Symfony

```
PS C:\Users\alexi> mkdir slam


    Répertoire : C:\Users\alexi


Mode                LastWriteTime         Length Name
----                -------------         ------ ----
d-----       13/01/2026     14:22                slam

PS C:\Users\alexi> cd slam
PS C:\Users\alexi\slam> php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"
PS C:\Users\alexi\slam> php -r "if (hash_file('sha384', 'composer-setup.php') === 'c8b085408188070d5f52bcfe4ecfbee5f727afa458b2573b8eaaf77b3419b0bf2768dc67c869
44da1544f06fa544fd47') { echo 'Installer verified'.PHP_EOL; } else { echo 'Installer corrupt'.PHP_EOL; unlink('composer-setup.php'); exit(1); }"
Installer verified
PS C:\Users\alexi\slam> php composer-setup.php
All settings correct for using Composer
Downloading...

Composer (version 2.9.3) successfully installed to: C:\Users\alexi\slam\composer.phar
Use it: php composer.phar

PS C:\Users\alexi\slam> php -r "unlink('composer-setup.php');"
```

```
PS C:\Users\alexi\slam> php -v
PHP 8.2.12 (cli) (built: Oct 24 2023 21:15:15) (ZTS Visual C++ 2019 x64)
Copyright (c) The PHP Group
Zend Engine v4.2.12, Copyright (c) Zend Technologies
PS C:\Users\alexi\slam> Set-ExecutionPolicy RemoteSigned -Scope CurrentUser
>> irm get.scoop.sh | iex
Initializing...
Scoop is already installed. Run 'scoop update' to get the latest version.
Abort.
```

```
PS C:\Users\alexi\slam> scoop install symfony-cli
Updating Scoop...
Updating Buckets...
 * 801879abf90d tor: Update to version 0.4.8.21-15.0.4                          main        59 minutes ago
 * 5195029638e2 superfile: Update to version 1.5.0                              main        59 minutes ago
 * deabb0b04cda rumdl: Update to version 0.0.216                                main        59 minutes ago
 * 81f45a21b4c2 nconvert: Update to version 7.230                               main        59 minutes ago
 * 08f87d0d9a6b lefthook: Update to version 2.0.15                              main        59 minutes ago
 * 8bdabdae7dcf jenkins: Update to version 2.546                                main        59 minutes ago
 * 207c6ab4abe3 clink: Update to version 1.9.9                                  main        59 minutes ago
 * 58fc7035e7dd balena-cli: Update to version 23.2.18                           main        59 minutes ago
 * c5e5eefb564f argocd: Update to version 3.0.21                                main        59 minutes ago
 * 3c002d14397b vmr: Add version 0.7.5 (#7530)                                  main        3 hours ago
 * eab15aba07ab sing-box: Update to version 1.12.16                             main        5 hours ago
 * a7ef4683ad35 tombi: Update to version 0.7.19                                 main        9 hours ago
 * 15e3e5c3fadc sourcegraph-cli: Update to version 6.12.0                       main        9 hours ago
 * 6ee20fe5fbdd slang: Update to version 2026.1                                 main        9 hours ago
 * 5702192a1f40 railway: Update to version 4.23.2                               main        9 hours ago
 * 038ee327589e bun: Update to version 1.3.6                                    main        9 hours ago
 * 1b16a8fc9cdc azure-cli: Update to version 2.82.0                             main        9 hours ago
 * dde689e00c97 telegraf: Update to version 1.37.1                              main        13 hours ago
 * c511c290c960 railway: Update to version 4.23.1                               main        13 hours ago
 * 916cd6739181 mongodb-atlas-cli: Update to version 1.51.1                     main        13 hours ago
 * f10db4d0e124 fossa: Update to version 3.15.3                                 main        13 hours ago
 * 4fe4b4406c03 cuda: Update to version 13.1.1                                  main        13 hours ago
 * d3d4e9ca719a balena-cli: Update to version 23.2.17                           main        13 hours ago
 * 2c66f4185861 red: Update to version 12jan26                                  main        17 hours ago
 * eb852b2d0579 red-view: Update to version 12jan26                             main        17 hours ago
 * aea279e7efbd red-toolchain: Update to version 12jan26                        main        17 hours ago
 * 367234521343 dbmate: Update to version 2.29.3                                main        17 hours ago
 * 34a4d9076adc bazel: Update to version 8.5.1                                  main        17 hours ago
 * 15862db95bd6 aws: Update to version 2.32.33                                  main        17 hours ago
 * 998c207e49dc air: Update to version 1.64.0                                   main        17 hours ago
 * c12c2a0508b3 sqlite@3.51.2: Fix hash (Closes #7523)                          main        18 hours ago
 * d7e58bc116af sentry-cli: Update to version 3.1.0                             main        21 hours ago
 * c878ba2ffeb2 rumdl: Update to version 0.0.215                                main        21 hours ago
 * 012f85067063 ngrok: Update to version 3.35.0                                 main        21 hours ago
 * e495a2267022 meilisearch: Update to version 1.32.0                           main        21 hours ago
 * 9c6d807c5b34 kimi-cli: Update to version 0.76                                main        21 hours ago
 * 890e3517caf7 air: Update to version 1.63.9                                   main        21 hours ago
 * d45eef9473df updatecli: Update to version 0.113.0                            main        25 hours ago
 * 9125cf012b80 terraform-provider-ibm: Update to version 1.87.0                main        25 hours ago
 * 56a4f8a11676 rust-analyzer: Update to version 2026-01-12                     main        25 hours ago
 * d7348d9a0848 oxlint: Update to version 1.39.0                                main        25 hours ago
 * 279c8acab032 lefthook: Update to version 2.0.14                              main        25 hours ago
 * e029d28f672f jdtls: Update to version 1.56.0-202601121112                    main        25 hours ago
 * 271c8e680723 tombi: Add version 0.7.18 (#7333)                               main        26 hours ago
 * e570f90daa58 sqruff: Update to version 0.33.0                                main        29 hours ago
 * f47b4c5fa4a5 openshift-okd-client: Update to version 4.21.0-okd-sco..        main        29 hours ago
 * 23da27629b5b git-istage: Update to version 0.3.155                           main        33 hours ago
 * fa44a366e39b fastfetch: Update to version 2.57.0                             main        33 hours ago
 * 13d92005363c dbmate: Update to version 2.29.2                                main        33 hours ago
 * ef2548b43926 deno-lint.json - Fixed homepage (#7522)                         main        33 hours ago
```

```
 * d0f6d2dd9707 firebase: Update to version 15.2.1                              main        5 days ago
 * 9c3275a6e978 dotnet-core-uninstall: Update to version 1.7.661902             main        5 days ago
 * cb3bf79b2b39 csvlens: Update to version 0.15.1                               main        5 days ago
 * 82654a6e3f33 b3sum: Update to version 1.8.3                                  main        5 days ago
 * ea8a8adf426c b2: Update to version 4.5.0                                     main        5 days ago
 * bb002da3a75c syft: Update to version 1.40.0                                  main        5 days ago
 * e19f03b42818 surrealdb: Update to version 2.4.1                              main        5 days ago
 * 55e13dc674cd sqldef: Update to version 3.9.4                                 main        5 days ago
 * 3e4d4c5239dc sentry-cli: Update to version 3.0.3                             main        5 days ago
 * 4ce5a87e44be okteto: Update to version 3.15.0                                main        5 days ago
 * 6e47ef11b8ec mise: Update to version 2026.1.1                                main        5 days ago
 * 4794f003c9f8 jfrog: Update to version 2.88.0                                 main        5 days ago
 * 95d412e1ca98 hledger: Update to version 1.51.2                               main        5 days ago
 * 95ae1e21b70d grype: Update to version 0.104.4                                main        5 days ago
Scoop was updated successfully!
WARN  'symfony-cli' (5.16.1) is already installed.
Use 'scoop update symfony-cli' to install a new version.
PS C:\Users\alexi\slam>
```

```
PS C:\Users\alexi\slam> scoop install symfony-cli
WARN  'symfony-cli' (5.16.1) is already installed.
Use 'scoop update symfony-cli' to install a new version.
PS C:\Users\alexi\slam>
```

```
PS C:\Users\alexi\slam> scoop install symfony-cli
WARN  'symfony-cli' (5.16.1) is already installed.
Use 'scoop update symfony-cli' to install a new version.
PS C:\Users\alexi\slam> symfony -v
Symfony CLI version 5.16.1 (c) 2021-2026 Fabien Potencier (2025-11-25T07:30:20Z - stable)
Symfony CLI helps developers manage projects, from local code to remote infrastructure

These are common commands used in various situations:

Work on a project locally

  local:new                                          Create a new Symfony project
  local:server:start                                 Run a local web server
  local:server:stop                                  Stop the local web server
  local:check:security                               Check security issues in project dependencies
  composer                                           Runs Composer without memory limit
  console                                            Runs the Symfony Console (bin/console) for current project
  php, pecl, pear, php-fpm, php-cgi, php-config, phpdbg, phpize, pie   Runs the named binary using the configured PHP version

Manage a project on Cloud

  project:init              Initialize a new project using templates
  cloud:domain:list         Get a list of all domains
  cloud:environment:branch  Branch an environment
  cloud:environment:list    Get a list of environments
  cloud:environment:push    Push code to an environment
  cloud:environment:ssh     SSH to the current environment
  cloud:project:list        Get a list of all active projects
  cloud:tunnel:open         Open SSH tunnels to an app's relationships
  cloud:user:add            Add a user to the project
  cloud:variable:list       List variables

Show all commands with symfony.exe help,
Get help for a specific command with symfony.exe help COMMAND.
PS C:\Users\alexi\slam>
```

```
PS C:\Users\alexi\slam> symfony check:requirements

Symfony Requirements Checker
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

> PHP is using the following php.ini file:
C:\xampp\php\php.ini

> Checking Symfony requirements:

..............WWW......W..


  [OK]
  Your system is ready to run Symfony projects


Optional recommendations to improve your setup
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

 * intl extension should be available
   > Install and enable the intl extension (used for validators).

 * a PHP accelerator should be installed
   > Install and/or enable a PHP accelerator (highly recommended).

 * realpath_cache_size should be at least 5M in php.ini
   > Setting "realpath_cache_size" to e.g. "5242880" or "5M" in
   > php.ini* may improve performance on Windows significantly in some
   > cases.

 * "post_max_size" should be greater than "upload_max_filesize".
   > Set "post_max_size" to be greater than "upload_max_filesize".


Note   The command console can use a different php.ini file
~~~~   than the one used by your web server.
       Please check that both the console and the web server
       are using the same PHP version and configuration.

PS C:\Users\alexi\slam>
```

```
PS C:\Users\alexi\slam> symfony new biblios --version="7.0.*" --webapp
* Creating a new Symfony 7.0.* project with Composer
* Setting up the project under Git version control
  (running git init C:\Users\alexi\slam\biblios)

./composer.json has been updated
Running composer update symfony/webapp-pack
Loading composer repositories with package information
Restricting packages listed in "symfony/symfony" to "7.0.*"
Updating dependencies
Your requirements could not be resolved to an installable set of packages.

  Problem 1
    - Root composer.json requires symfony/runtime 7.0.*, found symfony/runtime[v7.0.0, v7.0.3, v7.0.7, v7.0.8] but these were not loaded, because they are affected by security advisories ("PKSA-dlrr-z8zb-qnm7"). Go to https://packagist.org/security-advisories/ t
o find advisory details. To ignore the advisories, add them to the audit "ignore" config. To turn the feature off entirely, you can set "block-insecure" to false in your "audit" config.
  Problem 2
    - Root composer.json requires symfony/framework-bundle 7.0.* -> satisfiable by symfony/framework-bundle[v7.0.0, ..., v7.0.10].
    - symfony/framework-bundle[v7.0.0, ..., v7.0.10] require symfony/http-foundation ^6.4|^7.0 -> found symfony/http-foundation[v6.4.0, ..., v6.4.31, v7.0.0, ..., v7.4.3] but these were not loaded, because they are affected by security advisories ("PKSA-365x-2zj
k-pt47", "PKSA-b35n-565h-rs4q"). Go to https://packagist.org/security-advisories/ to find advisory details. To ignore the advisories, add them to the audit "ignore" config. To turn the feature off entirely, you can set "block-insecure" to false in your "audit" c
onfig.

Installation failed, reverting ./composer.json and ./composer.lock to their original content.

  unable to run C:\xampp\php\php.exe C:\Users\alexi\slam\composer.phar require webapp --no-interaction

% PS C:\Users\alexi\slam>
```

```
PS C:\Users\alexi\slam> php composer.phar config --global audit.block-insecure false
PS C:\Users\alexi\slam> symfony new biblios --version="7.0.*" --webapp --no-git

    Project directory biblios is not empty

PS C:\Users\alexi\slam> Remove-Item -Recurse -Force .\biblios
PS C:\Users\alexi\slam> symfony new biblios --version="7.0.*" --webapp --no-git
  * Creating a new Symfony 7.0.* project with Composer
```
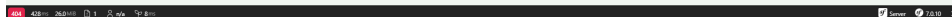
```
PS C:\Users\alexi\slam> symfony new biblios --version="7.0.*" -
  * Creating a new Symfony 7.0.* project with Composer
  ./composer.json has been updated
  Running composer update symfony/webapp-pack
  Loading composer repositories with package information
  Restricting packages listed in "symfony/symfony" to "7.0.*"
  Updating dependencies
  Lock file operations: 104 installs, 0 updates, 0 removals
    - Locking composer/semver (3.4.4)
    - Locking doctrine/collections (2.5.1)
    - Locking doctrine/dbal (4.4.1)
    - Locking doctrine/deprecations (1.1.5)
    - Locking doctrine/doctrine-bundle (2.18.2)
    - Locking doctrine/doctrine-migrations-bundle (3.7.0)
    - Locking doctrine/event-manager (2.0.1)
    - Locking doctrine/inflector (2.1.0)
    - Locking doctrine/instantiator (2.0.0)
    - Locking doctrine/lexer (3.0.1)
    - Locking doctrine/migrations (3.9.5)
    - Locking doctrine/orm (3.6.1)
    - Locking doctrine/persistence (3.4.3)
    - Locking doctrine/sql-formatter (1.5.3)
    - Locking egulias/email-validator (4.0.4)
    - Locking masterminds/html5 (2.10.0)
    - Locking monolog/monolog (3.10.0)
    - Locking myclabs/deep-copy (1.13.4)
    - Locking nikic/php-parser (v5.7.0)
    - Locking phar-io/manifest (2.0.4)
    - Locking phar-io/version (3.2.1)
    - Locking phpdocumentor/reflection-common (2.2.0)
    - Locking phpdocumentor/reflection-docblock (6.0.0)
    - Locking phpdocumentor/type-resolver (2.0.0)
    - Locking phpstan/phpdoc-parser (2.3.1)
    - Locking phpunit/php-code-coverage (11.0.12)
    - Locking phpunit/php-file-iterator (5.1.0)
    - Locking phpunit/php-invoker (5.0.1)
    - Locking phpunit/php-text-template (4.0.1)
    - Locking phpunit/php-timer (7.0.1)
    - Locking phpunit/phpunit (11.5.46)
    - Locking psr/clock (1.0.0)
    - Locking psr/link (2.0.1)
    - Locking sebastian/cli-parser (3.0.2)
    - Locking sebastian/code-unit (3.0.3)
    - Locking sebastian/code-unit-reverse-lookup (4.0.1)
    - Locking sebastian/comparator (6.3.2)
    - Locking sebastian/complexity (4.0.1)
    - Locking sebastian/diff (6.0.2)
    - Locking sebastian/environment (7.2.1)
    - Locking sebastian/exporter (6.3.2)
    - Locking sebastian/global-state (7.0.2)
    - Locking sebastian/lines-of-code (3.0.1)
    - Locking sebastian/object-enumerator (6.0.1)
```

Welcome to
Symfony 7

You are using Symfony **7.0.10** version

Your application is ready at:
C:\Users\alexi\slam\biblios\

You are seeing this page because the homepage URL is not configured and debug mode is enabled.

NEXT STEP Create your first page to replace this placeholder page.

Learn
- Read Symfony Docs
- Watch Symfony Screencast
- Read Symfony Book

Community & Support
- Symfony Support
- Join the Symfony Community
- Contribute to Symfony

Stay Updated
- Symfony Blog
- Follow Symfony
- Attend Symfony Events

```
PS C:\Users\alexi\slam\biblios> symfony console list
Symfony 7.0.10 (env: dev, debug: true)

Usage:
  command [options] [arguments]

Options:
  -h, --help            Display help for the given command. When no command is given display help for the list command
  -q, --quiet           Do not output any message
  -V, --version         Display this application version
      --ansi|--no-ansi  Force (or disable --no-ansi) ANSI output
  -n, --no-interaction  Do not ask any interactive question
  -e, --env=ENV         The Environment name. [default: "dev"]
      --no-debug        Switch off debug mode.
      --profile         Enables profiling (requires debug).
  -v|vv|vvv, --verbose  Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug

Available commands:
  about                                 Display information about the current project
  completion                            Dump the shell completion script
  help                                  Display help for a command
  list                                  List commands
 asset-map
  asset-map:compile                     Compile all mapped assets and writes them to the final public output directory
 assets
  assets:install                        Install bundle's web assets under a public directory
 cache
  cache:clear                           Clear the cache
  cache:pool:clear                      Clear cache pools
  cache:pool:delete                     Delete an item from a cache pool
  cache:pool:invalidate-tags            Invalidate cache tags for all or a specific pool
  cache:pool:list                       List available cache pools
  cache:pool:prune                      Prune cache pools
  cache:warmup                          Warm up an empty cache
 config
  config:dump-reference                 Dump the default configuration for an extension
 dbal
  dbal:run-sql                          Executes arbitrary SQL directly from the command line.
 debug
  debug:asset-map                       Output all mapped assets
  debug:autowiring                      List classes/interfaces you can use for autowiring
  debug:config                          Dump the current configuration for an extension
  debug:container                       Display current services for an application
  debug:dotenv                          List all dotenv files with variables and values
  debug:event-dispatcher                Display configured listeners for an application
  debug:firewall                        Display information about your security firewall(s)
  debug:form                            Display form type information
  debug:messenger                       List messages you can dispatch using the message buses
  debug:router                          Display current routes for an application
  debug:serializer                      Display serialization information for classes
  debug:translation                     Display translation messages information
  debug:twig                            Show a list of twig functions, filters, globals and tests
  debug:validator                       Display validation constraints for classes
 doctrine
  doctrine:cache:clear-collection-region   Clear a second-level cache collection region
```

```
PS C:\Users\alexi\slam\biblios> symfony console list
  make:auth                            Create a Guard authenticator of different flavors
  make:command                         Create a new console command class
  make:controller                      Create a new controller class
  make:crud                            Create CRUD for Doctrine entity class
  make:docker:database                 Add a database container to your compose.yaml file
  make:entity                          Create or update a Doctrine entity class, and optionally an API Platform resource
  make:fixtures                        Create a new class to load Doctrine fixtures
  make:form                            Create a new form class
  make:listener                        [make:subscriber] Creates a new event subscriber class or a new event listener class
  make:message                         Create a new message and handler
  make:messenger-middleware            Create a new messenger middleware
  make:migration                       Create a new migration based on database changes
  make:registration-form               Create a new registration form system
  make:reset-password                  Create controller, entity, and repositories for use with symfonycasts/reset-password-bundle
  make:schedule                        Create a scheduler component
  make:security:custom                 Create a custom security authenticator.
  make:security:form-login             Generate the code needed for the form_login authenticator
  make:serializer:encoder              Create a new serializer encoder class
  make:serializer:normalizer           Create a new serializer normalizer class
  make:stimulus-controller             Create a new Stimulus controller
  make:test                            [make:unit-test|make:functional-test] Create a new test class
  make:twig-component                  Create a Twig (or Live) component
  make:twig-extension                  Create a new Twig extension with its runtime class
  make:user                            Create a new security user class
  make:validator                       Create a new validator and constraint class
  make:voter                           Create a new security voter class
  make:webhook                         Create a new Webhook
 messenger
  messenger:consume                    Consume messages
  messenger:failed:remove              Remove given messages from the failure transport
  messenger:failed:retry               Retry one or more messages from the failure transport
  messenger:failed:show                Show one or more messages from the failure transport
  messenger:setup-transports           Prepare the required infrastructure for the transport
  messenger:stats                      Show the message count for one or more transports
  messenger:stop-workers               Stop workers after their current message
 router
  router:match                         Help debug routes by simulating a path info match
 secrets
  secrets:decrypt-to-local             Decrypt all secrets and stores them in the local vault
  secrets:encrypt-from-local           Encrypt all local secrets to the vault
  secrets:generate-keys                Generate new encryption keys
  secrets:list                         List all secrets
  secrets:remove                       Remove a secret from the vault
  secrets:set                          Set a secret in the vault
 security
  security:hash-password               Hash a user password
 server
  server:dump                          Start a dump server that collects and displays dumps in a single place
  server:log                           Start a log server that displays logs in real time
 translation
  translation:extract                  Extract missing translations keys from code to translation files
  translation:pull                     Pull translations from a given provider.
  translation:push                     Push translations to a given provider.
PS C:\Users\alexi\slam\biblios>
```

Symfony

```
● PS C:\Users\alexi\slam\biblios> symfony console list make
Symfony 7.0.10 (env: dev, debug: true)

Usage:
  command [options] [arguments]

Options:
  -h, --help            Display help for the given command. When no command is given display help for the list command
  -q, --quiet           Do not output any message
  -V, --version         Display this application version
      --ansi|--no-ansi  Force (or disable --no-ansi) ANSI output
  -n, --no-interaction  Do not ask any interactive question
  -e, --env=ENV         The Environment name. [default: "dev"]
      --no-debug        Switch off debug mode.
      --profile         Enables profiling (requires debug).
  -v|vv|vvv, --verbose  Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug

Available commands for the "make" namespace:
  make:auth                    Create a Guard authenticator of different flavors
  make:command                 Create a new console command class
  make:controller              Create a new controller class
  make:crud                    Create CRUD for Doctrine entity class
  make:docker:database         Add a database container to your compose.yaml file
  make:entity                  Create or update a Doctrine entity class, and optionally an API Platform resource
  make:fixtures                Create a new class to load Doctrine fixtures
  make:form                    Create a new form class
  make:functional-test         Create a new test class
  make:listener                [make:subscriber] Creates a new event subscriber class or a new event listener class
  make:message                 Create a new message and handler
  make:messenger-middleware    Create a new messenger middleware
  make:migration               Create a new migration based on database changes
  make:registration-form       Create a new registration form system
  make:reset-password          Create controller, entity, and repositories for use with symfonycasts/reset-password-bundle
  make:schedule                Create a scheduler component
  make:security:custom         Create a custom security authenticator.
  make:security:form-login     Generate the code needed for the form_login authenticator
  make:serializer:encoder      Create a new serializer encoder class
  make:serializer:normalizer   Create a new serializer normalizer class
  make:stimulus-controller     Create a new Stimulus controller
  make:subscriber              Creates a new event subscriber class or a new event listener class
  make:test                    [make:unit-test|make:functional-test] Create a new test class
  make:twig-component          Create a Twig (or Live) component
  make:twig-extension          Create a new Twig extension with its runtime class
  make:unit-test               Create a new test class
  make:user                    Create a new security user class
  make:validator               Create a new validator and constraint class
  make:voter                   Create a new security voter class
  make:webhook                 Create a new Webhook
○ PS C:\Users\alexi\slam\biblios>
```

```
PS C:\Users\alexi\slam\biblios> symfony console make:controller

 Choose a name for your controller class (e.g. FierceGnomeController):
 > Awesome

 Do you want to generate PHPUnit tests? [Experimental] (yes/no) [no]:
 > no

 created: src/Controller/AwesomeController.php
 created: templates/awesome/index.html.twig


  Success!


 Next: Open your new controller class and add some pages!
○ PS C:\Users\alexi\slam\biblios>
```
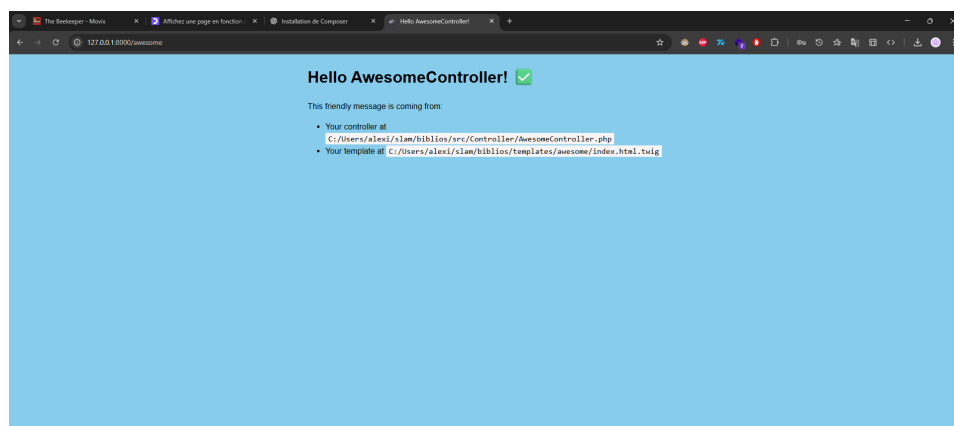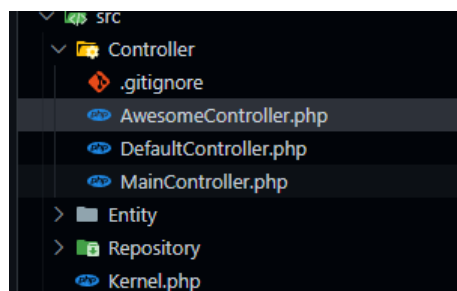
Alexis DE JESUS