



Manage Multiple Python Versions With `pyenv`

The `pyenv` command-line tool allows you to install and switch between multiple Python versions without interfering with your operating system's Python installation.

Visit realpython.com/intro-to-pyenv and read the full tutorial!

Installing and Checking Python Versions

Command	Example	Description
<code>pyenv commands</code>	<code>pyenv commands</code>	List all available <code>pyenv</code> commands
<code>pyenv install --list</code>	<code>pyenv install --list grep " 3\."</code>	List all available Python versions to install
<code>pyenv install</code>	<code>pyenv install 3.13.5</code>	Install a specific Python version
<code>pyenv versions</code>	<code>pyenv versions</code>	List all installed Python versions
<code>pyenv version</code>	<code>pyenv version</code>	Show the currently active Python version
<code>pyenv which</code>	<code>pyenv which python</code>	Show the full path to the Python executable
<code>pyenv uninstall</code>	<code>pyenv uninstall 3.13.5</code>	Remove an installed Python version
<code>pyenv update</code>	<code>pyenv update</code>	Update <code>pyenv</code> to get the latest Python versions

Setting the Python Version to Use

Command	Example	Description
<code>pyenv shell</code>	<code>pyenv shell 3.13.5</code>	Set the Python version for the current shell session
<code>pyenv shell --unset</code>	<code>pyenv shell --unset</code>	Unset the shell-specific Python version
<code>pyenv local</code>	<code>pyenv local 3.13.5</code>	Set the Python version for the current directory
<code>pyenv global</code>	<code>pyenv global 3.13.5</code>	Set the default Python version system-wide
<code>pyenv global</code>	<code>pyenv global system</code>	Return to system Python