

# OC\_manager

Shiny app to operate apparatus of office chromatography

## Dependencies

### Linux

```
sudo apt-get install libtiff5-dev libssl-dev libcurl4-openssl-dev git
```

### R

Download and install R: <http://cran.r-project.org/>

launch R and install the R packages, possible missing package, please tell us.

```
install.packages('devtools')
devtools::install_github('DimitriF/DLC')
devtools::install_github("rhandsontable", "jrowen")
install.packages("serial")
install.packages("reticulate")
install.packages("DT")
install.packages("shinyBS")
```

### Python

Python should be installed by default in all linux system, the serial library is necessary though

```
sudo apt-get install python-serial
```

### Clone the repo

```
git clone https://github.com/DimitriF/OC_manager.git
```

The repo must have the following path: /home/pi/OC\_manager

### Configure the crontab

```
sudo crontab -e
```

Add this line in:

### Run

From the folder (use `setwd()`)

```
shiny::runApp()
```