Netscape Security Suite (NSS)

The Netscape Security Suite (NSS) manages certificates and PKCS#11 modules. There is also a GUI application, called `nss-gui`.

Commands

- show all stored certificates in database `cert8.db` (see also Certificate Database Tool of Netscape Security Suite)

```
certutil -L -d ~/.local/share/evolution
```

- show all stored certificates on a (G&D StarSign) ElsterStick

```
certutil -L -d ~/.local/share/evolution -h "ElsterStick 1.0"
```

- add a new PKCS#11 module to database `secmod.db` (see also Security Module Database of Netscape Security Suite)

```
modutil -add "StarSign USB Token" -libfile
/usr/local/lib/libstarsignpkcs11.so -dbdir ~/.local/share/evolution
```

  This also works for Firefox, using `certutil -L -h “StarSign USB Token” -d ~/.mozilla/firefox/*.default`, but requires the package `libnss3-tools`. The cryptographic modules should then be shown as for example in this figure.



Especially on *CentOS* you should start the PC/SC damon (`pcscd`) on system boot, and not driven by *udev* (configure for example using *Gnome* application `system-config-services`). This ensures *Firefox* is running properly also without a USB security stick plugged in.

- to show all cryptographic modules use:

```
modutil -list -dbdir .
```

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