x34
Current Reader Protocol      : 0x1
Current Reader ATR Size      : 15 (0xf)
Current Reader ATR Value     : 3B 8B 01 52 75 74 6F 6B 65 6E 20 44 53 20 C1
Testing SCardDisconnect      : Command successful.
Testing SCardReleaseContext   : Command successful.
Testing SCardEstablishContext : Command successful.
Testing SCardGetStatusChange
Please insert a working reader : Command successful.
Testing SCardListReaders      : Command successful.
Reader 01: Aktiv Rutoken ECP 00 00
Enter the reader number      : 1
Waiting for card insertion

Testing SCardConnect          : Command successful.
Testing SCardStatus           : Command successful.
Current Reader Name          : Aktiv Rutoken ECP 00 00
Current Reader State         : 0x34
Current Reader Protocol      : 0x1
Current Reader ATR Size      : 15 (0xf)
Current Reader ATR Value     : 3B 8B 01 52 75 74 6F 6B 65 6E 20 44 53 20 C1
Testing SCardDisconnect      : Command successful.
Testing SCardReleaseContext   : Command successful.

PC/SC Test Completed Successfully !
```

2. pcsd, , :

```
# killall pcsd
# /usr/sbin/pcsd -afddddd
```

, / .

```
drivers — bash — 80x23
daemon.c:585:main() pcsc-lite 1.4.0 daemon ready.
/SourceCache/SmartCardServices_Executables/SmartCardServices-55105/src/PCSC/read
erfactory.c:780:RFInitializeReader() Attempting startup of Aktiv Rutoken ECP 00
00 using /usr/libexec/SmartCardServices/drivers/ifd-ccid.bundle
/SourceCache/SmartCardServices_Executables/SmartCardServices-55105/src/PCSC/read
erfactory.c:506:RFBindFunctions() Binding driver functions
/SourceCache/SmartCardServices_Executables/SmartCardServices-55105/src/PCSC/read
erfactory.c:642:RFBindFunctions() Loading IFD Handler 3.0
ifdhandler.c:1532:init_driver() Driver version: 1.3.11
ifdhandler.c:1545:init_driver() LogLevel: 0x0003
ifdhandler.c:1565:init_driver() DriverOptions: 0x0000
ifdhandler.c:82:IFDHCreateChannelByName() lun: 0, device: Aktiv Rutoken ECP
ccid_usb.c:285:OpenUSBByName() Manufacturer: Ludovic Rousseau (ludovic.rousseau@
free.fr)
ccid_usb.c:295:OpenUSBByName() ProductString: Generic CCID driver
ccid_usb.c:301:OpenUSBByName() Copyright: This driver is protected by terms of t
he GNU Lesser General Public License version 2.1, or (at your option) any later
version.
ccid_usb.c:494:OpenUSBByName() Can't claim interface 004/004-0a89-0030-00-00: Un
defined error: 0
ifdhandler.c:104:IFDHCreateChannelByName() failed
/SourceCache/SmartCardServices_Executables/SmartCardServices-55105/src/PCSC/read
erfactory.c:819:RFInitializeReader() Open Port 4300000 Failed (Aktiv Rutoken ECP
```