



Install pinentry to Sailfish OS

23.02.25

Pegasi Knowledge

<https://ghost.pegasi.fi/wiki/>

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div itemscope itemtype="http://schema.org/MobileApplication"
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Install pinentry to Sailfish OS

Updated 25.11.2015: SailfishOS 2 support and more recent version of pinentry added. Tested with 2.0.0.10 (Saimaa) (armv7hl).

Sailfish OS has GNUPG2 library which I like to utilize in file encryption since it is not mainstream and most likely phone thieves have hard time debugging my shell scripts :) I utilized GNUPG version 1 in my Nokia N9 and I assume the version 2 is capable of same tricks but I have not tried it yet since I got

stuck in missing pinentry binary when generating keys to my mobile. So this tip comes fresh out of the oven.

I compiled a binary from pinentry sources to SailfishOS 1.0.2.5 and 2.0.0.10 which is the current update level in Sailfish OS at the time of writing. Look below how to install it:

- grab the binary
 - For Sailfish OS 2 [pinentry 0.9.2](#)
 - For Sailfish OS 1 [pinentry legacy version](#)
- unpack it: `tar -xzf pinentry.tar.gz`
- place it to your place of liking, for example `/home/nemo/bin`
- make a symbolic link: `ln -s /home/nemo/bin/pinentry /usr/bin`

Now feel free to generate keys with `gpg2 -gen-key`.

There is a version of pinentry available at [Openrepos.net](https://openrepos.net) but it did not work in my Sailfish OS 2 (Nexus 5). Please correct me if I am wrong.

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