

Environnement de travail collaboratif

ESGI - Semaine du 04/11/19

Christophe Villegier
Vincent Monjaret
Lucas Moisan

Makefile

Makefile

Why?

- Manage dependencies
- Keep consistency on usual commands
- Commonly used tool

Makefile

A simple Makefile is composed of rules that have dependencies and the will execute commands when used.

```
install:
    yarn install

build: install # dependencies list will always be executed before
    next build src

dev: install
    NODE_ENV=dev node server.js

start: build
    NODE_ENV=production node server.js

lint:
    ./node_modules/.bin/eslint src --fix

test_unit: install
    jest --coverage

test_e2e: install
    cypress verify || cypress install && cypress run

test: install test_jest test_e2e
```

Then:

```
make install && make build && make start
```

Caution! Makefile uses tabs only for indentation

Makefile: Practical work

Create a Makefile for the [API Platform core project](#) with the following rules:

- install: install dependencies
- lint: check for syntax / coding style issues
- test: create two rules for unit and e2e tests
- start: run the project