

Guide

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1 Introduction

The script: **dnglab_install-script** is currently developed to make dnglab cli tool installation process and usage easier. **dnglab**: cli tool written in rust, it provides image conversion from proprietary .raw formats to .dng

1.1 Motivation

It's not always easy to remember the exact command or quickly find the documentation where it was written. The built-in help isn't intuitive and requires familiarity with the commands, you still need to manually type the names of the files and directories you want to convert. A script that integrates the options I consider useful and convenient for my personal needs, like lossless conversion. At the time of publication, no GUI exists for dnglab.

1.2 Installation

If dnglab isn't available for your distribution, you have follow the manual installation or install this tool. If you want to follow the manual installation, you can still find it on dnglab's official GitHub page, it has been incorporated into the script, including adding the tool to your system PATH. You only need to follow the on-screen instructions and the commands will be available anytime, in any TTY or terminal. To install the script, run the following commands:

0. Open a terminal and check that git is installed:

```
which git
```

0.1 If no result is returned, install it using with your package manager or app store

1. Clone the repository:

```
git clone https://github.com/mattF11/dnglab_install-script
```

2. Enter the directory:

```
cd dnglab_install-script
```

3. Make the script executable:

```
chmod +x ./dnglab_install-script.sh
```

1.2.1 Dependancies

This is a **bash** script, the **bash** shell is needed, install all the packages listed in the following table:

n°	Dependancies
[1]	Cargo
[2]	Bash shell
[3]	rust (programming language)
[4]	git

1.3 Usage

Once inside the dnglab_{install}-script directory, run the script with the command:

```
./dnglab_install-script.sh
```

To complete the process you need to select the action you want to continue and follow the instructions. When a list of directories is shown, type the corresponding number: **example:** 1 don't type [1]