



# COMPOSER

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☰ Categoría	Des.Servidor
🕒 Fecha de última actualización	@21 de noviembre de 2025 9:36

## INSTALAR COMPOSER EN EL CONTENEDOR

- creacion de alias para interactuar con composer
- 

```
composer.json
{
    "autoload": {
        "classmap": ["./class"]
    }
}
```

```
composer-docker(){
PROJECT=$(basename "$PWD")
docker exec web bash -c "cd /var/www/html/$PROJECT && composer $@"
}
```

```
alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/composer$ composer-docker update
Loading composer repositories with package information
Updating dependencies
Nothing to modify in lock file
Writing lock file
Installing dependencies from lock file (including require-dev)
Nothing to install, update or remove
Generating autoload files
No installed packages - skipping audit.
alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/composer$
```

NAMESPACES: Un **namespace** es una forma de organizar clases, funciones e interfaces evitando conflictos entre nombres

## iniciar composer en un proyecto

```
alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/Instituto$ composer-docker init
```

```
alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/Instituto$ sudo chown alumno:alumno *  
[sudo] contraseña para alumno:  
Lo siento, pruebe otra vez.  
[sudo] contraseña para alumno:  
alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/Instituto$ ls -la  
total 8  
drwxrwxr-x 1 alumno alumno 0 nov 20 09:33 .  
drwxrwxr-x 1 alumno alumno 4096 nov 20 09:31 ..  
-rw-r--r-- 1 alumno alumno 52 nov 20 09:33 composer.json  
drwxrwxr-x 1 alumno alumno 4096 nov 20 09:32 .idea
```

```
alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/Instituto$ composer-docker update  
Composer could not detect the root package (root/instituto) version, defaulting to '1.0.0'. See https://getcomposer.org/root-version  
n  
Loading composer repositories with package information  
Updating dependencies  
Nothing to modify in lock file  
Writing lock file  
Installing dependencies from lock file (including require-dev)  
Nothing to install, update or remove  
Generating autoload files  
No installed packages - skipping audit.
```

<https://fakerphp.org/>

- Agregar libreria

```
alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/Instituto$ composer-docker require fakerphp/faker  
Composer could not detect the root package (root/instituto) version, defaulting to '1.0.0'. See https://getcomposer.org/root-version  
n  
.composer.json has been updated  
Composer could not detect the root package (root/instituto) version, defaulting to '1.0.0'. See https://getcomposer.org/root-version  
n  
Running composer update  
Loading composer repositories with package information  
Updating dependencies  
Nothing to modify in lock file  
Writing lock file  
Installing dependencies from lock file (including require-dev)  
Nothing to install, update or remove  
Generating autoload files  
No installed packages - skipping audit.  
alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/Instituto$
```

- (si aparece esta salida,entramos al contenedor con terminal interactiva y:
  - apt update
  - apt get-install unzip
  - exit
- )

Salida correcta:

```

alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/Instituto$ composer-docker require fakerphp/faker
Composer could not detect the root package (root/instituto) version, defaulting to '1.0.0'. See https://getcomposer.org/root-version
./composer.json has been updated
Composer could not detect the root package (root/instituto) version, defaulting to '1.0.0'. See https://getcomposer.org/root-version
Running composer update
Loading composer repositories with package information
Updating dependencies
Nothing to modify in lock file
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 3 installs, 0 updates, 0 removals
  - Downloading symfony/deprecation-contracts (v3.6.0)
  - Downloading psr/container (2.0.2)
  - Downloading fakerphp/faker (v1.24.1)
0/3 [>-----] 0%
2/3 [=====] 66%
3/3 [=====] 100%
  - Installing symfony/deprecation-contracts (v3.6.0): Extracting archive
  - Installing psr/container (2.0.2): Extracting archive
  - Installing fakerphp/faker (v1.24.1): Extracting archive
0/3 [>-----] 0%
3/3 [=====] 100%
Generating autoload files
1 package you are using is looking for funding.
Use the 'composer fund' command to find out more!
No security vulnerability advisories found.
alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/Instituto$ 

```

## INSTALAR COMPOSER EN LA MAQUINA LOCAL

para evitar fallos y circunstancias en docker

<https://getcomposer.org/download/>

```

alumno@E900: $ php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"
alumno@E900: $ php -r "if (hash_file('sha384', 'composer-setup.php') === 'c8b085408188070d5f52bcfe4ecfbef5f727afa458b2573b8eaf77b3419b0bf2768dc67c86944da1544f06fa544fd47') { echo 'Installer verified'; } else { echo 'Installer corrupt'; } exit(1); "
Installer verified
alumno@E900: $ php composer-setup.php
All settings correct for using Composer
Downloading...
Composer (version 2.9.2) successfully installed to: /home/alumno/composer.phar
Use it: php composer.phar

alumno@E900: $ php -r "unlink('composer-setup.php');"
alumno@E900: $ 

```

```

> [[[[A'[[D[[IA'C
alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/Instituto$ composer require fakerphp/faker
./composer.json has been updated
Running composer update fakerphp/faker
Loading composer repositories with package information
Updating dependencies
Lock file operations: 3 installs, 0 updates, 0 removals
  - Locking fakerphp/faker (v1.24.1)
  - Locking psr/container (2.0.2)
  - Locking symfony/deprecation-contracts (v3.6.0)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 3 installs, 0 updates, 0 removals
  - Downloading symfony/deprecation-contracts (v3.6.0)
  - Downloading psr/container (2.0.2)
  - Downloading fakerphp/Faker (v1.24.1)
  - Installing symfony/deprecation-contracts (v3.6.0): Extracting archive
  - Installing psr/container (2.0.2): Extracting archive
  - Installing fakerphp/faker (v1.24.1): Extracting archive
3 package suggestions were added by new dependencies, use 'composer suggest' to see details.
Generating autoload files
1 package you are using is looking for funding.
Use the 'composer fund' command to find out more!
No security vulnerability advisories found.
Using version "1.24" for fakerphp/faker
alumno@E900:/media/alumno/DatosD1/Iria_DawD/DAW2/DesarrolloServer/php/app/Instituto$ 

```

## COMO UTILIZAR LA LIBRERIA