

[Skip to content](#)


[ (../assets/logo-letter.svg)](.. "uv")

uv

Index

Initializing search

[uv](<https://github.com/astral-sh/uv> "Go to repository")

[ (../assets/logo-letter.svg)](.. "uv") uv

[uv](<https://github.com/astral-sh/uv> "Go to repository")

* [Introduction](..)

* [Getting started](..getting-started/)

Getting started

* [Installation](..getting-started/installation/)

* [First steps](..getting-started/first-steps/)

* [Features](..getting-started/features/)

* [Getting help](..getting-started/help/)

* [Guides](..guides/)

Guides

- * [Installing Python](../guides/install-python/)
- * [Running scripts](../guides/scripts/)
- * [Using tools](../guides/tools/)
- * [Working on projects](../guides/projects/)
- * [Publishing packages](../guides/package/)
- * [Integrations](../guides/integration/)

Integrations

- * [Docker](../guides/integration/docker/)
- * [Jupyter](../guides/integration/jupyter/)
- * [GitHub Actions](../guides/integration/github/)
- * [GitLab CI/CD](../guides/integration/gitlab/)
- * [Pre-commit](../guides/integration/pre-commit/)
- * [PyTorch](../guides/integration/pytorch/)
- * [FastAPI](../guides/integration/fastapi/)
- * [Alternative indexes](../guides/integration/alternative-indexes/)
- * [Dependency bots](../guides/integration/dependency-bots/)
- * [AWS Lambda](../guides/integration/aws-lambda/)
- * [Concepts](../concepts/)

Concepts

- * [Projects](../concepts/projects/)

Projects

- * [Structure and files]([../concepts/projects/layout/](#))
- * [Creating projects]([../concepts/projects/init/](#))
- * [Managing dependencies]([../concepts/projects/dependencies/](#))
- * [Running commands]([../concepts/projects/run/](#))
- * [Locking and syncing]([../concepts/projects/sync/](#))
- * [Configuring projects]([../concepts/projects/config/](#))
- * [Building distributions]([../concepts/projects/build/](#))
- * [Using workspaces]([../concepts/projects/workspaces/](#))
- * [Tools]([../concepts/tools/](#))
- * [Python versions]([../concepts/python-versions/](#))
- * [Resolution]([../concepts/resolution/](#))
- * [Caching]([../concepts/cache/](#))
- * [Configuration]([../configuration/](#))

Configuration

- * [Configuration files]([../configuration/files/](#))
- * [Environment variables]([../configuration/environment/](#))
- * [Authentication]([../configuration/authentication/](#))
- * [Package indexes]([../configuration/indexes/](#))
- * [Installer]([../configuration/installer/](#))
- * [The pip interface]([../pip/](#))

The pip interface

- * [Using environments](../pip/environments/)
- * [Managing packages](../pip/packages/)
- * [Inspecting packages](../pip/inspection/)
- * [Declaring dependencies](../pip/dependencies/)
- * [Locking environments](../pip/compile/)
- * [Compatibility with pip](../pip/compatibility/)
- * [Reference](./)

Reference

- * [Commands](cli/)
- * [Settings](settings/)
- * [Troubleshooting](troubleshooting/)

Troubleshooting

- * [Build failures](troubleshooting/build-failures/)
- * [Reproducible examples](troubleshooting/reproducible-examples/)
- * [Resolver](resolver-internals/)
- * [Benchmarks](benchmarks/)
- * [Policies](policies/)

Policies

- * [Versioning](policies/versioning/)
- * [Platform support](policies/platforms/)
- * [License](policies/license/)

1. [\[Introduction \]\(..\)](#)
2. [\[Reference \]\(/\)](#)

Reference

The reference section provides information about specific parts of uv:

- * [\[Commands\]\(cli/\)](#): A reference for uv's command line interface.
- * [\[Settings\]\(settings/\)](#): A reference for uv's configuration schema.
- * [\[Resolver\]\(resolver-internals/\)](#): Details about the internals of uv's resolver.
- * [\[Policies\]\(policies/\)](#): uv's versioning policy, platform support policy, and license.

Looking for a broader overview? Check out the [\[concepts\]\(../concepts/\)](#) documentation.

December 3, 2024

[Back to top](#) [\[Previous Compatibility with pip \]\(..pip/compatibility/\)](#) [\[](#)

[Next Commands \]\(cli/\)](#)

Made with [\[Material for MkDocs Insiders \]\(https://squidfunk.github.io/mkdocs-material/\)](#)

[\[\]\(https://github.com/astral-sh/uv "github.com"\)](#) [\[](#)
[\]\(https://discord.com/invite/astral-sh "discord.com"\)](#) [\[](#)
[\]\(https://pypi.org/project/uv/ "pypi.org"\)](#) [\[\]\(https://x.com/astral_sh](#)

"x.com")