

PyPI Package Registry



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Publish [PyPI](#) packages for your user or organization.

Requirements

To work with the PyPI package registry, you need to use the tools [pip](#) to consume and [twine](#) to publish packages.

Configuring the package registry

To register the package registry you need to edit your local `~/.pypirc` file. Add

```
[distutils]
index-servers = forgejo

[forgejo]
repository = https://forgejo.example.com/api/packages/{owner}/pypi
username = {username}
password = {password}
```

Placeholder	Description
<code>owner</code>	The owner of the package.
<code>username</code>	Your Forgejo username.

Placeholder	Description
<code>password</code>	Your Forgejo password. If you are using 2FA or OAuth use a personal access token instead of the password.

Publish a package

Publish a package by running the following command:

```
python3 -m twine upload --repository forgejo /path/to/files/*
```

The package files have the extensions `.tar.gz` and `.whl`.

You cannot publish a package if a package of the same name and version already exists. You must delete the existing package first.

Install a package

To install a PyPI package from the package registry, execute the following command:

```
pip install --index-url  
https://{username}:{password}@forgejo.example.com/api/packages/{owner}/pypi/simple --no-deps  
{package_name}
```

Parameter	Description
<code>username</code>	Your Forgejo username.
<code>password</code>	Your Forgejo password or a personal access token.
<code>owner</code>	The owner of the package.
<code>package_name</code>	The package name.

For example:

```
pip install --index-url  
https://testuser:password123@forgejo.example.com/api/packages/testuser/pypi/simple --no-deps  
test_package
```

You can use `--extra-index-url` instead of `--index-url` but that makes you vulnerable to dependency confusion attacks because `pip` checks the official PyPI repository for the package

before it checks the specified custom repository. Read the `pip` docs for more information.

Supported commands

```
pip install
twine upload
```

```
[[[ #3
[ cocobook-sync [[ 2026-10-28 16:38:54 UTC
[ cocobook-sync [[ 2026-10-29 01:09:32 UTC
```