

Alpine Packages Repository



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

Requirements

To work with the Alpine registry, you need to use a HTTP client like `curl` to upload and a package manager like `apk` to consume packages.

The following examples use `apk`.

Configuring the package registry

To register the Alpine registry add the url to the list of known apk sources (`/etc/apk/repositories`):

```
https://forgejo.example.com/api/packages/{owner}/alpine/<branch>/<repository>
```

Placeholder	Description
<code>owner</code>	The owner of the packages.
<code>branch</code>	The branch to use.
<code>repository</code>	The repository to use.

If the registry is private, provide credentials in the url. You can use a password or a [personal access token](#):

```
https://{username}:{your_password_or_token}@forgejo.example.com/api/packages/{owner}/alpine/<branch>/<repository>
```

The Alpine registry files are signed with a RSA key which must be known to `apk`. Download the public key and store it in `/etc/apk/keys/`:

```
curl -JO https://forgejo.example.com/api/packages/{owner}/alpine/key
```

Afterwards update the local package index:

```
apk update
```

Publish a package

To publish an Alpine package (`*.apk`), perform a HTTP `PUT` operation with the package content in the request body.

```
PUT https://forgejo.example.com/api/packages/{owner}/alpine/{branch}/{repository}
```

Parameter	Description
<code>owner</code>	The owner of the package.
<code>branch</code>	The branch may match the release version of the OS, ex: <code>v3.20</code> .
<code>repository</code>	The repository can be used to group packages or just <code>main</code> or similar.

Example request using HTTP Basic authentication:

```
curl --user your_username:your_password_or_token \
  --upload-file path/to/file.apk \
  https://forgejo.example.com/api/packages/testuser/alpine/v3.20/main
```

If you are using 2FA or OAuth use a [personal access token](#) instead of the password.

You cannot publish a file with the same name twice to a package. You must delete the existing package file first.

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 name, version, branch, repository or architecture are invalid.
409 Conflict	A package file with the same combination of parameters exist already in the package.

Delete a package

To delete an Alpine package perform a HTTP `DELETE` operation. This will delete the package version too if there is no file left.

DELETE

https://forgejo.example.com/api/packages/{owner}/alpine/{branch}/{repository}/{architecture}/{filename}

Parameter	Description
owner	The owner of the package.
branch	The branch to use.
repository	The repository to use.
architecture	The package architecture.
filename	The file to delete.

Example request using HTTP Basic authentication:

curl --user your_username:your_token_or_password -X DELETE \

https://forgejo.example.com/api/packages/testuser/alpine/v3.20/main/test-package-

1.0.0.apk

The server responds with the following HTTP Status codes.

HTTP Status Code	Meaning
204 No Content	Success
404 Not Found	The package or file was not found.

Install a package

To install a package from the Alpine registry, execute the following commands:

```
# use latest version
apk add {package_name}

# use specific version
apk add {package_name}={package_version}
```

```
[[[ #3
[[ cocobook-sync [[ 2026-10-28 16:38:26 UTC
[[ cocobook-sync [[ 2026-10-29 01:09:31 UTC
```