

# tenv Cheatsheet

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**tenv** is a lightweight version manager for [OpenTofu](#), similar to **tfenv** for Terraform. It allows you to install, switch, and manage multiple versions of OpenTofu easily.

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## Installation

With Homebrew (macOS/Linuxbrew):

```
brew install tofuutils/tap/tenv
```

Manual Install:

```
git clone https://github.com/tofuutils/tenv.git ~/.tenv
echo 'export PATH="$HOME/.tenv/bin:$PATH"' >> ~/.bashrc # or ~/.zshrc
source ~/.bashrc
```



## Basic Usage

Install a specific version of OpenTofu:

```
tenv install 1.6.2
```

List all available versions:

```
tenv list-remote
```

List installed versions:

```
tenv list
```

Use a specific version (for current shell):

```
tenv use 1.6.2
```

Set a global version (default for all sessions):

```
tenv global 1.6.2
```

Set a local version (in a project directory):

```
tenv local 1.6.2
```

This creates a `.tofu-version` file in the directory.

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## Version File

`tenv` looks for a `.tofu-version` file to determine which OpenTofu version to use.

You can manually create it:

```
echo "1.6.2" > .tofu-version
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## Uninstall a version

```
tenv uninstall 1.6.2
```

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## Directory Structure

Installed versions are typically located in:

```
~/.tenv/versions/
```

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## Aliasing `terraform` and `tf` to `tofu`

If you want CLI compatibility with scripts/tools that expect `terraform`:

Option 1: Alias

```
alias terraform='tofu'  
alias tf='tofu'
```

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Add to your `~/.bashrc` or `~/.zshrc`.

## Option 2: Symlink (Global)

```
sudo ln -sf $(which tofu) /usr/local/bin/terraform  
sudo ln -sf $(which tofu) /usr/local/bin/tf
```

Use with caution—this overrides the real Terraform binary if installed.

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## Notes

- `tenv` is meant specifically for OpenTofu, not Terraform.
  - If you use both Terraform and OpenTofu, be mindful of symlinks or aliases.
  - `tenv` supports `.tofu-version` just like `tfenv` supports `.terraform-version`.
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## Resources

- GitHub: <https://github.com/tofuutils/tenv>
  - OpenTofu: <https://opentofu.org>
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