

[Skip to main content](#)

[\\_\\_Back to top](#)

[\\_\\_`Ctrl`+`K`](#)

[ [!conda 25.1.2.dev29 documentation -](#)

[Home\]\(../../../../../../\\_static/conda\\_logo\\_full.svg\)](#)

[\]\(../../../../../../index.html\)](#)

\* [\[Conda\]\(https://docs.conda.io/projects/conda/\)](#)

\* [\[Conda-build\]\(https://docs.conda.io/projects/conda-build\)](#)

\* [\[Miniconda\]\(https://docs.anaconda.com/free/miniconda/\)](#)

\* [\[conda.org\]\(https://conda.org\)](#)

\* [\[\\_\\_ GitHub\]\(https://github.com/conda/conda "GitHub"\)](#)

\* [\[!\[Element\]\(../../../../../../\\_static/element\\_logo.svg\)\]\(http://bit.ly/conda-chat-room "Element"\)](#)

\* [\[\\_\\_ Discourse\]\(https://conda.discourse.group/ "Discourse"\)](#)

\* [\[Conda\]\(https://docs.conda.io/projects/conda/\)](#)

\* [\[Conda-build\]\(https://docs.conda.io/projects/conda-build\)](#)

\* [\[Miniconda\]\(https://docs.anaconda.com/free/miniconda/\)](#)

\* [\[conda.org\]\(https://conda.org\)](#)

\* [\[\\_\\_ GitHub\]\(https://github.com/conda/conda "GitHub"\)](#)

\* [\[!\[Element\]\(../../../../../../\\_static/element\\_logo.svg\)\]\(http://bit.ly/conda-chat-room "Element"\)](#)

\* [\[\\_\\_ Discourse\]\(https://conda.discourse.group/ "Discourse"\)](#)

## Navigation

- \* [User guide](.././././././user-guide/index.html) \_\_
- \* [Getting started with conda](.././././././user-guide/getting-started.html)
- \* [Installing conda](.././././././user-guide/install/index.html) \_\_
- \* [Installing on Windows](.././././././user-guide/install/windows.html)
- \* [Installing on macOS](.././././././user-guide/install/macos.html)
- \* [Installing on Linux](.././././././user-guide/install/linux.html)
- \* [RPM and Debian Repositories for Miniconda](.././././././user-guide/install/rpm-debian.html)
- \* [Tasks](.././././././user-guide/tasks/index.html) \_\_
- \* [Managing conda](.././././././user-guide/tasks/manage-conda.html)
- \* [Managing environments](.././././././user-guide/tasks/manage-environments.html)
- \* [Managing channels](.././././././user-guide/tasks/manage-channels.html)
- \* [Managing packages](.././././././user-guide/tasks/manage-pkgs.html)
- \* [Managing Python](.././././././user-guide/tasks/manage-python.html)
- \* [Managing virtual packages](.././././././user-guide/tasks/manage-virtual.html)
- \* [Creating custom channels](.././././././user-guide/tasks/create-custom-channels.html)
- \* [Creating projects](.././././././user-guide/tasks/creating-projects.html)
- \* [Viewing command-line help](.././././././user-guide/tasks/view-command-line-help.html)
- \* [Configuration](.././././././user-guide/configuration/index.html) \_\_
  - \* [Using the .condarc conda configuration file](.././././././user-guide/configuration/use-condarc.html)
  - \* [Settings](.././././././user-guide/configuration/settings.html)
    - \* [Administering a multi-user conda installation](.././././././user-guide/configuration/admin-multi-user-install.html)
  - \* [Mirroring channels](.././././././user-guide/configuration/mirroring.html)

- \* [Disabling SSL verification](../../../../../user-guide/configuration/disable-ssl-verification.html)
- \* [Using non-standard certificates](../../../../../user-guide/configuration/non-standard-certs.html)
  - \* [Using Custom Locations for Environment and Package Cache](../../../../../user-guide/configuration/custom-env-and-pkg-locations.html)
  - \* [Improving interoperability with pip](../../../../../user-guide/configuration/pip-interoperability.html)
- \* [Using the free channel](../../../../../user-guide/configuration/free-channel.html)
- \* [Concepts](../../../../../user-guide/concepts/index.html) \_\_
  - \* [Commands](../../../../../user-guide/concepts/conda-commands.html)
  - \* [Packages](../../../../../user-guide/concepts/packages.html)
  - \* [Package specification](../../../../../user-guide/concepts/pkg-specs.html)
  - \* [Package search and install specifications](../../../../../user-guide/concepts/pkg-search.html)
  - \* [Channels](../../../../../user-guide/concepts/channels.html)
  - \* [Environments](../../../../../user-guide/concepts/environments.html)
  - \* [Installing with conda](../../../../../user-guide/concepts/installing-with-conda.html)
  - \* [Performance](../../../../../user-guide/concepts/conda-performance.html)
  - \* [Conda for data scientists](../../../../../user-guide/concepts/data-science.html)
  - \* [Plugins](../../../../../user-guide/concepts/conda-plugins.html)
- \* [Troubleshooting](../../../../../user-guide/troubleshooting.html)
- \* [Cheatsheet](../../../../../user-guide/cheatsheet.html)
- \* [Configuration](../../../../../configuration.html)
- \* [Commands](../../../../../commands/index.html) \_\_
  - \* [``conda clean``](../../../../../commands/clean.html)
  - \* [``conda compare``](../../../../../commands/compare.html)
  - \* [``conda config``](../../../../../commands/config.html)
  - \* [``conda create``](../../../../../commands/create.html)
  - \* [``conda doctor``](../../../../../commands/doctor.html)

- \* [`conda env`](../.../commands/env/index.html) \_\_
- \* [`conda env config`](../.../commands/env/config/index.html) \_\_
- \* [`conda env config vars`](../.../commands/env/config/vars/index.html) \_\_
- \* [`conda env config vars list`](../.../commands/env/config/vars/list.html)
- \* [`conda env config vars set`](../.../commands/env/config/vars/set.html)
- \* [`conda env config vars unset`](../.../commands/env/config/vars/unset.html)
- \* [`conda env create`](../.../commands/env/create.html)
- \* [`conda env export`](../.../commands/env/export.html)
- \* [`conda env list`](../.../commands/env/list.html)
- \* [`conda env remove`](../.../commands/env/remove.html)
- \* [`conda env update`](../.../commands/env/update.html)
- \* [`conda info`](../.../commands/info.html)
- \* [`conda init`](../.../commands/init.html)
- \* [`conda install`](../.../commands/install.html)
- \* [`conda list`](../.../commands/list.html)
- \* [`conda notices`](../.../commands/notices.html)
- \* [`conda package`](../.../commands/package.html)
- \* [`conda remove`](../.../commands/remove.html)
- \* [`conda rename`](../.../commands/rename.html)
- \* [`conda run`](../.../commands/run.html)
- \* [`conda search`](../.../commands/search.html)
- \* [`conda update`](../.../commands/update.html)
- \* [Release notes](../.../release-notes.html)
- \* [Glossary](../.../glossary.html)
- \* [Developer guide](../.../index.html) \_\_
- \* [Architecture](../.../architecture.html)
- \* [Contributing to conda](../.../contributing.html)

- \* [Development Environment](../../development-environment.html)
- \* [Deep dives](../../deep-dives/index.html) \_\_
  - \* [ `conda install` ](../../deep-dives/install.html)
  - \* [ `conda init` and `conda activate` ](../../deep-dives/activation.html)
  - \* [ `conda config` and context ](../../deep-dives/context.html)
  - \* [Solvers](../../deep-dives/solvers.html)
  - \* [Logging](../../deep-dives/logging.html)
- \* [Writing Tests](../../writing-tests/index.html) \_\_
  - \* [Integration Tests](../../writing-tests/integration-tests.html)
- \* [Deprecations](../../deprecations.html)
- \* [Releasing](../../releasing.html)
- \* [Plugins](../../plugins/index.html) \_\_
  - \* [Auth Handlers](../../plugins/auth\_handlers.html)
  - \* [Health Checks](../../plugins/health\_checks.html)
  - \* [Request Headers](../../plugins/request\_headers.html)
  - \* [Post-commands](../../plugins/post\_commands.html)
  - \* [Pre-commands](../../plugins/pre\_commands.html)
  - \* [Reporter Backends](../../plugins/reporter\_backends.html)
  - \* [Settings](../../plugins/settings.html)
  - \* [Solvers](../../plugins/solvers.html)
  - \* [Subcommands](../../plugins/subcommands.html)
  - \* [Virtual Packages](../../plugins/virtual\_packages.html)
- \* [Specifications](../../specs/index.html) \_\_
  - \* [Technical specification: solver state](../../specs/solver-state.html)
- \* [API](../../api.html) \_\_
  - \* [ `conda` ](../../index.html) \_\_
    - \* [ `\_\_main\_\_` ](../../\_\_main\_\_/index.html)

- \* [`_vendor``](../../\_vendor/index.html) \_\_
- \* [`frozendict``](../../\_vendor/frozendict/index.html)
- \* [`_version``](../../\_version/index.html)
- \* [`activate``](../../activate/index.html)
- \* [`api``](../../api/index.html)
- \* [`auxlib``](../../auxlib/index.html) \_\_
- \* [`collection``](../../auxlib/collection/index.html)
- \* [`compat``](../../auxlib/compat/index.html)
- \* [`decorators``](../../auxlib/decorators/index.html)
- \* [`entity``](../../auxlib/entity/index.html)
- \* [`exceptions``](../../auxlib/exceptions/index.html)
- \* [`ish``](../../auxlib/ish/index.html)
- \* [`logz``](../../auxlib/logz/index.html)
- \* [`type_coercion``](../../auxlib/type\_coercion/index.html)
- \* [`base``](../../base/index.html) \_\_
- \* [`constants``](../../base/constants/index.html)
- \* [`context``](../../base/context/index.html)
- \* [`cli``](../../cli/index.html) \_\_
- \* [`actions``](../../cli/actions/index.html)
- \* [`common``](../../cli/common/index.html)
- \* [`conda_argparse``](../../cli/conda\_argparse/index.html)
- \* [`find_commands``](../../cli/find\_commands/index.html)
- \* [`helpers``](../../cli/helpers/index.html)
- \* [`install``](../../cli/install/index.html)
- \* [`main``](../../cli/main/index.html)
- \* [`main_clean``](../../cli/main\_clean/index.html)
- \* [`main_commands``](../../cli/main\_commands/index.html)

- \* [main\_compare](../../cli/main\_compare/index.html)
- \* [main\_config](../../cli/main\_config/index.html)
- \* [main\_create](../../cli/main\_create/index.html)
- \* [main\_env](../../cli/main\_env/index.html)
- \* [main\_env\_config](../../cli/main\_env\_config/index.html)
- \* [main\_env\_create](../../cli/main\_env\_create/index.html)
- \* [main\_env\_export](../../cli/main\_env\_export/index.html)
- \* [main\_env\_list](../../cli/main\_env\_list/index.html)
- \* [main\_env\_remove](../../cli/main\_env\_remove/index.html)
- \* [main\_env\_update](../../cli/main\_env\_update/index.html)
- \* [main\_env\_vars](../../cli/main\_env\_vars/index.html)
- \* [main\_export](../../cli/main\_export/index.html)
- \* [main\_info](../../cli/main\_info/index.html)
- \* [main\_init](../../cli/main\_init/index.html)
- \* [main\_install](../../cli/main\_install/index.html)
- \* [main\_list](../../cli/main\_list/index.html)
- \* [main\_mock\_activate](../../cli/main\_mock\_activate/index.html)
- \* [main\_mock\_deactivate](../../cli/main\_mock\_deactivate/index.html)
- \* [main\_notices](../../cli/main\_notices/index.html)
- \* [main\_package](../../cli/main\_package/index.html)
- \* [main\_pip](../../cli/main\_pip/index.html)
- \* [main\_remove](../../cli/main\_remove/index.html)
- \* [main\_rename](../../cli/main\_rename/index.html)
- \* [main\_run](../../cli/main\_run/index.html)
- \* [main\_search](../../cli/main\_search/index.html)
- \* [main\_update](../../cli/main\_update/index.html)
- \* [python\_api](../../cli/python\_api/index.html)

- \* [`common`](../../common/index.html) \_\_
- \* [`_logic`](../../common/\_logic/index.html)
- \* [`_os`](../../common/\_os/index.html) \_\_
- \* [`linux`](../../common/\_os/linux/index.html)
- \* [`osx`](../../common/\_os/osx/index.html)
- \* [`unix`](../../common/\_os/unix/index.html)
- \* [`windows`](../../common/\_os/windows/index.html)
- \* [`compat`](../../common/compat/index.html)
- \* [`configuration`](../../common/configuration/index.html)
- \* [`constants`](../../common/constants/index.html)
- \* [`disk`](../../common/disk/index.html)
- \* [`io`](../../common/io/index.html)
- \* [`iterators`](../../common/iterators/index.html)
- \* [`logic`](../../common/logic/index.html)
- \* [`path`](../../common/path/index.html) \_\_
- \* [`_cygpath`](../../common/path/\_cygpath/index.html)
- \* [`directories`](../../common/path/directories/index.html)
- \* [`python`](../../common/path/python/index.html)
- \* [`windows`](../../common/path/windows/index.html)
- \* [`pkg_formats`](../../common/pkg\_formats/index.html) \_\_
- \* [`python`](../../common/pkg\_formats/python/index.html)
- \* [`serialize`](../../common/serialize/index.html)
- \* [`signals`](../../common/signals/index.html)
- \* [`toposort`](../../common/toposort/index.html)
- \* [`url`](../../common/url/index.html)
- \* [`core`](../../core/index.html) \_\_
- \* [`envs_manager`](../../core/envs\_manager/index.html)



- \* [index`](../../core/index/index.html)
- \* [initialize`](../../core/initialize/index.html)
- \* [link`](../../core/link/index.html)
- \* [package\_cache\_data`](../../core/package\_cache\_data/index.html)
- \* [path\_actions`](../../core/path\_actions/index.html)
- \* [portability`](../../core/portability/index.html)
- \* [prefix\_data`](../../core/prefix\_data/index.html)
- \* [solve`](../../core/solve/index.html)
- \* [subdir\_data`](../../core/subdir\_data/index.html)
- \* [deprecations`](../../deprecations/index.html)
- \* [env`](../../env/index.html) \_\_
- \* [ env`](../../env/env/index.html)
- \* [installers`](../../env/installers/index.html) \_\_
- \* [ base`](../../env/installers/base/index.html)
- \* [conda`](../../env/installers/conda/index.html)
- \* [pip`](../../env/installers/pip/index.html)
- \* [pip\_util`](../../env/pip\_util/index.html)
- \* [specs`](../../env/specs/index.html) \_\_
- \* [ binstar`](../../env/specs/binstar/index.html)
- \* [requirements`](../../env/specs/requirements/index.html)
- \* [yaml\_file`](../../env/specs/yaml\_file/index.html)
- \* [exception\_handler`](../../exception\_handler/index.html)
- \* [exceptions`](../../exceptions/index.html)
- \* [exports`](../../exports/index.html)
- \* [gateways`](../../gateways/index.html) \_\_
- \* [ anaconda\_client`](../../gateways/anaconda\_client/index.html)
- \* [connection`](../../gateways/connection/index.html) \_\_

- \* [ ` adapters` ](../../gateways/connection/adapters/index.html) \_\_\_\_
- \* [ ` ftp` ](../../gateways/connection/adapters/ftp/index.html)
- \* [ ` http` ](../../gateways/connection/adapters/http/index.html)
- \* [ ` localfs` ](../../gateways/connection/adapters/localfs/index.html)
- \* [ ` s3` ](../../gateways/connection/adapters/s3/index.html)
- \* [ ` download` ](../../gateways/connection/download/index.html)
- \* [ ` session` ](../../gateways/connection/session/index.html)
- \* [ ` disk` ](../../gateways/disk/index.html) \_\_\_\_
- \* [ ` create` ](../../gateways/disk/create/index.html)
- \* [ ` delete` ](../../gateways/disk/delete/index.html)
- \* [ ` link` ](../../gateways/disk/link/index.html)
- \* [ ` lock` ](../../gateways/disk/lock/index.html)
- \* [ ` permissions` ](../../gateways/disk/permissions/index.html)
- \* [ ` read` ](../../gateways/disk/read/index.html)
- \* [ ` test` ](../../gateways/disk/test/index.html)
- \* [ ` update` ](../../gateways/disk/update/index.html)
- \* [ ` logging` ](../../gateways/logging/index.html)
- \* [ ` repodata` ](../../gateways/repodata/index.html) \_\_\_\_
- \* [ ` jlap` ](../../gateways/repodata/jlap/index.html) \_\_\_\_
- \* [ ` core` ](../../gateways/repodata/jlap/core/index.html)
- \* [ ` fetch` ](../../gateways/repodata/jlap/fetch/index.html)
- \* [ ` interface` ](../../gateways/repodata/jlap/interface/index.html)
- \* [ ` lock` ](../../gateways/repodata/lock/index.html)
- \* [ ` subprocess` ](../../gateways/subprocess/index.html)
- \* [ ` history` ](../../history/index.html)
- \* [ ` instructions` ](../../instructions/index.html)
- \* [ ` misc` ](../../misc/index.html)

- \* [`models``](../../models/index.html) \_\_
- \* [`channel``](../../models/channel/index.html)
- \* [`dist``](../../models/dist/index.html)
- \* [`enums``](../../models/enums/index.html)
- \* [`leased_path_entry``](../../models/leased\_path\_entry/index.html)
- \* [`match_spec``](../../models/match\_spec/index.html)
- \* [`package_info``](../../models/package\_info/index.html)
- \* [`prefix_graph``](../../models/prefix\_graph/index.html)
- \* [`records``](../../models/records/index.html)
- \* [`version``](../../models/version/index.html)
- \* [`notices``](../../notices/index.html) \_\_
- \* [`cache``](../../notices/cache/index.html)
- \* [`core``](../../notices/core/index.html)
- \* [`fetch``](../../notices/fetch/index.html)
- \* [`types``](../../notices/types/index.html)
- \* [`views``](../../notices/views/index.html)
- \* [`plan``](../../plan/index.html)
- \* [`plugins``](../index.html) \_\_
- \* [`hookspec``](../hookspec/index.html)
- \* [`manager``](../manager/index.html)
- \* [`post_solves``](../post\_solves/index.html) \_\_
- \* [`signature_verification``](../post\_solves/signature\_verification/index.html)
- \* [`reporter_backends``](../reporter\_backends/index.html) \_\_
- \* [`console``](../reporter\_backends/console/index.html)
- \* [`json``](../reporter\_backends/json/index.html)
- \* [`solvers``](../solvers/index.html)
- \* [`subcommands``](../subcommands/index.html) \_\_

- \* [ doctor ](../subcommands/doctor/index.html) \_\_
- \* [ health\_checks ](../subcommands/doctor/health\_checks/index.html)
- \* [ types ](../types/index.html)
- \* [ virtual\_packages ](../index.html) \_\_
- \* [ archspec ](../archspec/index.html)
- \* [ conda ](../conda/index.html)
- \* [ cuda ](../cuda/index.html)
- \* [ freebsd ](../freebsd/index.html)
- \* linux
- \* [ osx ](../osx/index.html)
- \* [ windows ](../windows/index.html)
- \* [ reporters ](../../reporters/index.html)
- \* [ resolve ](../../resolve/index.html)
- \* [ testing ](../../testing/index.html) \_\_
- \* [ cases ](../../testing/cases/index.html)
- \* [ fixtures ](../../testing/fixtures/index.html)
- \* [ gateways ](../../testing/gateways/index.html) \_\_
- \* [ fixtures ](../../testing/gateways/fixtures/index.html)
- \* [ helpers ](../../testing/helpers/index.html)
- \* [ integration ](../../testing/integration/index.html)
- \* [ notices ](../../testing/notices/index.html) \_\_
- \* [ fixtures ](../../testing/notices/fixtures/index.html)
- \* [ helpers ](../../testing/notices/helpers/index.html)
- \* [ solver\_helpers ](../../testing/solver\_helpers/index.html)
- \* [ trust ](../../trust/index.html) \_\_
- \* [ constants ](../../trust/constants/index.html)
- \* [ signature\_verification ](../../trust/signature\_verification/index.html)

```
* [ `utils` ](../../utils/index.html)

* [ `conda_env` ](../../conda_env/index.html) __

* [ `cli` ](../../conda_env/cli/index.html)

* [ `installers` ](../../conda_env/installers/index.html)
```

```
* [ __ ](../../index.html)

* [Developer guide](../../index.html)

* __

* [ `virtual_packages` ](./index.html)

*
```

# `linux`#

Detect whether this is Linux.

## Functions#

```
`conda_virtual_packages`() |

---|---
```

conda\_virtual\_packages()#

\_\_On this page

\* Functions

\* `conda_virtual_packages()`

[ [\\_\\_Edit on GitHub](https://github.com/conda/conda/edit/main/docs/source/dev-guide/api/conda/plugins/virtual_packages/linux/index.rst)](https://github.com/conda/conda/edit/main/docs/source/dev-guide/api/conda/plugins/virtual\_packages/linux/index.rst)

[ [\\_\\_Show Source](https://github.com/conda/conda/blob/main/docs/source/dev-guide/api/conda/plugins/virtual_packages/linux/index.rst.txt)](../../../../\_sources/dev-guide/api/conda/plugins/virtual\_packages/linux/index.rst.txt)

© Copyright 2017, Anaconda, Inc.

Created using [\[Sphinx\]](https://www.sphinx-doc.org/) 7.4.7.

[ [Analytics Dashboard](https://docs-conda-io.goatcounter.com) ](https://docs-conda-io.goatcounter.com "Analytics Dashboard")

Built with the [\[PyData Sphinx Theme\]](https://pydata-sphinx-theme.readthedocs.io/en/stable/index.html) 0.15.4.