

# Notes on processing large amounts of Earth Observation data

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# Overview I

Introduction

Computing concepts

Linux

Scripting

- Bash

- R

- Python

Virtualization and containerization

Platforms

- sepal.io

- Google Earth Engine

Test case: sepal.io

Introduction.

Two stages: developing and processing

# Hardware

# Software

## R good practices

Make script take parameters



## Parallelize code

## Reproducible development environments

- ▶ How do I get the same environment during developing and processing?

Open an account

Start a machine

Get data

Start an R-spatial container

Get root password

## References I