# scverse cookiecutter template

github.com/scverse/ cookiecutter-scverse





#### tool installs

- Install using a package manager or installer:
  - code : code.visualstudio.com/download
  - hatch: hatch.pypa.io/latest/install
  - o git : github.com/git-guides/install-git
  - uv : docs.astral.sh/uv/gettingstarted/installation
    - or pipx:pipx.pypa.io/stable/installation
- Install using a package manager, pipx, or uv:
  - \$ pipx/uv install cruft pre-commit

## creating the project

```
$ cruft create https://github.com/scverse/cookiecutter-scverse
project_name (project-name): myproj
[...]
$ code myproj
```

## environment management

Hatch tutorials/environment/basic-usage

```
$ hatch run [env:]command [...args]
$ hatch test [...args]
$ hatch env remove <name> # or `hatch env prune` for all
$ hatch find hatch-test
~/.local/share/hatch/env/virtual/myproj/FsejNibV/hatch-test.py3.12
[...]
```

Tell VS Code to use this interpreter:

```
<kbd>#</kbd> | <kbd>^</kbd> +<kbd> </kbd>+
<kbd>P</kbd> ... "Python: Salact Interpreter"
```

#### **VS** Code

### Committing code

- Use PRs, don't push to main
- Set up pre-commit.ci, codecov.io on github.com/<you>/<yourpackage>/settings/installation