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[![logo](../../assets/logo-letter.svg)](../.. "uv")
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Using tools
Initializing search
[ uv ](https://github.com/astral-sh/uv "Go to repository")
[![logo](../../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 ](../)
```

Skip to content

Guides

- * [Installing Python](../install-python/)
- * [Running scripts](../scripts/)
- * Using tools [Using tools](./) Table of contents
 - * Running tools
 - * Commands with different package names
 - * Requesting specific versions
 - * Requesting extras
 - * Requesting different sources
 - * Commands with plugins
 - * Installing tools
 - * Upgrading tools
 - * Next steps
- * [Working on projects](../projects/)
- * [Publishing packages](../package/)
- * [Integrations](../integration/)

Integrations

- * [Docker](../integration/docker/)
- * [Jupyter](../integration/jupyter/)
- * [GitHub Actions](../integration/github/)
- * [GitLab CI/CD](../integration/gitlab/)
- * [Pre-commit](../integration/pre-commit/)
- * [PyTorch](../integration/pytorch/)
- * [FastAPI](../integration/fastapi/)

```
* [ Alternative indexes ](../integration/alternative-indexes/)
   * [ Dependency bots ](../integration/dependency-bots/)
   * [ AWS Lambda ](../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/)
```

Configuration

* [Resolution](../../concepts/resolution/)

* [Caching](../../concepts/cache/)

* [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/)

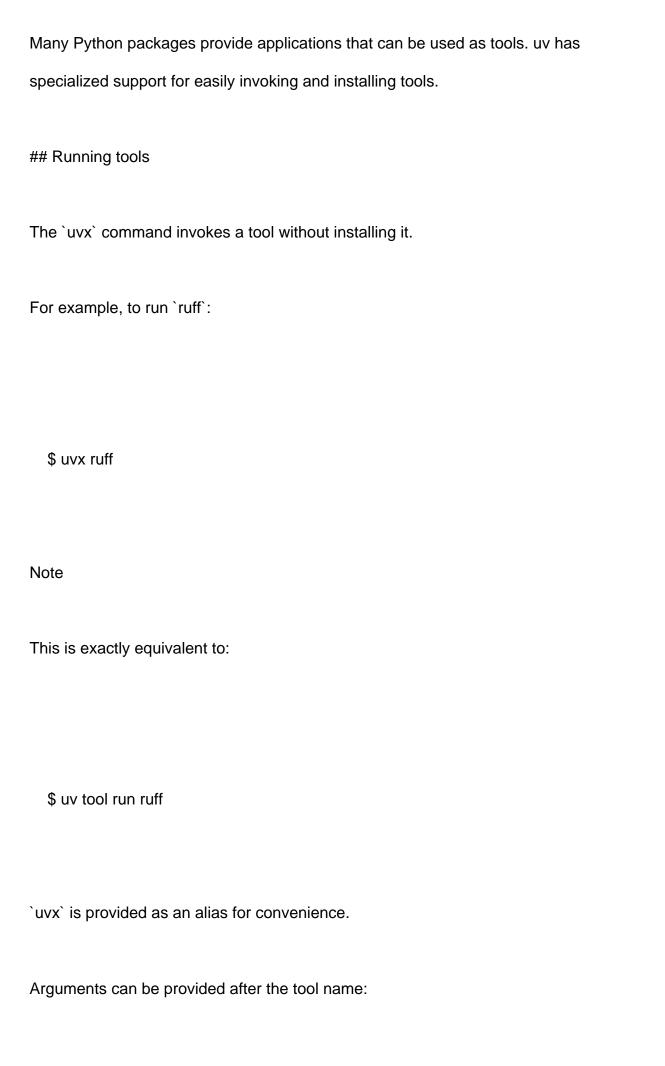
Reference

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

Troubleshooting

- * [Build failures](../../reference/troubleshooting/build-failures/)
- * [Reproducible examples](../../reference/troubleshooting/reproducible-examples/)

```
* [ Resolver ](../../reference/resolver-internals/)
  * [ Benchmarks ](../../reference/benchmarks/)
  * [ Policies ](../../reference/policies/)
Policies
   * [ Versioning ](../../reference/policies/versioning/)
   * [ Platform support ](../../reference/policies/platforms/)
   * [ License ](../../reference/policies/license/)
Table of contents
 * Running tools
 * Commands with different package names
 * Requesting specific versions
 * Requesting extras
 * Requesting different sources
 * Commands with plugins
 * Installing tools
 * Upgrading tools
 * Next steps
 1. [ Introduction ](../..)
 2. [ Guides ](../)
# Using tools
```



\$ uvx pycowsay hello from uv

< hello from uv >

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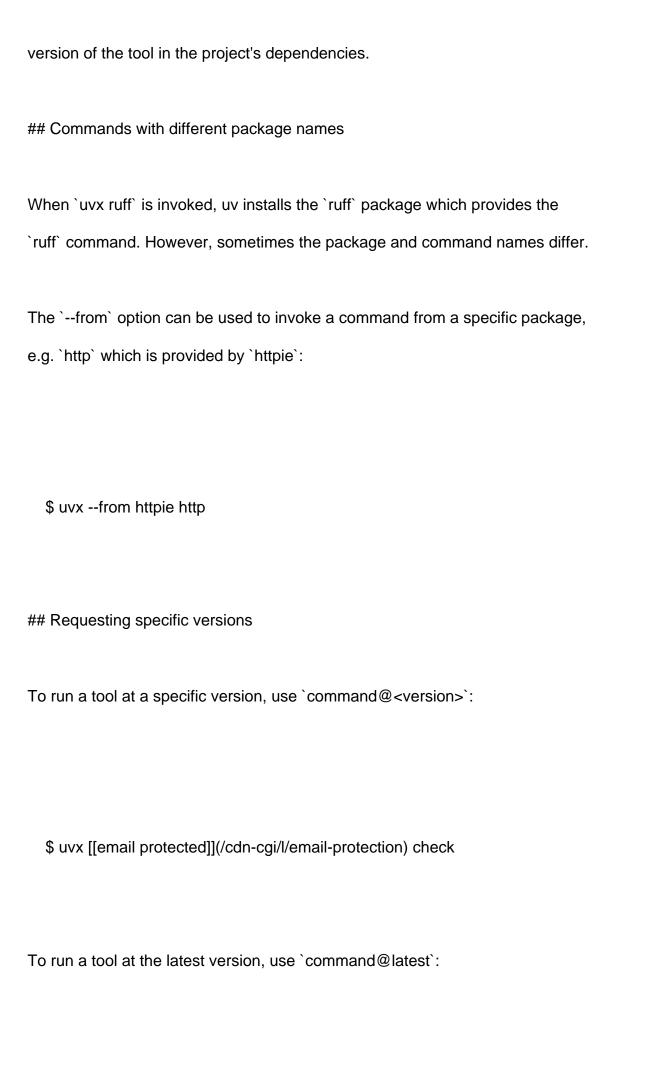
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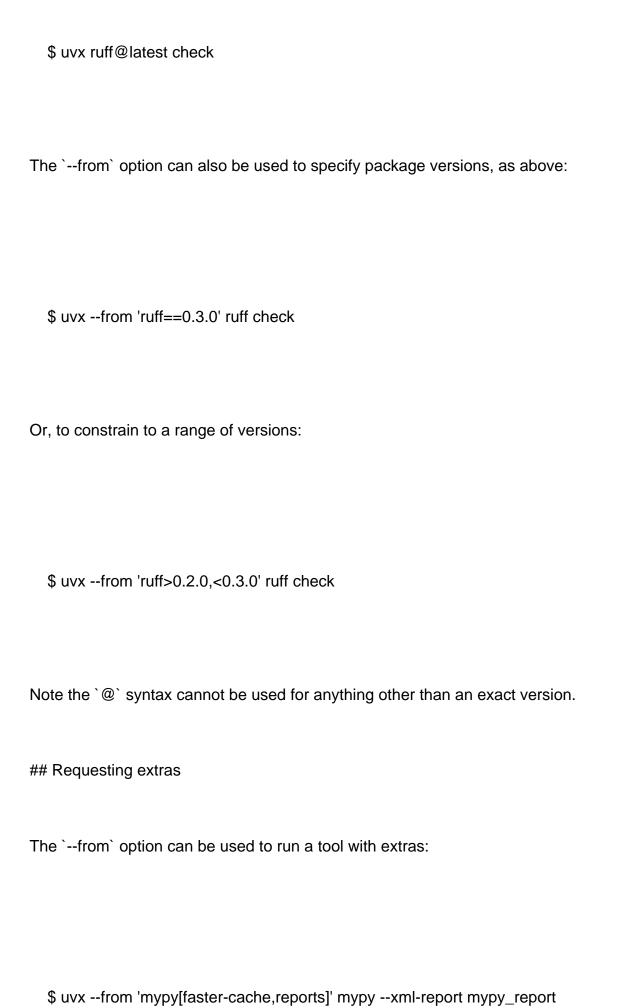
Tools are installed into temporary, isolated environments when using `uvx`.

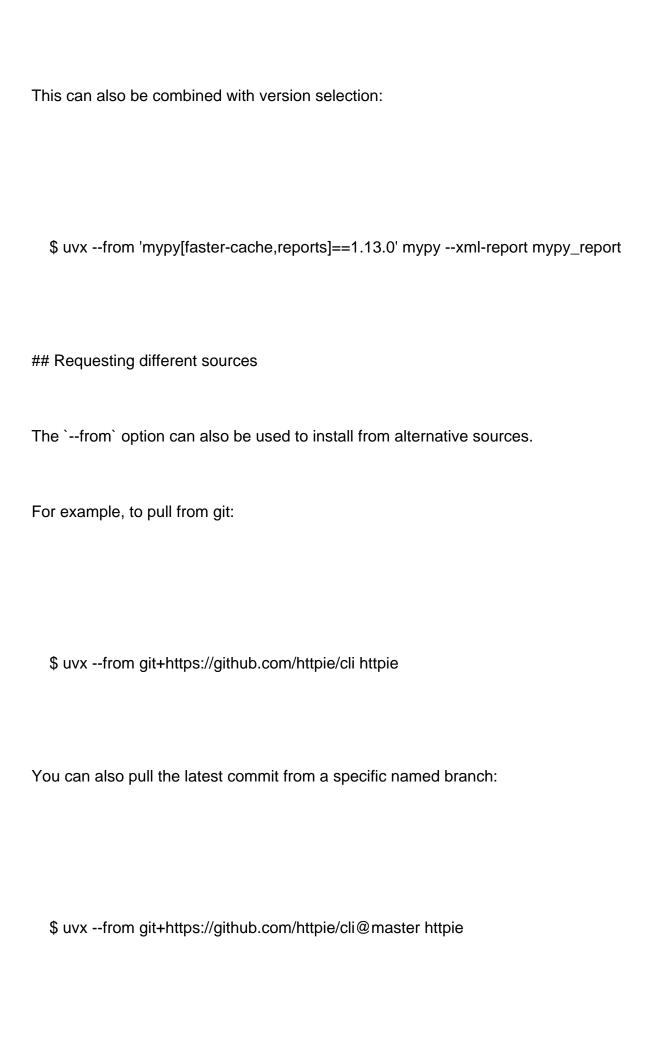
Note

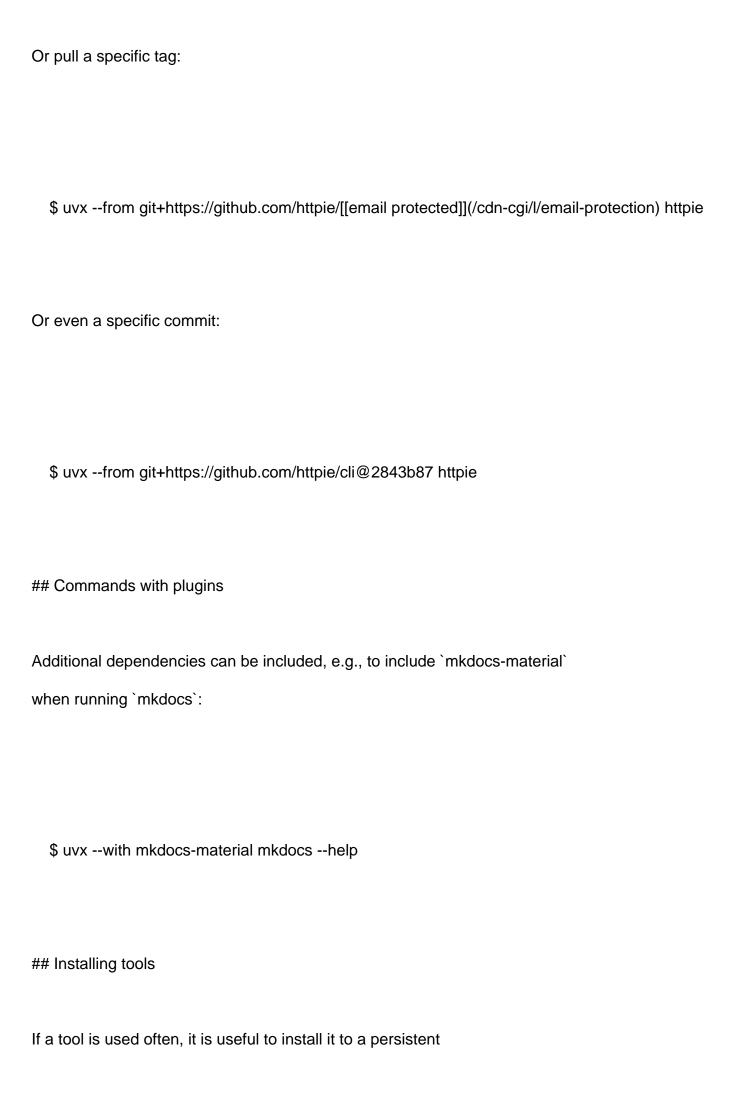
If you are running a tool in a [_project_](../../concepts/projects/) and the tool requires that your project is installed, e.g., when using `pytest` or `mypy`, you'll want to use [`uv run`](../projects/#running-commands) instead of `uvx`. Otherwise, the tool will be run in a virtual environment that is isolated from your project.

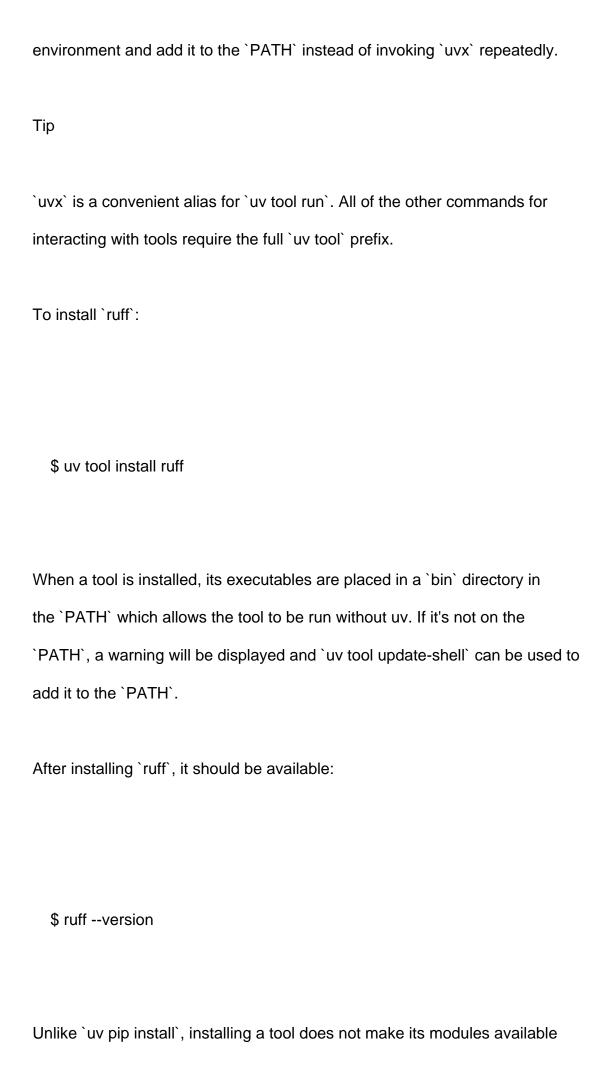
If your project has a flat structure, e.g., instead of using a `src` directory for modules, the project itself does not need to be installed and `uvx` is fine. In this case, using `uv run` is only beneficial if you want to pin the

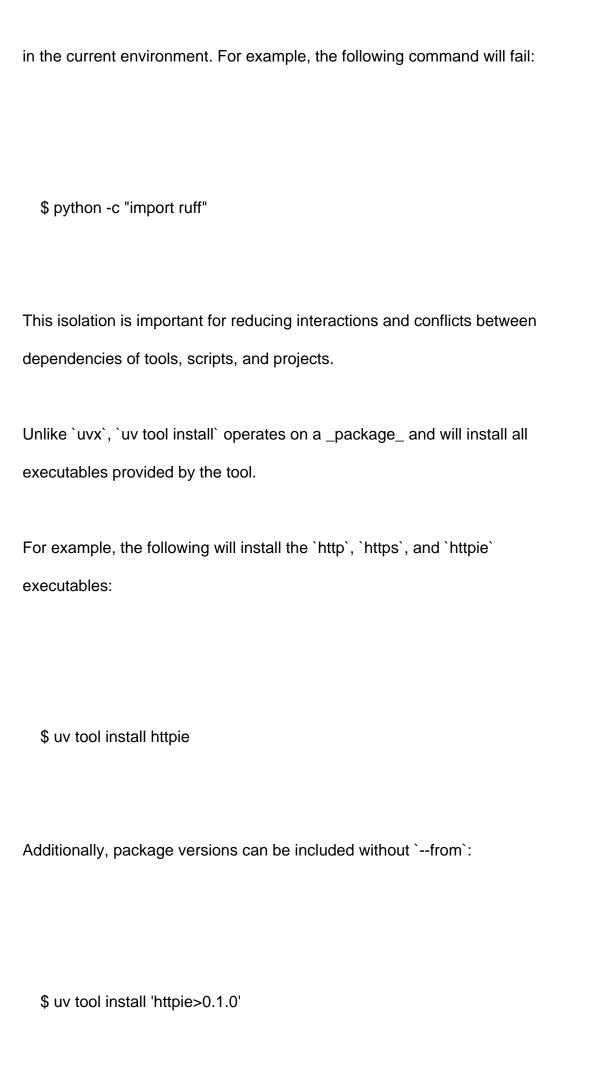


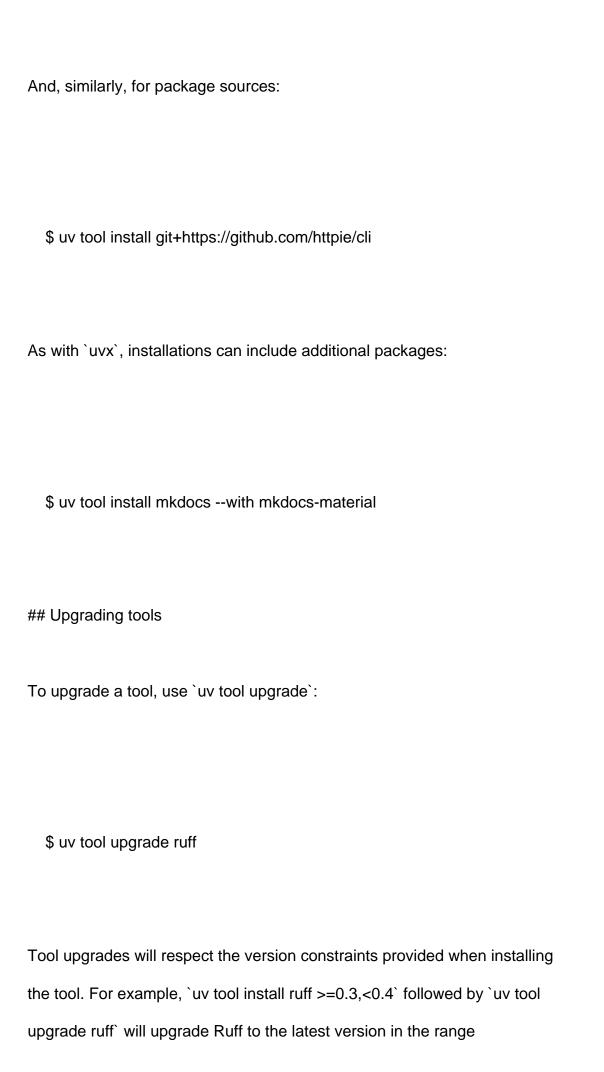


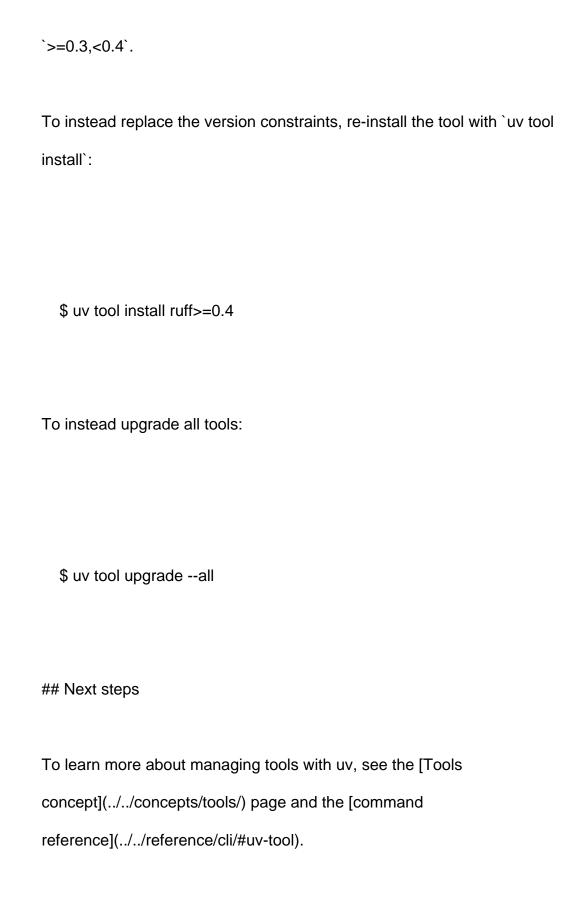












Or, read on to learn how to [work on projects](../projects/).

January 15, 2025

```
Back to top [ Previous Running scripts ](../scripts/) [ Next Working on projects ](../projects/)

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[ ](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")
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