

Installation instructions

Note: this document is based on debian/ubuntu distribution, so some steps could differ in other distributions.

Feasa provides a set of DEB packages that can install the software in your computer. There are some requirements and dependencies that need to be satisfied so the [bash script \(install-dependencies.sh\)](#) provided can be used for this purpose; since this may not work on some distributions or versions, this document provides some additional information about the steps required to make the software work in your Linux distribution.

Instructions to meet the requirements and dependencies

This software has dependencies on the Mono Project libraries, so first of all, and according to the Mono Project documentation (<http://www.mono-project.com/docs/getting-started/install/linux/>), you should **include the repository** to ensure that the latest libraries and files are downloaded:

```
$ sudo apt-key adv --keyserver hkp://keyserver.ubuntu.com:80 --recv-keys
3FA7E0328081BFF6A14DA29AA6A19B38D3D831EF
$ echo "deb http://download.mono-project.com/repo/debian wheezy main" | sudo tee
/etc/apt/sources.list.d/mono-xamarin.list
```

Note: you may need to replace the word «wheezy» with the codename of your current distribution.

After this, you can proceed with the setup

```
$ sudo apt-get update
$ sudo apt-get install mono-runtime
$ sudo apt-get install libgdiplus
$ sudo apt-get install libmono-system-core4.0-cil
$ sudo apt-get install libmono-system-windows-forms4.0-cil
```

Now, you need to ensure that the current user **belongs to** the group '**dialout**', otherwise you will experience issues accessing serial ports or virtual serial ports (USB-based):

```
$ groups
```

If 'dialout' is not listed there, then you can **add** it to

```
$ sudo useradd [your_username] dialout
```

In Ubuntu you can use the following command:

```
$ sudo gpasswd --add [your_username] dialout
```

Now, you need to **reboot** and then you can execute any of the applications:

```
$ ~/feasa/FeasaTerminal
```