

An aerial photograph of the Shanghai skyline, featuring the Oriental Pearl Tower and the Bund. The image is hazy, with a warm, golden light. The text "INSTALLATION GUIDE" is overlaid in a large, white, serif font.

INSTALLATION GUIDE

OMNIBOARD EDITOR

THE OMNIBOARD TEAM

An aerial photograph of the Shanghai skyline, featuring the Oriental Pearl Tower prominently in the foreground. The city is densely packed with skyscrapers, and the Huangpu River is visible in the background. The image has a hazy, atmospheric quality.

SUMMARY

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CLONING GITHUB REPOSITORY

First, find a peaceful place in your computer ready to welcome an interesting project
a create a directory (you can name the directory as you like)

```
pierre@Pierre-PC: /mnt/c/Users/Pierre/Documents/Peaceful_Place
pierre@Pierre-PC:/mnt/c/Users/Pierre/Documents/Peaceful_Place$ mkdir perfect_directory
pierre@Pierre-PC:/mnt/c/Users/Pierre/Documents/Peaceful_Place$ _
```

Then make sure that you have installed git on your computer.
After that insert eh following command :

```
git clone https://gitlab.com/Jakcrimson/omniboardeditor.git perfect_directory
```

```
pierre@Pierre-PC:/mnt/c/Users/Pierre/Documents/Peaceful_Place$ git clone https://gitlab.com/Jakcrimson/omniboardeditor.git perfect_directory
Cloning into 'perfect_directory'...
Username for 'https://gitlab.com': Jakcrimson
Password for 'https://Jakcrimson@gitlab.com':
remote: Enumerating objects: 23, done.
remote: Counting objects: 100% (23/23), done.
remote: Compressing objects: 100% (23/23), done.
remote: Total 256 (delta 11), reused 0 (delta 0), pack-reused 233
Receiving objects: 100% (256/256), 4.23 MiB | 3.03 MiB/s, done.
Resolving deltas: 100% (101/101), done.
```

Then head into your perfect_directory.
You'll see a number of other directories.
Head into the "src" directory :

```
pierre@Pierre-PC:/mnt/c/Users/Pierre/Documents/OMNIBOARD/omniboard_final/omniboard$ ls
index.js  info.txt  node_modules  package-lock.json  package.json  public  views
pierre@Pierre-PC:/mnt/c/Users/Pierre/Documents/OMNIBOARD/omniboard_final/omniboard$ _
```

Now we need to install the dependencies. To do so, go to the next step.

SETTING UP DEPENDENCIES

In the "src" directory you'll find a file called "info.txt". It contains informations on the dev and on the dependencies.

First up we need to initialize "npm" : `npm init -y`

```
pierre@Pierre-PC:/mnt/c/Users/Pierre/Documents/Peaceful_Place/perfect_directory$ npm init -y
Wrote to /mnt/c/Users/Pierre/Documents/Peaceful_Place/perfect_directory/package.json:

{
  "name": "perfect_directory",
  "version": "1.0.0",
  "description": "Notre équipe se compose de 4 étudiants du département informatique de l'IUT de Vannes",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "repository": {
    "type": "git",
    "url": "git+https://gitlab.com/Jakcrimson/omniboardeditor.git"
  },
  "keywords": [],
  "author": "",
  "license": "ISC",
  "bugs": {
    "url": "https://gitlab.com/Jakcrimson/omniboardeditor/issues"
  },
  "homepage": "https://gitlab.com/Jakcrimson/omniboardeditor#readme"
}
```

Then we need to install nodemon with npm to run the application on the localhost :

`npm i -D nodemon`

```
pierre@Pierre-PC:/mnt/c/Users/Pierre/Documents/Peaceful_Place/perfect_directory$ npm i -D nodemon

> nodemon@2.0.7 postinstall /mnt/c/Users/Pierre/Documents/Peaceful_Place/perfect_directory/node_modules/nodemon
> node bin/postinstall || exit 0

Love nodemon? You can now support the project via the open collective:
> https://opencollective.com/nodemon/donate

npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@~2.3.1 (node_modules/chokidar/node_modules/fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"}
+ nodemon@2.0.7
added 119 packages from 53 contributors and audited 120 packages in 7.148s

11 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
```

SETTING UP DEPENDENCIES

Then we need to install Express to allow us to route our application (that means travel across the web pages of our application):

```
npm i express
```

```
pierre@Pierre-PC:/mnt/c/Users/Pierre/Documents/Peaceful_Place/perfect_directory$ npm i express
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules/fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"}

+ express@4.17.1
added 56 packages from 37 contributors and audited 176 packages in 3.795s

11 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
```

If you haven't installed PUG on your computer yet, you can with :

```
npm install pug
```

```
pierre@Pierre-PC:/mnt/c/Users/Pierre/Documents/Peaceful_Place/perfect_directory$ npm install pug
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules/fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"}

+ pug@3.0.2
added 42 packages from 18 contributors and audited 218 packages in 5.053s

17 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
```

And that's it for dependencies.

Now let's run our app !

RUNNING ON LOCALHOST

Once the dependencies are all installed you can run :

`npm run dev`

```
pierre@Pierre-PC:/mnt/c/Users/Pierre/Documents/OMNIBOARD/omniboard_final/omniboard$ npm run dev
> omniboard@1.0.0 dev /mnt/c/Users/Pierre/Documents/OMNIBOARD/omniboard_final/omniboard
> nodemon ./index.js

[nodemon] 2.0.7
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node ./index.js`
Listening to requests on http://localhost:8000
```

Now just go in your favorite web browser at this URL : <http://localhost:8000>

OmniBoard Editor

Now enjoy your editing !