

# Package Managers



# Package Managers

- What are they?
- What do they do?
- Let's name a few...

# Creating a Python Package for PyPi

## One-time Actions

Register an account at <https://testpypi.python.org/pypi>

## Per-project Actions

1. Clone the sample project `git clone https://github.com/pypa/sampleproject.git`  
`<myproject>`
2. Edit the source files
3. Edit the meta files (LICENSE.txt, MANIFEST.in, README.rst, setup.py)
4. Prep your package `python setup.py sdist`
5. Register your project on testpypi (follow "Package submission" link, upload `PKG-INFO`)
6. Upload your files (follow "files" link, upload tarball from `dist`)

## Use it!

1. `pip install -i https://testpypi.python.org/pypi c4cs-python`
2. Start python, `import c4cs`