



COMPOSER

👤 Creado por	👤 iria alvarez
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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 x
1 {
2     "autoload": {
3         "classmap": [".class"]
4     }
5 }
```

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

```
alumno@E900:/media/alumno/DatosD1/Iria_Daw0/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.
```

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
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
./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)
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') === 'c8b085408188070d5f52bcfe4ecfbee5f727afa458b2573b8eaa77b3419b0bf2768dc67c86944da1544f06fa544fd47') { echo 'Ins
taller verified'.PHP_EOL; } else { echo 'Installer corrupt'.PHP_EOL; unlink('composer-setup.php'); 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:~$

```

```

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