

LuxTrust Signing Stick on Ubuntu 09.10

Version 1.0.

This is a small howto install and test the software for the luxburgish Luxtrust-Signing Stick. Unfortunately there are by the time of this writing no 64bit drivers available so you need a 32bit processor.

1. Install the `pcsc` package from the Ubuntu repositories:
>sudo apt-get install pcscd
2. Install the `pcsc-tools` package from the Ubuntu repositories:
>sudo apt-get install pcscd-tools
3. Install the `libccid` package from the Ubuntu repositories:
>sudo install libccid
4. Install the driver (downloadable from drivers.luxtrust.lu):
>sudo dpkg -i libgemma0_5.1.0-02_i386_v2.deb
5. Start the `pcsc` server (it should restart automatically after a reboot):
>sudo /etc/init.d/pcscd start
6. Insert the Signing Stick. The green LED should first blink and then be constantly on.
7. Check the drivers with
>sudo pcsc_scan

You should see

```
Fri Jan 8 16:48:03 2010
Reader 0: Gemplus GemPC Key 00 00
Card state: Card inserted,
ATR: 3B 7D .....
```

8. Run the *Pin Management* tool:
>pinmgt
9. First, choose the "Change PIN" tab, select radio button "Admin", enter in the "old PIN" edit box the PUK (Admin) Pin you will find in the letter "LuxTrust" PIN-Mailer" in the scratch off protected area. Enter and confirm a freely chosen new Admin-Pin. (Important! For some reason the activation didn't work for me without this step)
10. Confirm by pressing the "Change Pin" button.
11. Choose the tab "Unblock Pin" and enter this new Admin-Pin in the "Admin Pin" edit box and the PIN you will find in the letter "LuxTrust" PIN-Mailer" in the scratch off protected area in the "New User-Pin" and "Confirmation" edit-box.
12. Confirm by pressing the "Unblock Pin" button.
13. Complete the activation on <https://activate.luxtust.lu>

This howto is based on a block from Michael Weimerskirch:
<http://michel.weimerskirch.net/2008/07/24/luxtrust-signing-stick-on-ubuntu-804/>

