How to install Alire and setup the Mage crate

1. As a prerequisite, your machine should have a GNAT installed and set-up so that it is in the PATH.
2. Download the latest version of Alire, by downloading from the official website at https://alire.ada.dev/
3. Once Alire is installed, you can start it through the linux terminal (or the Alire app on windows)

```
$ alr --version
alr 1.2.2
```

4. Set-up Alire so that it uses the correct set of tools

```
$ alr -v toolchain --select
```

5. Download the *Mage* package and its necessary dependencies

```
$ alr -v -n get -b mage_hat
$ alr -v -n get -b labs_solar_system
$ alr -v -n get -b labs_radar
```
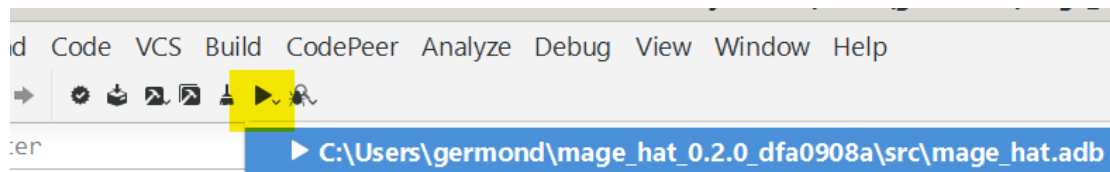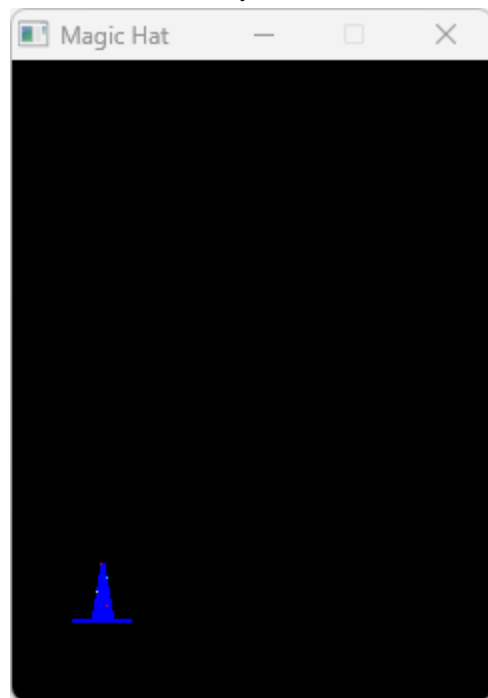
6. You should be able to compile and run a test

```
$ cd mage_hat_[...]
$ alr edit
```

7. From GNAT Studio, click the "build and run" button

8. Confirm that you see a blue hat moving around the screen.

Congratulations, Alire and the Mage library are now installed and working properly!