

De: Victor Seva <linuxmaniac@torreviejawireless.org>
Asunto: uso del dnie en sistema MacOSX 10.5.2
Fecha: 9 de abril de 2008 11:21:11 GMT+02:00
Para: sac@dnielectronico.es
Cc: c3po@c3po.es
4 archivos adjuntos, 188 KB

Buenas,

recientemente adquirí un lector de tarjetas inteligentes para poder dar uso a mi dni electrónico. Este lector es el modelo LTC31 usb (versión 2) y aún no he podido utilizar el certificado de ninguna manera. Intentaré explicar los pasos que he realizado para intentar utilizar el dni:

- Descargo el software para "MacOsX" :
http://www.dnielectronico.es/descargas/PKCS11_para_Sistemas_Unix/MAC_OS_X.tar
openc.dnie-1.4.0-5.dmg
<http://www.openc-project.org/sca/wiki/>
<http://www.openc-project.org/files/sca/experimental/sca-0.2.3pre2.dmg>

- Instalo sca-0.2.3pre2.dmg
- Instalo openc.dnie-1.4.0-5.dmg

Aquí me encuentro el primer error... el script de instalación no añade correctamente la ruta del modulo en el archivo de configuración /Library/OpenSC/etc/openc.conf. El script genera:

```
card_drivers = dnie;  
card_driver dnie {  
    #The location of the driver library  
    module = ;  
}  
lo que debería generar:  
card_drivers = dnie;  
card_driver dnie {  
    #The location of the driver library  
    module = "/Library/OpenSC/lib/libopenc.dnie.1.dylib";  
}
```

Añadiendo esta modificación pruebas que realizo para detectar el funcionamiento del dispositivo con la tarjeta:

macbook-de-victor-seva:bin maniac\$ pcsctest

MUSCLE PC/SC Lite Test Program

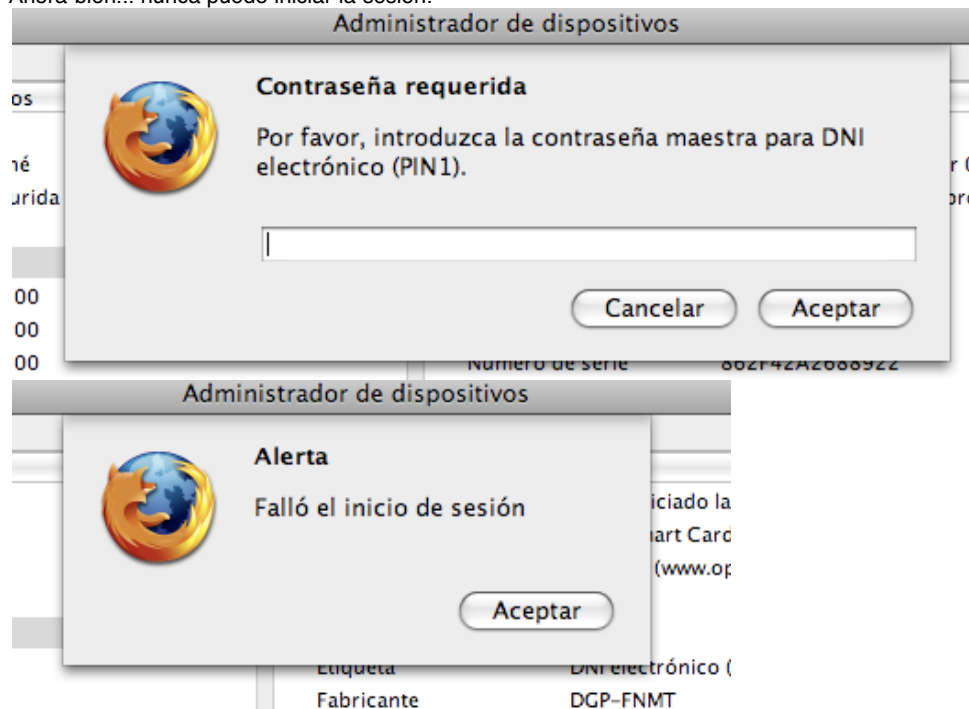
```
Testing SCardEstablishContext : Command successful.  
Testing SCardGetStatusChange  
Please insert a working reader : Command successful.  
Testing SCardListReaders : Command successful.  
Reader 01: CCID Smart Card Reader 00 00  
Enter the reader number : 01  
  
Waiting for card insertion  
: Command successful.  
Testing SCardConnect : Command successful.  
Testing SCardStatus : Command successful.  
Current Reader Name : CCID Smart Card Reader 00 00  
Current Reader State : 34  
Current Reader Protocol : 0  
Current Reader ATR Size : 14  
Current Reader ATR Value : 3B 7F 38 00 00 00 6A 44 4E 49 65 10 02 4C 34 01 13 03 90 00 00 00 00 00 00 00 00 00 00 00 00 00  
Testing SCardDisconnect : Command successful.  
Testing SCardReleaseContext : Command successful.
```

PC/SC Test Completed Successfully !

```
macbook-de-victor-seva:bin maniac$ /Library/OpenSC/bin/openc-tool -IR  
Configured reader drivers:  
pcsc PC/SC reader  
Readers known about:  
Nr. Driver Name  
0 pcsc CCID Smart Card Reader 00 00  
macbook-de-victor-seva:bin maniac$ /Library/OpenSC/bin/openc-tool --atr --name
```


Cerrar

Ahora bien... nunca puedo iniciar la sesion:



Y la consola:

```
macbook-de-victor-seva:~ maniac$ /Library/OpenSC/bin/pkcs11-tool --test --login
In gemsafe_detect_card
sc_pkcs15emu_gemsafe_init: Setting pkcs15 parameters
sc_pkcs15emu_gemsafe_init: version (float): 0.000000, version (int): 0
sc_pkcs15emu_gemsafe_init: Setting certificate
[opencsc-pkcs11] c3po_card.c:919:card_select_file: returning with: File not found
[opencsc-pkcs11] card.c:554:sc_select_file: returning with: File not found
sc_pkcs15emu_gemsafe_init: Setting PIN
sc_pkcs15emu_gemsafe_init: Setting private key
sc_pkcs15emu_gemsafe_init: Selecting application DF
[opencsc-pkcs11] c3po_card.c:919:card_select_file: returning with: File not found
[opencsc-pkcs11] card.c:554:sc_select_file: returning with: File not found
[opencsc-pkcs11] pkcs15.c:793:sc_pkcs15_bind: returning with: Unsupported card
[opencsc-pkcs11] iso7816.c:99:iso7816_check_sw: Security status not satisfied
[opencsc-pkcs11] c3po_card.c:1093:card_read_binary: returning with: Security status not satisfied
[opencsc-pkcs11] card.c:430:sc_read_binary: returning with: Security status not satisfied
[opencsc-pkcs11] card_helper.c:326:card_helper_read_certificate_file: returning with: Security status not satisfied
[opencsc-pkcs11] card_sync.c:880:card_sync_card_to_virtual_fs_certificate_file_callback: returning with: Security status not satisfied
[opencsc-pkcs11] iso7816.c:99:iso7816_check_sw: Security status not satisfied
[opencsc-pkcs11] c3po_card.c:1093:card_read_binary: returning with: Security status not satisfied
[opencsc-pkcs11] card.c:430:sc_read_binary: returning with: Security status not satisfied
[opencsc-pkcs11] card_helper.c:326:card_helper_read_certificate_file: returning with: Security status not satisfied
[opencsc-pkcs11] card_sync.c:880:card_sync_card_to_virtual_fs_certificate_file_callback: returning with: Security status not satisfied
[opencsc-pkcs11] iso7816.c:99:iso7816_check_sw: Security status not satisfied
[opencsc-pkcs11] c3po_card.c:1093:card_read_binary: returning with: Security status not satisfied
[opencsc-pkcs11] card.c:430:sc_read_binary: returning with: Security status not satisfied
[opencsc-pkcs11] card_helper.c:83:card_helper_read_file: returning with: Security status not satisfied
[opencsc-pkcs11] card_sync.c:995:card_sync_card_to_virtual_fs_data_file_callback: returning with: Security status not satisfied
[opencsc-pkcs11] iso7816.c:99:iso7816_check_sw: Security status not satisfied
[opencsc-pkcs11] c3po_card.c:1093:card_read_binary: returning with: Security status not satisfied
[opencsc-pkcs11] card.c:415:sc_read_binary: sc_read_binary() failed: Security status not satisfied
[opencsc-pkcs11] card_helper.c:83:card_helper_read_file: returning with: Security status not satisfied
[opencsc-pkcs11] card_sync.c:995:card_sync_card_to_virtual_fs_data_file_callback: returning with: Security status not satisfied
[opencsc-pkcs11] iso7816.c:99:iso7816_check_sw: Security status not satisfied
[opencsc-pkcs11] c3po_card.c:1093:card_read_binary: returning with: Security status not satisfied
```

```
[opensc-pkcs11] card.c:430:sc_read_binary: returning with: Security status not satisfied
[opensc-pkcs11] card.c:415:sc_read_binary: sc_read_binary() failed: Security status not satisfied
[opensc-pkcs11] card_helper.c:83:card_helper_read_file: returning with: Security status not satisfied
[opensc-pkcs11] card_sync.c:995:card_sync_card_to_virtual_fs_data_file_callback: returning with: Security status not satisfied
Please enter User PIN:
[opensc-pkcs11] iso7816.c:99:iso7816_check_sw: Security status not satisfied
[opensc-pkcs11] c3po_card.c:689:card_pin_cmd: returning with: Security status not satisfied
[opensc-pkcs11] sec.c:201:sc_pin_cmd: returning with: Security status not satisfied
error: PKCS11 function C_Login failed: rv = CKR_USER_NOT_LOGGED_IN (0x101)
```

Aborting.

```
macbook-de-victor-seva:~ maniac$
```

Por lo que no puedo iniciar la sesión.

¿Qué debo hacer? ¿Tienen algún informe más de errores con el sistema operativo macosx leopard (10.5.2)? ¿A quién debo dirigirme para poder hacer funcionar el dni electrónico?

Gracias