

NOS8/ NOS-17:

Link: <https://lcsnosim.atlassian.net/browse/NOS-17>

Software-only SIM card simulator

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Repo: <https://github.com/tomasz-lisowski/swsim>

In another step we need to add the part (**device interface**).

It is instead an all-software card reader for swICC-based cards.

Repo: <https://github.com/tomasz-lisowski/swicc-driv-iffd>

With the same SWICC installation steps, we need to install in folder lib (tau, cJSON, and make-pal).

`make`

`sudo make install`

Le PC/SC daemon sera un service de systemd de l'OS, pour le restart:

`sudo pcsd -f -d -T`

```
00000000 [140531948701600] configFile.1:369:00GetHeaderList() Parsing conf file: /etc/reader.conf.d/libswicc-driv-iffd
00000000 [140531948701600] configFile.1:370:00evaluatetoken() Add reader: swICC PC/SC IFD Driver v1.2.0
00000000 [140531948701600] readerFactory.c:1097:00InitialiseReader() Attempting startup of swICC PC/SC IFD Driver v1.2.0 00 00 using /usr/lib/pcscl/drivers/serial/libswicc-driv-iffd.so.1.2.0
00000000 [140531948701600] readerFactory.c:972:00InitFunction() Loading IFD Handler 3.0
00000000 [140531948701600] src/iffdHandler.c:217:00IFDHCCreateChannel() Lun=0x0000, DeviceName='/dev/null'.
00000000 [140531948701600] src/iffdHandler.c:266:00IFDHCCreateChannel() Lun=0x0000, Channel=0.
00000000 [140531948701600] src/iffdHandler.c:332:00IFDHCGetCapabilities() Lun=0x0000, Tag=0x00F3, Length=0x7ffdc237ebf0, Value=0x7ffdc237ebf0.
00000000 [140531948701600] src/iffdHandler.c:304:00IFDHCGetCapabilities() Capability not supported.
00000000 [140531948701600] readerFactory.c:305:00AddReader() Using the pcsc polling thread
00000000 [140531948701600] src/iffdHandler.c:711:00IFDHCGetCapabilities() Lun=0x0000.
00000000 [140531948701600] src/iffdHandler.c:332:00IFDHCGetCapabilities() Lun=0x0000, Tag=0x00F3, Length=0x7ffdc237ebf0, Value=0x7ffdc237ec87.
00000000 [140531948701600] src/iffdHandler.c:374:00IFDHCGetCapabilities() Supported tags count for reader 0.
00000000 [140531948701600] src/iffdHandler.c:374:00IFDHCGetCapabilities() Supporting 0x00000000.
00000000 [140531948701600] readerFactory.c:1097:00InitialiseReader() Attempting startup of swICC PC/SC IFD Driver v1.2.0 01 01 using /usr/lib/pcscl/drivers/serial/libswicc-driv-iffd.so.1.2.0
00000000 [140531948701600] readerFactory.c:972:00InitFunction() Loading IFD Handler 3.0
00000000 [140531948701600] src/iffdHandler.c:217:00IFDHCCreateChannel() Lun=0x0001, DeviceName='/dev/null'.
00000000 [140531948701600] src/iffdHandler.c:266:00IFDHCCreateChannel() Lun=0x0001, Channel=0.
00000000 [140531948701600] src/iffdHandler.c:332:00IFDHCGetCapabilities() Lun=0x0001, Tag=0x00F3, Length=0x7ffdc237ebf0, Value=0x7ffdc237ebf0.
00000000 [140531948701600] src/iffdHandler.c:304:00IFDHCGetCapabilities() Capability not supported.
00000000 [140531948701600] readerFactory.c:305:00AddReader() Using the pcsc polling thread.
```

End Point de server: 127.0.0.1:37324

We can interact with the card as you would with a real card attached to a hardware card reader.