

Installation instructions

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

Feasa does not provides of automatic installers through packages, so you can either use the [bash script \(install.sh\)](#) provided which eases the installation process, or either copy the binary files/programs to the desired destination folder, ensuring that this folder has the right execution permsmissions to run the applications.

There are two folders, depending on the platform used: x86 for 32 bit platforms and x86_64 for 64 bit platforms, so need to copy those files belonging to the platform you use, otherwise the application will no work.

If you wish to do this process manually, without using the install scrip, you can proceed as follows:

```
$ mkdir ~/feasa
$ cp [path_to_cd]/linux/software/[target_platform]/*. * ~/feasa/
```

You need to grant execution permissions for each one of the applications

```
$ sudo chmod a+x ~/feasa/FeasaTerminal
```

Next, you need to be sure that packages 'mono-runtime' and 'libgdipplus' are installed.

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
```

After this, you can proceed with the setup

```
$ sudo apt-get update
$ sudo apt-get install mono-runtime
$ sudo apt-get install libgdipplus
$ 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**':

```
$ groups
```

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

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

In Ubutuntu 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
```