



# MWS [Svelte-WP-display] v-0.0.5

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## Quick usage

```
# Ensure your node version :  
node -v  
# Should be 'v18.4.0' or higher.  
  
# Configure your install with targeted MWS starter :  
node mws-install.mjs wp-display --with-deps  
  
# run coverage, functional and end to end tests  
npm run test  
  
# YATA, YOUR PRODUCTION BUILD is in ./build folder.  
# Indeed, e2e tests did build it with your local .env  
alias code="/Applications/Visual Studio Code.app/Contents/MacOS/Electron"  
# Need to change CONFIG and re-build ?  
code .env  
  
# Then we advice you to re-do the full tests  
# But if you are in a hurry, sure of what you do,  
# simply launch the build :  
npm run build
```

## Installations and builds

```
# Ensure your node version :  
node -v  
# Should be 'v18.4.0' or higher. Not tested yet for versions below  
v18.4.0.  
  
# Configure your install with targeted MWS starter :  
node mws-install.mjs wp-display --with-deps  
  
# generate smui styles (optionnal, do on each SMUI or SCSS theme changes)  
npm run prepare  
  
# test in dev  
npm run dev  
  
# launching unit tests any time you like and before each commit.  
# do branch if want to commit failing code  
# instead of the starter production branches...  
npm run test:unit  
  
# Run coverage tests with web live reports  
# of unit tests launched in watch mode ;)  
npm run test:coverage:watch -- --ui
```

```
# Open the coverage report in your browser :  
open coverage/index.html  
  
# Run functional tests  
npm run test:functional  
  
# Run end to end tests  
npm run test:e2e  
  
# run coverage, functional and end to end tests  
npm run test  
# build for production  
rm -rf .svelte-kit  
npm run build  
  
# Testing the build with local server :  
npm run preview  
  
# Testing the build with MAMP (configured with self signed SSL) :  
mkdir /Applications/MAMP/htdocs/demos  
ln -s "$PWD/build" /Applications/MAMP/htdocs/demos/svelte-wp-display  
/Applications/Google\ Chrome.app/Contents/MacOS/Google\ Chrome \  
--user-data-dir=/tmp/foo --ignore-certificate-errors \  
--unsafely-treat-insecure-origin-as-secure=https://localhost \  
https://localhost/demos/svelte-wp-display  
  
# If you use GIT, save multi-branche logs :  
git log --branches --tags --remotes --full-history --date-order \  
--format='%ai;%f;%h' > git-logs.csv
```

## Add some unit tests

Starting from version 0.0.5, we ensure 100% coverage per release builds :

```
#####
# Our test organisation advice :
# => always create a specific test file for testing...
#
# Unit testings will focus on small parts of code

# Create a file in 'src' folder with '.test.ts' extension
touch ./src/components/wp-display/BuyThisStarter.test.ts

# Get inspiration from existing tests :
find . -type f -name '*.test.ts' -o \
\(-path ./node_modules -o -path ./tests \) \
-prune -false | sort | sed 's,\./, - ,g'
```

- src/components/core/configs/FontCustomizer.test.ts
- src/components/core/configs/LangSwitch.test.ts
- src/components/core/configs/ThemeToggler.test.ts
- src/components/wp-display/AppLogo.test.ts
- src/components/wp-display/AppMenu.test.ts
- src/components/wp-display/ui/BlogItem.test.ts
- src/components/wp-display/ui/BlogItemFullPage.test.ts
- src/components/wp-display/ui/BlogItemHeroCard.test.ts
- src/components/wp-display/ui/BlogItemHeroCardLight.test.ts
- src/components/wp-display/ui/BlogItemSummary.test.ts
- src/components/wp-display/ui/BlogList.test.ts
- src/components/wp-display/ui/Caroussel.test.ts
- src/components/wp-display/ui/CarousselWithGsap.test.ts
- src/components/wp-display/ui/CarousselWithSplide.test.ts
- src/components/wp-display/ui/DonateCard.test.ts
- src/components/wp-display/ui/MenuItem.test.ts
- src/components/wp-display/ui/Steps.test.ts
- src/components/wp-display/ui/Title.test.ts
- src/routes/(core)/[[i18n=i18n]]/mws/core/page.test.ts
- src/routes/(wp-display)/[[i18n=i18n]]/mws/wp-display/[t\_contact=i18n\_contact]/page.svelte.test.ts
- src/routes/(wp-display)/[[i18n=i18n]]/mws/wp-display/[t\_missions=i18n\_missions]/page.svelte.test.ts
- src/routes/(wp-display)/[[i18n=i18n]]/mws/wp-display/[t\_newsletter=i18n\_newsletter]/page.svelte.test.ts
- src/routes/(wp-display)/[[i18n=i18n]]/mws/wp-
display/[t\_visualIdentity=i18n\_visualIdentity]/page.svelte.test.ts
- src/routes/(wp-display)/[[i18n=i18n]]/mws/wp-display/error.svelte.test.ts
- src/routes/(wp-display)/[[i18n=i18n]]/mws/wp-display/page.svelte.test.ts
- src/service-worker.test.ts
- src/services/gc.test.ts
- src/services/init-i18n.test.ts

- src/services/logger.test.ts
- src/services/wp-display/request.test.ts
- src/stores/LocalStore.db.test.ts
- src/stores/app-config.browser.test.ts
- src/stores/app-config.browser.with-db.test.ts
- src/stores/app-config.test.ts
- src/stores/app-config.wp-display.test.ts
- src/stores/loaders.wp-display.test.ts
- src/stores/transformers.wp-display.test.ts

```
# We use vitest to launch and show coverage reports
# Use the watch mode if you're in building phase :
npm run test:unit:watch
# Watch mode for coverage score :
npm run test:coverage:watch
npm run test:coverage:watch src/components/wp-
display/ui/CarouselWithGsap.test.ts
```

## Add some functional tests

```
#####
# We used to test technico-functionnal features with thoses tests
# As for unit testes, English is the common language for thoses.
#
# Get inspiration from existing tests inside 'tests/functional' :
find ./tests/functional -type f -name '*.test.ts' \
| sort | sed 's,\./, - ,g'
```

- tests/functional/core/i18n-routings.test.ts
- tests/functional/core/lang-switch.test.ts
- tests/functional/core/theme-storage.test.ts
- tests/functional/wp-display/i18n-routings.test.ts
- tests/functional/wp-display/service-worker.test.ts

```
# Run specific test :
test:functional -- tests/functional/core/theme-storage.test.ts

# BE SURE to have playwright installed (it will warn you if not :)
npx playwright install

# Debug functional tests :
PWDEBUG=1 npm run test:functional tests/functional/wp-display/service-
worker.test.ts

# link build to MAMP :
mkdir /Applications/MAMP/htdocs/demos
ln -s "$PWD/build" /Applications/MAMP/htdocs/demos/svelte-wp-display
ls /Applications/MAMP/htdocs/demos/svelte-wp-display

# Debug functional with MAMP SSL build :
PWDEBUG=1 npm run test:functional:mamp tests/functional/wp-
display/service-worker.test.ts

# Run chrome for service worker debugs with chrome :
/Applications/Google\ Chrome.app/Contents/MacOS/Google\ Chrome \
--user-data-dir=/tmp/foo --ignore-certificate-errors \
--unsafely-treat-insecure-origin-as-secure=https://localhost
```

## Add some end to end tests

```
#####
# We used to test commercial-functionnal features with thoses tests
#
# We use codeception to write tests in our CLIENT'S language
# So we review the business functionality with the CLIENT'S language
#
# Get inspiration from existing tests inside 'tests/e2e' :
find ./tests/e2e -type f -name '*.test.ts' \
| sort | sed 's,\./, - ,g'
```

- tests/e2e/core/main-page.test.ts
- tests/e2e/wp-display/visual-identity.test.ts

```
# Run specific test :
test:e2e -- tests/e2e/core/main-page.test.ts

# if you change languages from tests/e2e/translations
# re-generate types with :
cd tests/e2e
npx codeceptjs def -c codecept.conf.cjs

# Then remove 'J' from imports and declare 'J' like 'Je' :
# interface J extends WithTranslation<Methods> {}
```

## Handle languages and translations

```
#####
# ADVICE for VSCode, use nice translation extension like :
# https://github.com/lokalise/i18n-ally
alias code="/Applications/Visual Studio Code.app/Contents/MacOS/Electron"

# If you get error :
#   [svelte-i18n]
#   Cannot format a message without first setting the initial locale.
# => MEANS you did update the 'locale' from locale.set() with null value
# OR that import initI18n from '@app/services/init-i18n';
# initI18n(); is missing BEFOR translation try.....

# list locales files :
ls src/locales

# if no file, mws-install did fail (run on `npm install`).
# Sources are in : src/mws-configs/wp-display/locales/

# To load our starter configs to your app, run :
npm run mws:install:wp-display

# BUT we advise you to build your own starter by duplicatings the files
# and then configure what to keep or change from it for your new starter
cp mws-install.wp-display.mjs mws-install.my-new-starter.mjs

# After duplication or change of your configs, you can now run :
npm run mws:install -- my-new-starter
# or dump back to src config for backup of dev config changes
npm run mws:install -- my-new-starter --dump-to-src

# i18n source usages :
# https://github.com/kaisermann/svelte-i18n/blob/main/docs/Svelte-Kit.md
# https://github.com/kaisermann/svelte-i18n

# setup starter languages and fallback defaults :
code src/services/init-i18n.ts

# setup language Switcher defaults, cf :
# allLocales in locale.subscribe(...) listener
code src/components/core/configs/LangSwitch.svelte

# translate from source code with i18n-ally extension :
# https://github.com/lokalise/i18n-ally
code src/routes/(app)/+page.svelte
```

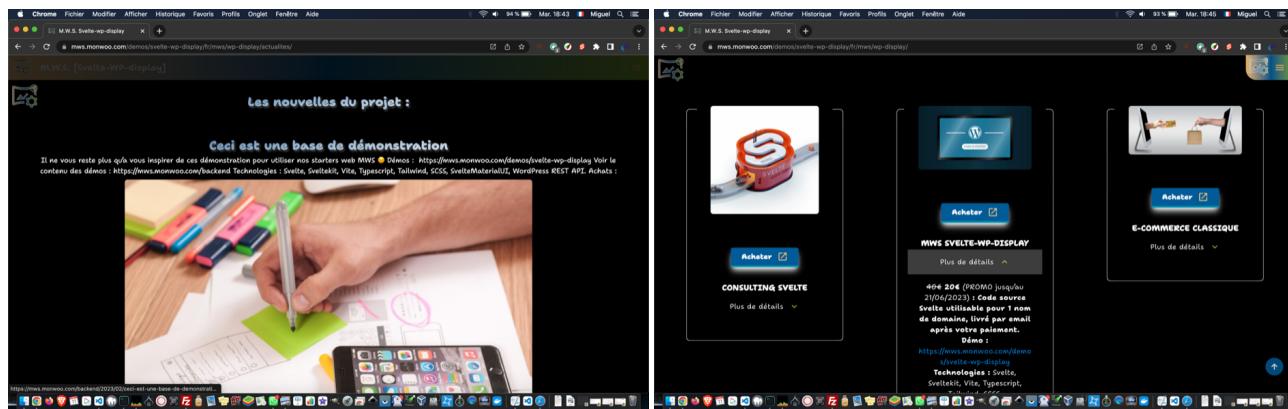
Be carfull with translations, they must be inside ONE html tag to work nicely in first load of pre-rendered html.

```
// WRONG : even if will work in dev,  
// production build will not hydrate for first load....  
<div class="p-7">  
    {@html $t('mws.core.routes.page.text_2')}  
    <p class="p-1">src/routes/(core)/mws/</p>  
</div>  
  
// OK, will work in DEV and PRODUCTION build :  
<div class="p-7">  
    <span>{@html $t('mws.core.routes.page.text_2')}</span>  
    <p class="p-1">src/routes/(core)/mws/</p>  
</div>
```

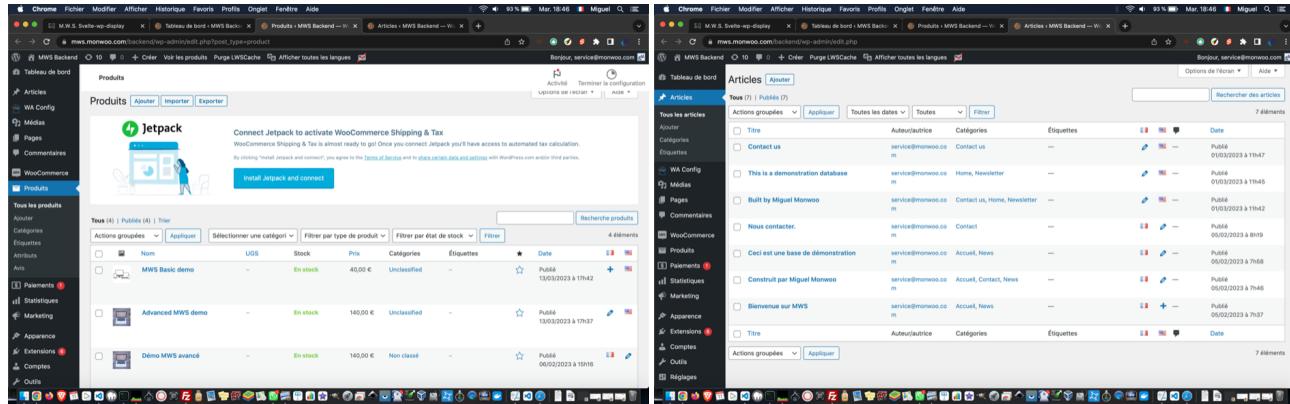
## User paths

01-A - Build from fresh server source if available

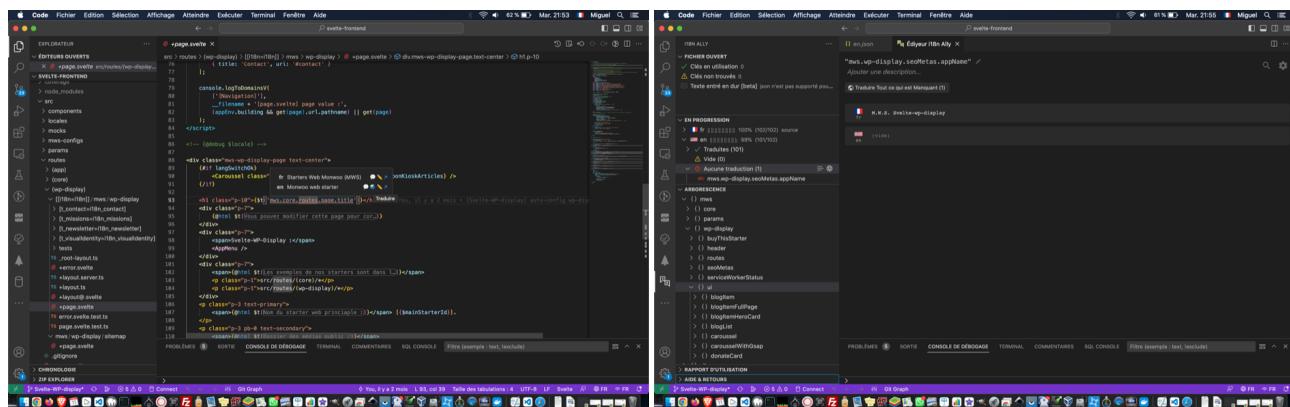
## 01-B - Show updated values from final build preview



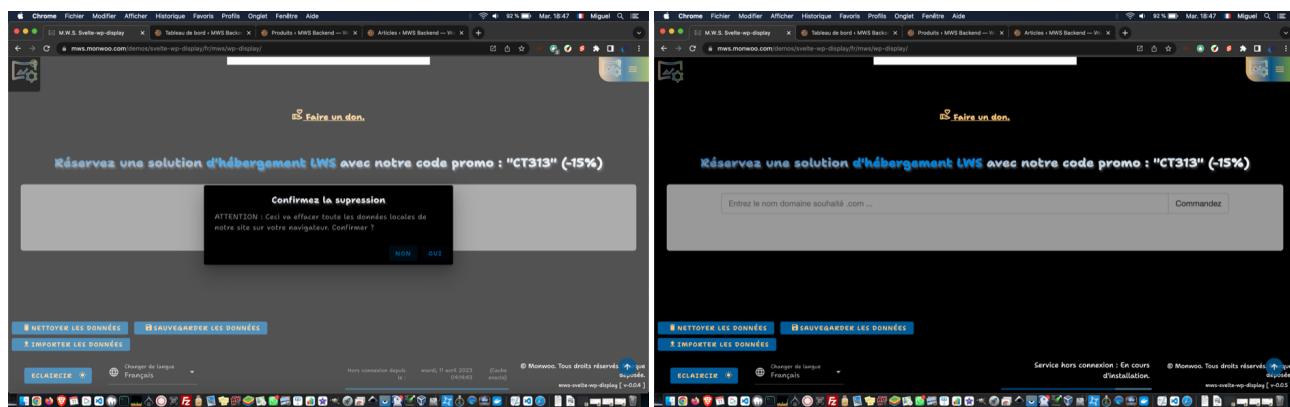
## 01-C - Edit data from backend to update frontend pre-rendered build



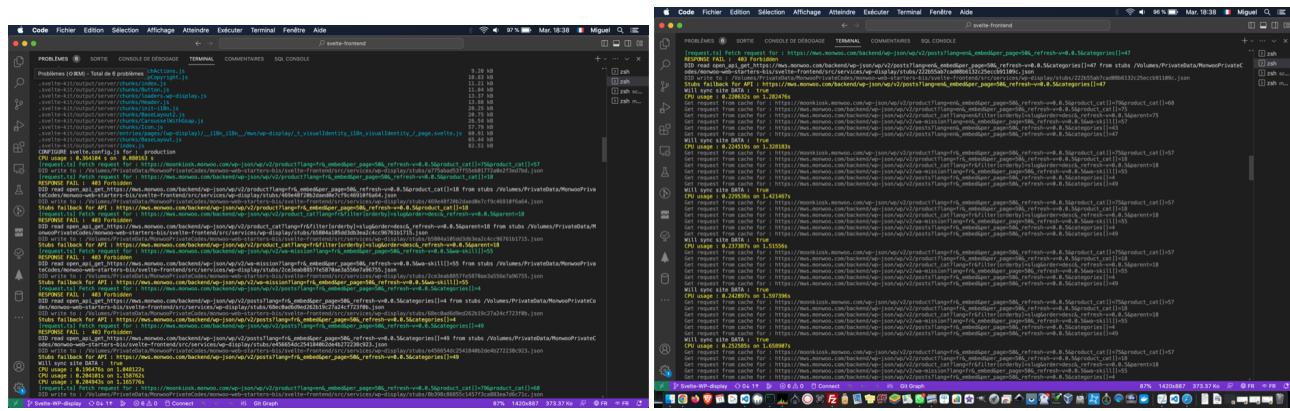
## 02 - Edit translations



## 03 - Use production website offline



## 04 - Use source development offline



05 - Keep unittest coverage at 100% of all rendered pages (Developper(s) point of view)

06 - Use functional tests closest to the production target (Dev team point of view)

## 07 - Use end to end tests for business values (Client point of view)

A screenshot of a Mac desktop environment. On the left, a browser window displays a 3D carousel of various Svelte UI components, including a logo, a card, and a modal. On the right, another browser window shows a mobile phone screen with a Svelte application running. Below the browsers, a terminal window shows the command-line interface for building Svelte components, with logs for 'svelte-identity' and 'svelte-carousel'. The desktop also has a dock at the bottom with icons for Finder, Mail, and other applications.