# Milestone 3

# Task Matrix

| Task | Completion | Ian | Dylan | Todo |
|---|---|---|---|---|
| Implement, demo, and test command-line interface support in Python | 100% | 80% | 20% | |
| Implement, demo, and test command-line interface as shell and batch scripts to send information to Python | 100% | 50% | 50% | |
| Implement, demo, and test installer or installation guide for installing system on Windows, MacOS, and Debian | 100% | 10% | 90% | |
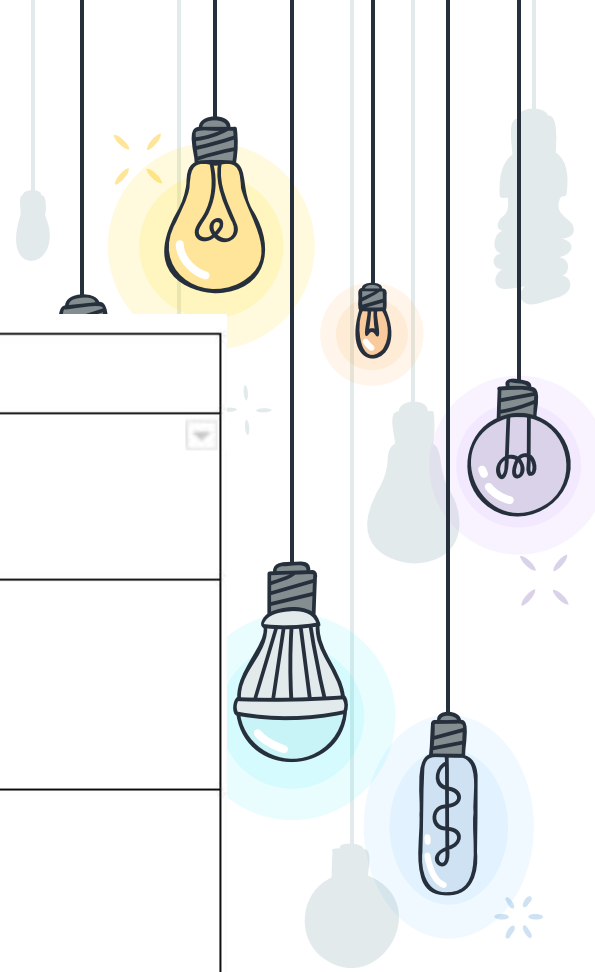
# 1 CLI Program/Scripts
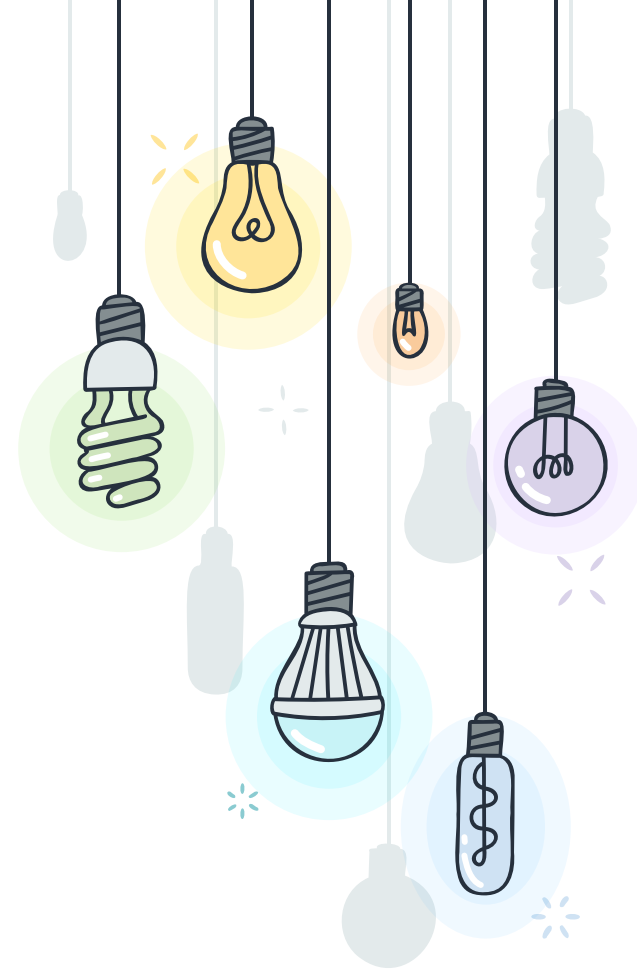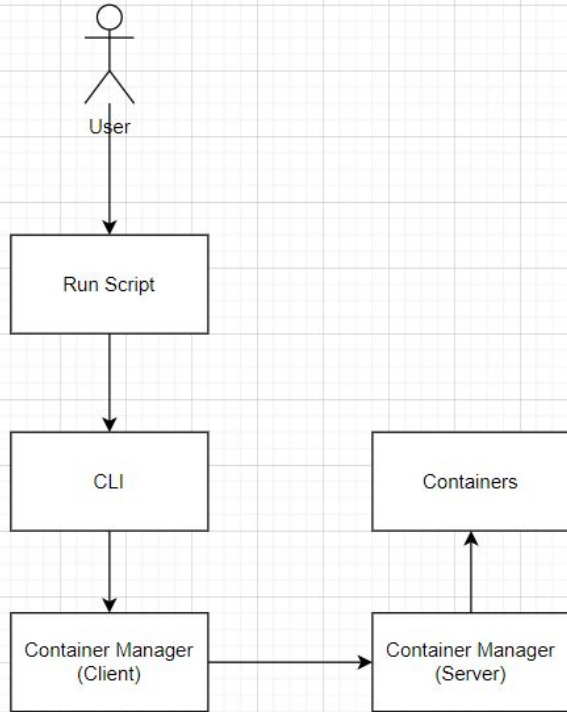
# Command-Line Interface

- Python text-based dispatch
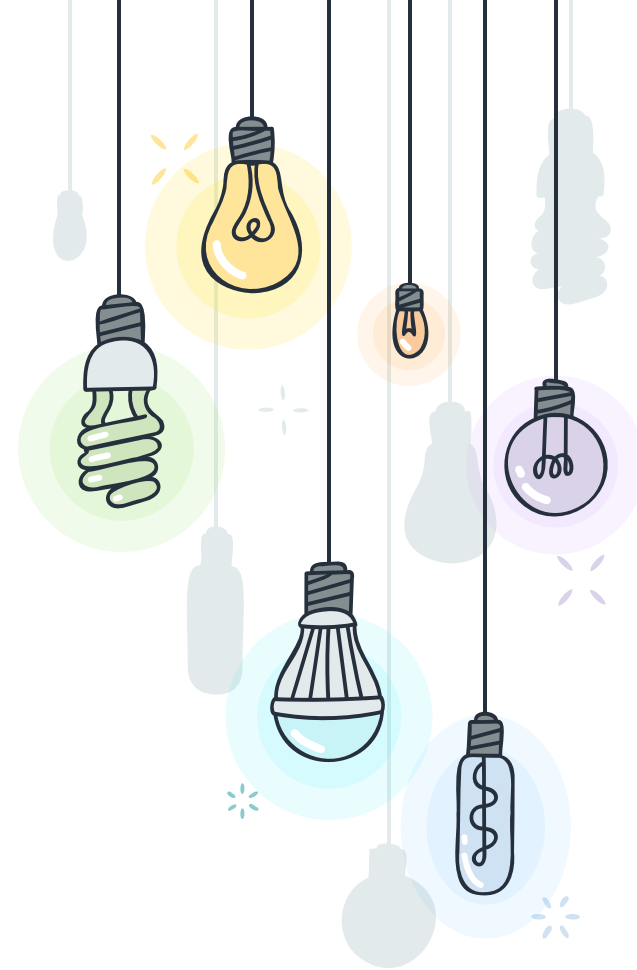- Container manager running on local server
- Batch and shell scripts

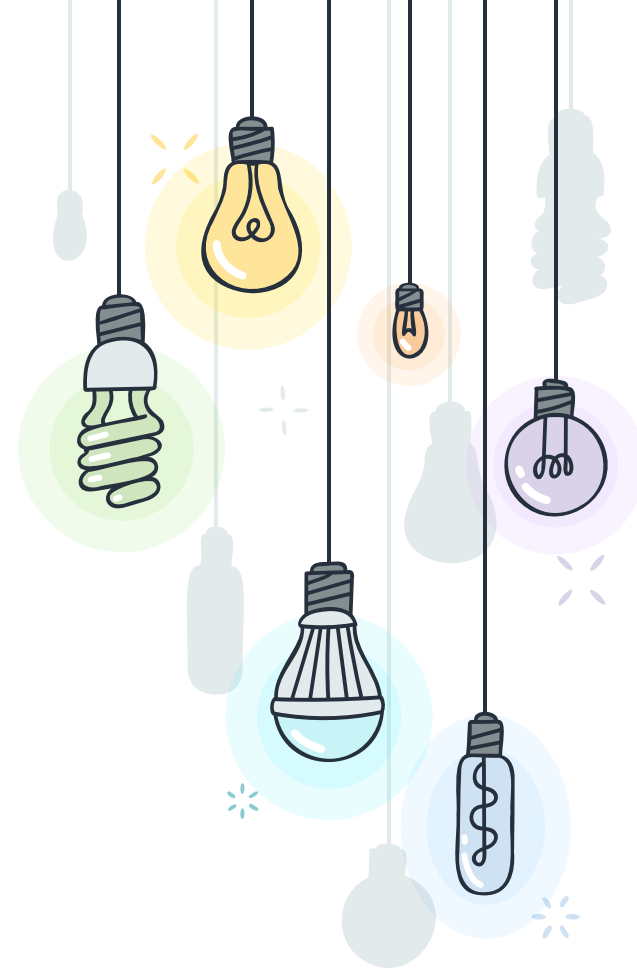# Control Flow Diagram
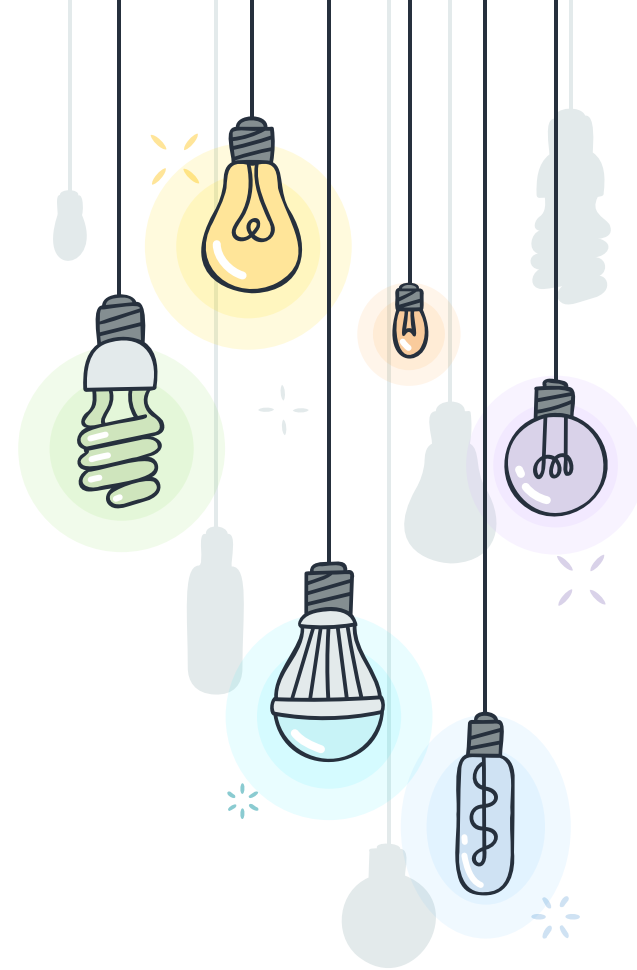
# Demo

https://youtu.be/zZFMN_vOAPk

# 2 Installers

# Our Installers

- Using PyInstaller
- Supports many platforms
  - Windows
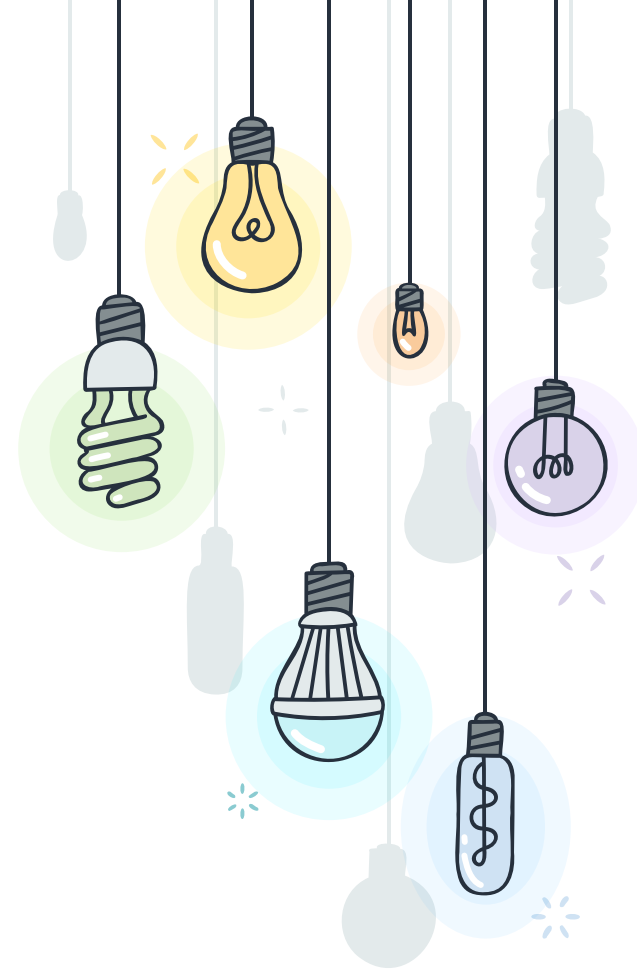  - MacOS
  - Debian
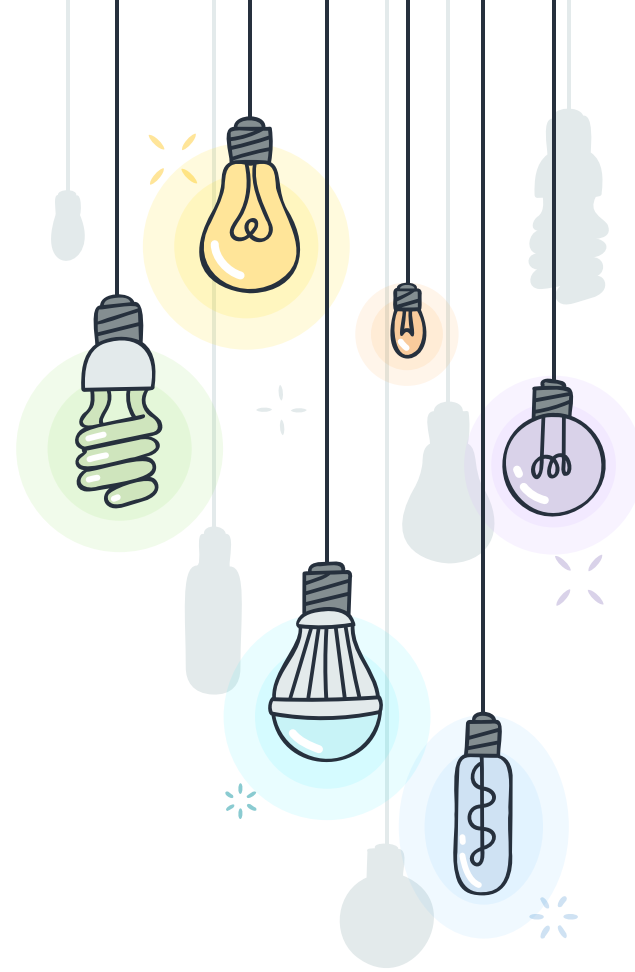
# Demo

https://youtu.be/ZEU6Dp5gNy8

# 3 Next Milestone Goals

# Compiler Theory Testing

- Get feedback from students
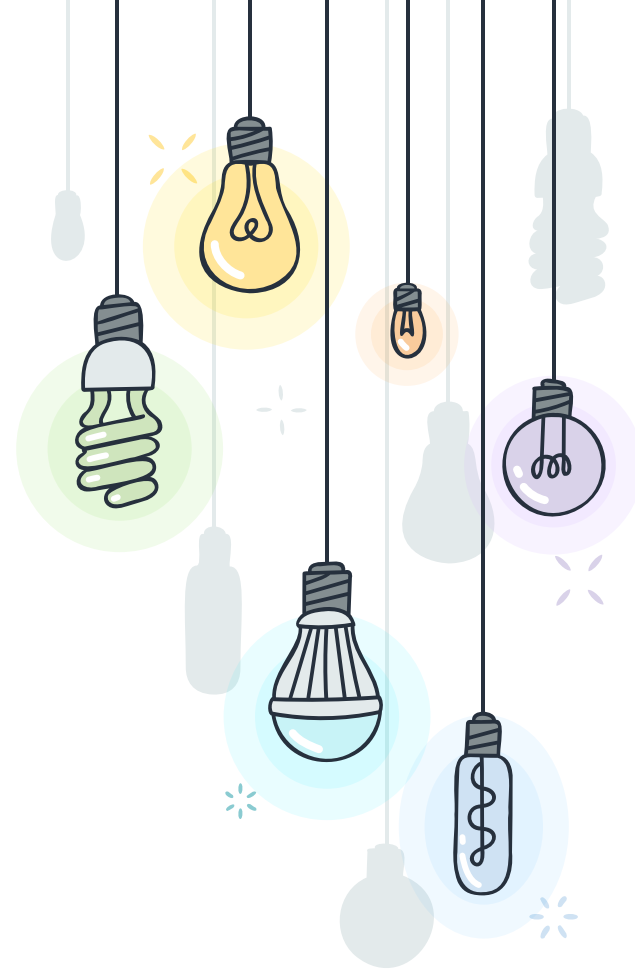- Fix bugs they find
- Add features they request

# Repositories and Archiving

- Create a server script that can send archived containers
- Allow clients to receive archived containers sent by server

# Creation Wizard

- Start work on command-line wizard to create new containers
- Create the first draft of this wizard
- Have it work with some basic settings

# Thanks!