

# Local Development Enviroment Setup

## Project Fit

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### Basic require (Ignore if installed)

- ❖ Install sourcetree app. Download from <https://www.sourcetreeapp.com/>
- ❖ Install Nodejs. Download from: <https://nodejs.org/en/download/>
- ❖ Install yarn. Download from: <https://classic.yarnpkg.com/en/docs/install#windows-stable>
- ❖ Install Docker Desktop (Select Linux containers.) Download from:  
<https://docs.docker.com/docker-for-windows/install/>
- ❖ Create Docker Hub account, use Marble-d email: [xxx@marble-d.co.jp](mailto:xxx@marble-d.co.jp)

## 1. Get source code

### 1.1 Clone source from git

- ❖ Use backlog account to get source from git.

[https://m-d.backlog.jp/git/MDFIT\\_WEB/fit\\_web.git](https://m-d.backlog.jp/git/MDFIT_WEB/fit_web.git) → D:\Projects\FIT\fit\_web

[https://m-d.backlog.jp/git/MDFIT\\_WEB/fit\\_admin.git](https://m-d.backlog.jp/git/MDFIT_WEB/fit_admin.git) → D:\Projects\FIT\fit\_admin

[https://m-d.backlog.jp/git/MDFIT\\_WEB/fit\\_common.git](https://m-d.backlog.jp/git/MDFIT_WEB/fit_common.git) → D:\Projects\FIT\fit\_common

### 1.2 Submodule git

- ❖ Edit file: D:\Projects\FIT\fit\_admin\.gitmodules (edit url to get submodule)

```
[submodule "application/common"]
```

```
path = application/common
url = https://m-d.backlog.jp/git/MDFIT\_WEB/fit\_common.git
```

- ❖ Open D:\Projects\FIT\fit\_admin => hold shift + right click=> Open PowerShell window here. Run:

```
git submodule init
```

```
git submodule update
```

- ❖ Delete icon common from:

```
D:\Projects\FIT\fit_admin\application\config\
D:\Projects\FIT\fit_admin\application\controllers\
D:\Projects\FIT\fit_admin\application\helpers\
D:\Projects\FIT\fit_admin\application\models\
D:\Projects\FIT\fit_admin\application\views\
```

- ❖ Open command Prompt as Administrator, run command line:

```
mklink /J D:\Projects\FIT\fit_admin\application\config\common D:\Projects\FIT\
fit_admin\application\common\config

mklink /J D:\Projects\FIT\fit_admin\application\controllers\common D:\Projects\
FIT\fit_admin\application\common\controllers

mklink /J D:\Projects\FIT\fit_admin\application\helpers\common D:\Projects\FIT\
fit_admin\application\common\helpers

mklink /J D:\Projects\FIT\fit_admin\application\models\common D:\Projects\FIT\
fit_admin\application\common\models

mklink /J D:\Projects\FIT\fit_admin\application\views\common D:\Projects\FIT\
fit_admin\application\common\views
```

- ❖ Repeat above steps to install submodule for fit\_web:
- ❖ Edit file: D:\Projects\FIT\fit\_web\.gitmodules (edit url to get submodule)

```
[submodule "application/common"]
path = application/common
url = https://m-d.backlog.jp/git/MDFIT\_WEB/fit\_common.git
```

- ❖ Open D:\Projects\FIT\fit\_web => hold shift + right click=> Open PowerShell window here. Run:

```
git submodule init
```

```
git submodule update
```

- ❖ Delete icon common from:

```
D:\Projects\FIT\fit_web\application\config\
D:\Projects\FIT\fit_web\application\controllers\
D:\Projects\FIT\fit_web\application\helpers\
D:\Projects\FIT\fit_web\application\models\
```

```
D:\Projects\FIT\fit_web\application\views\
```

❖ Open command Prompt as Administrator, run command line:

```
cd D:\local_project\MDFIT_WEB\fit_web
mklink /J application\config\common application\common\config

mklink /J application\controllers\common application\common\controllers

mklink /J application\helpers\common application\common\helpers

mklink /J application\models\common application\common\models

mklink /J application\views\common application\common\views
```

### 1.3. Edit files

D:\Projects\FIT\fit\_web\public\htaccess

Change

```
Deny from all
```

to

```
Allow from all
```

CHANGE

```
RewriteCond %{HTTPS} off
RewriteRule ^(.*)$ https://%{HTTP_HOST}%{REQUEST_URI} [R,L]
```

TO

```
RewriteCond %{HTTP} off
RewriteRule ^(.*)$ http://%{HTTP_HOST}%{REQUEST_URI} [R,L]
```

## 2. Install composer & yarn libs (require)

❖ Run for both web and admin:

Open D:\Projects\FIT\fit\_web => hold shift + right click=> Open PowerShell window here

```
composer install
yarn install --modules-folder public/libs
```

D:\Projects\FIT\fit\_admin => hold shift + right click=> Open PowerShell window here

```
composer install
yarn install --modules-folder public/libs
```

## 3. Server and Database:

### 3.1. Add Docker Image

- ❖ Require permission, Download image from:

<https://drive.google.com/drive/folders/1YqZPBsVDZLsUFwF5hmidNI0ZcztJcPDt>

- ❖ Extract fit-docker.zip to D:\Projects\FIT\
- ❖ Open D:\Projects\FIT\fit-docker => hold shift + right click=> Open PowerShell window here. Run command:

```
docker-compose up -d
```

### 3.2. Import database:

- ❖ Copy sql file to D:\Projects\FIT Open Command Prompt, run:

```
cmd.exe /c "mysql --host=localhost --port=33306 -u memsys_user -p member_system  
< D:\Projects\FIT\fit_db.sql"
```

Enter Pass: a0MsYKQwd6or

## 4. Test URL and account:

### 4.1 Add url to .host file

- ❖ Open notepad as administrator => open file C:\Windows\System32\drivers\etc\hosts

Add line:

```
127.0.0.1 docker.fit.nikkin.co.jp
```

### 4.2 Account

FIT admin

```
http://docker.fit.nikkin.co.jp:30082
```

Admin test account:

```
企業 ID: marble  
ユーザ ID: admin  
PW: test1234
```

FIT web

```
http://docker.fit.nikkin.co.jp:20080
```