

Installing and Using the SCR335 Smart Card Reader on Linux

This document details how to install the SCR335 Smart Card reader within Linux. This is useful if you have a reader and want to use a PGP card with GnuPG.

Make sure that libusb is installed.

Install GnuPG (Gentoo users – *emerge gpg*)

Create a file called gnupg-ccid.rules

```
# GPG Smart Card Reader Support
#
ACTION== "add", SUBSYSTEM == "usb", ENV{PRODUCT}== "4E6/E003/*", RUN +=
"/etc/udev/scripts/gnupg-ccid"

ACTION== "add", SUBSYSTEM == "usb", ENV{PRODUCT}== "4e6/5115/*", RUN +=
"/etc/udev/scripts/gnupg-ccid"

# End of File
```

Create another file called gnupg-ccid

```
#!/bin/bash
GROUP=scard
if [ "${ACTION}" = "add" ] && [ -f "${DEVICE}" ]
then
chmod o-rwx "${DEVICE}"
chgrp "${GROUP}" "${DEVICE}"
chmod g+rw "${DEVICE}"
fi
# End of File
```

Then, as root

```
cp /path/to/gnupg-ccid.rules /etc/udev
cp /path/to/gnupg-ccid /etc/udev/scripts/
chmod +x /etc/udev/scripts/gnupg-ccid
ln -s /etc/udev/gnupg-ccid.rules /etc/udev/rules.d/gnupg-ccid.rules
```

Now create the group scard

```
addgroup scard
```

Add any relevant users

```
addgroup USERNAME scard
```

```
exit
```

Your reader should now work for any users in the scard group.

[HTTP://BENSCOMPUTER.NO-IP.ORG/2009/Feb/SCR335_install.pdf](http://BENSCOMPUTER.NO-IP.ORG/2009/Feb/SCR335_install.pdf)