

ALT Package Registry



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

Requirements

To work with the ALT registry, you need to use a HTTP client like `curl` to upload and a package manager like `apt-get` to consume packages.

NOTE: In ALT Linux, the `apt-get` command is provided by [APT-RPM](#), a version of APT adapted for RPM packages. This differs from the APT used in Debian or Ubuntu, which is designed for DEB packages.

The following examples use `apt-get`.

Configuring the package registry

To register the RPM registry add the url to the list of known sources to the config file in the `/etc/apt/sources.list.d/` directory:

```
rpm https://forgejo.example.com/api/packages/{owner}/alt/{group}.repo {arch} classic
```

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

Placeholder	Description
<code>group</code>	Optional: Everything, e.g. empty, <code>example1</code> , <code>test/example1</code> .
<code>arch</code>	Architecture.

Example:

```
# without a group and architecture x86_64
rpm https://forgejo.example.com/api/packages/testuser/alt/alt.repo x86_64 classic

# with the group 'example1' and architecture noarch
rpm https://forgejo.example.com/api/packages/testuser/alt/group/example1.repo noarch classic
```

If the registry is private, provide credentials in the URL. You can use a password or a personal access token:

```
rpm
https://{username}:{your_password_or_token}@forgejo.example.com/api/packages/{owner}/alt/{group}.repo {arch} classic
```

You have to add the credentials to the URLs in the created `.list` file in `/etc/apt/sources.list.d/` too.

Publish a package

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

```
PUT https://forgejo.example.com/api/packages/{owner}/alt/{group}/upload
```

Parameter	Description
<code>owner</code>	The owner of the package.
<code>group</code>	Optional: Everything, e.g. empty, <code>example1</code> , <code>test/example1</code> .

Example request using HTTP Basic authentication:

```
# without a group
curl --user your_username:your_password_or_token \
      --upload-file path/to/file.rpm \
```

```
https://forgejo.example.com/api/packages/testuser/alt/upload
# with the group 'group/example1'
curl --user your_username:your_password_or_token \
      --upload-file path/to/file.rpm \
      https://forgejo.example.com/api/packages/testuser/alt/group/example1/upload
```

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 version 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 is invalid.
409 Conflict	A package file with the same combination of parameters exist already in the package.

Delete a package

To delete a RPM 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}/alt/{group}.repo/{architecture}/RPMS.classic/
{package_file_name.rpm}
```

Parameter	Description
owner	The owner of the package.
group	Optional: The package group.
package_file_name.rpm	The package file name.
architecture	The package architecture.

Example request using HTTP Basic authentication:

```
# without a group
curl --user your_username:your_token_or_password -X DELETE \
      https://forgejo.example.com/api/packages/testuser/alt/alt.repo/x86_64/RPMS.classic/test-
```

```
package.rpm
```

```
# with the group 'group/example1'
```

```
curl --user your_username:your_token_or_password -X DELETE \
```

```
https://forgejo.example.com/api/packages/testuser/alt/group/example1.repo/x86_64/RPMS.classic/  
test-package.rpm
```

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 RPM registry, execute the following commands:

```
# use latest version
```

```
apt-get install {package_name}
```

```
# use specific version
```

```
apt-get install {package_name}-{package_version}
```

```
## #1
```

```
 cocobook-sync ## 2025-01-22 22:05:43 UTC
```

```
 cocobook-sync ## 2026-05-02 01:14:42 UTC
```