Composer Package Registry

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Publish Composer packages for your user or organization.

Requirements

To work with the Composer package registry, you can use Composer to consume and a HTTP upload client like `curl` to publish packages.

Publish a package

To publish a Composer package perform a HTTP PUT operation with the package content in the request body. The package content must be the zipped PHP project with the `composer.json` file.

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

```
PUT https://forgejo.example.com/api/packages/{owner}/composer
```

Parameter	Description
`owner`	The owner of the package.

If the `composer.json` file does not contain a `version` property, you must provide it as a query parameter:

```
PUT https://forgejo.example.com/api/packages/{owner}/composer?version={x.y.z}
```

Example request using HTTP Basic authentication:

```
curl --user your_username:your_password_or_token \
     --upload-file path/to/project.zip \
     https://forgejo.example.com/api/packages/testuser/composer
```

Or specify the package version as query parameter:

```
curl --user your_username:your_password_or_token \
     --upload-file path/to/project.zip \
     https://forgejo.example.com/api/packages/testuser/composer?version=1.0.3
```

If you are using 2FA or OAuth use a personal access token instead of the password.

The server responds with the following HTTP Status codes.

HTTP Status Code	Meaning
`201 Created`	The package has been published.
`400 Bad Request`	The package is invalid.
`409 Conflict`	A package file with the same combination of parameters exists already.

Configuring the package registry

To register the package registry you need to add it to the Composer `config.json` file (which can usually be found under `~/.composer/config.json`):

```
{
  "repositories": [
    {
      "type": "composer",
      "url": "https://forgejo.example.com/api/packages/{owner}/composer"
    }
  ]
}
```

To access the package registry using credentials, you must specify them in the `auth.json` file as follows:

```
{
  "http-basic": {
    "forgejo.example.com": {
      "username": "{username}",
      "password": "{password}"
    }
  }
}
```

Parameter	Description
`owner`	The owner of the package.
`username`	Your Forgejo username.
`password`	Your Forgejo password or a personal access token.

Install a package

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

```
composer require {package_name}
```

Optional you can specify the package version:

```
composer require {package_name}:{package_version}
```

Parameter	Description
`package_name`	The package name.
`package_version`	The package version.

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□ cocobook-sync □□□ 2026-10-28 16:38:34 UTC
□ cocobook-sync □□□ 2026-10-29 01:09:31 UTC