

The background of the slide is a deep blue color. Overlaid on this background is a complex, abstract network diagram. It consists of numerous small, bright white circular nodes connected by thin, light blue lines. The nodes are arranged in a way that suggests a global or interconnected network, with some nodes appearing more prominent than others. The overall effect is a sense of digital connectivity and data flow.

# Introduction

## Workshop Day 1

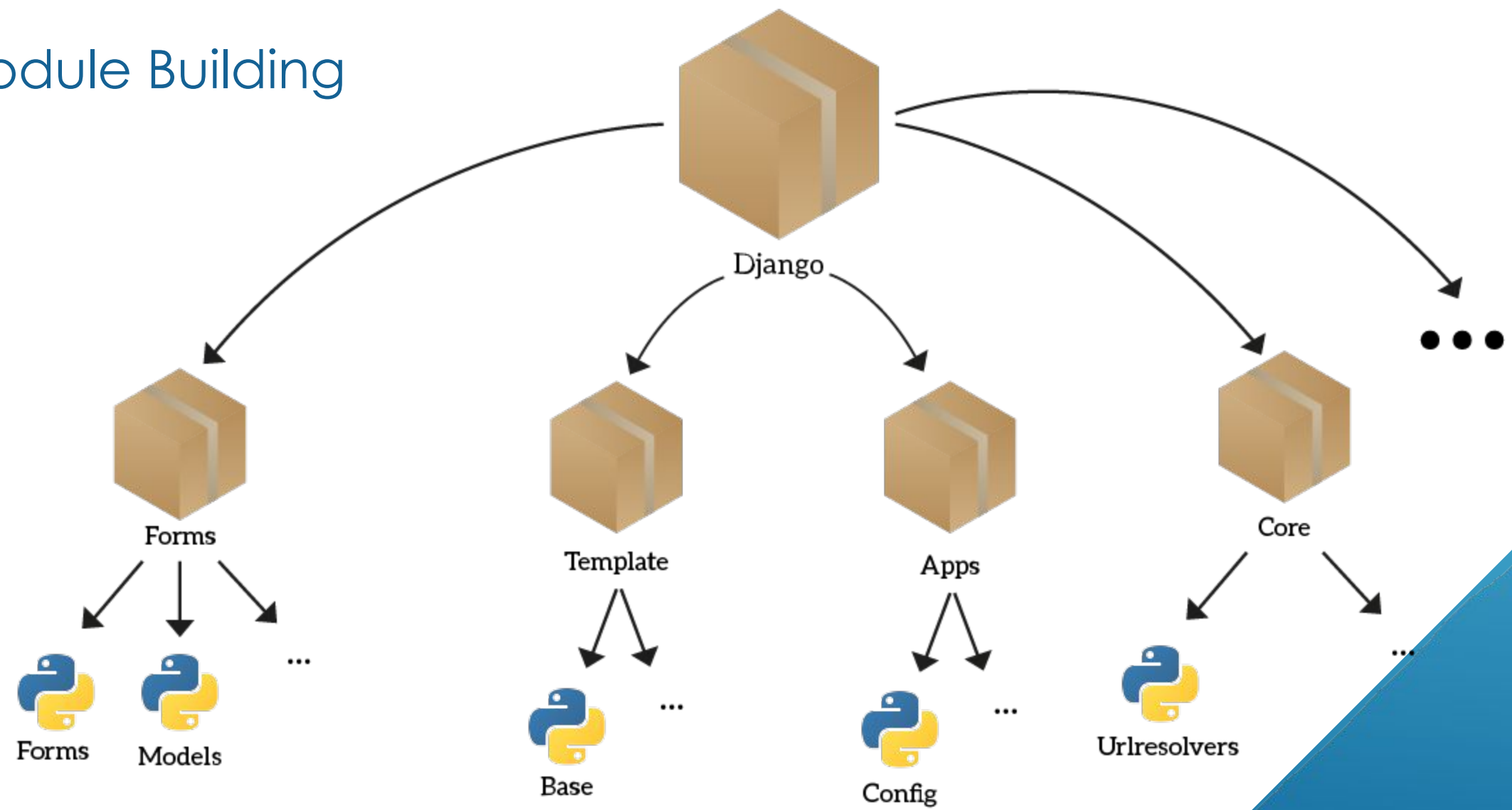
# Prerequisites

- **Python Coding**

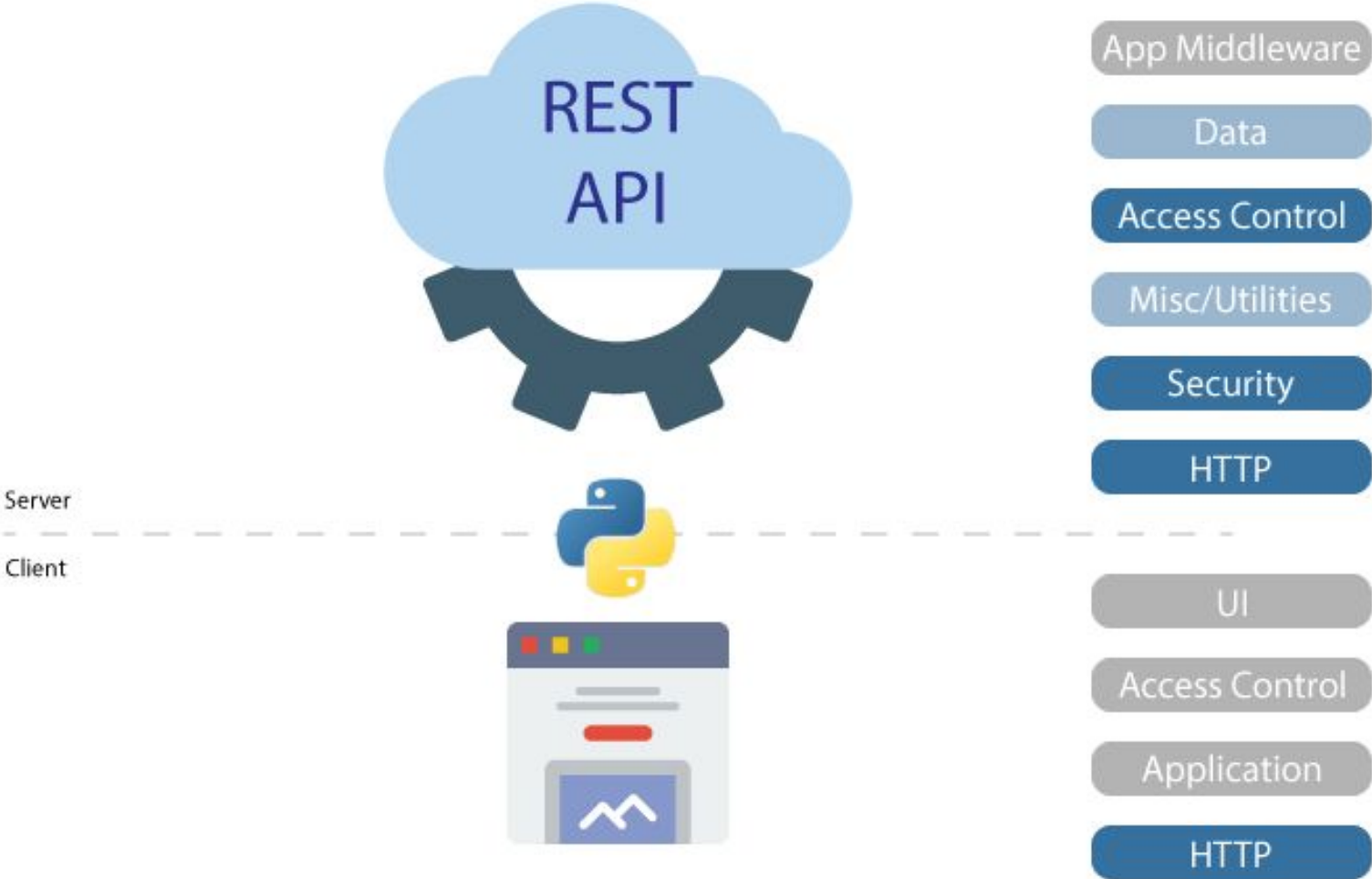
# Learning

- **Python Module Building**
- **Rest APIs**
- **Flask App**
- **Docker Concepts**
- **Virtual Environments**
- **Live App**
- **Deployment Environments**

# Module Building



# Rest API



# Flask API



**CREAT  
READ  
UPDATE  
DELETE**

# Docker

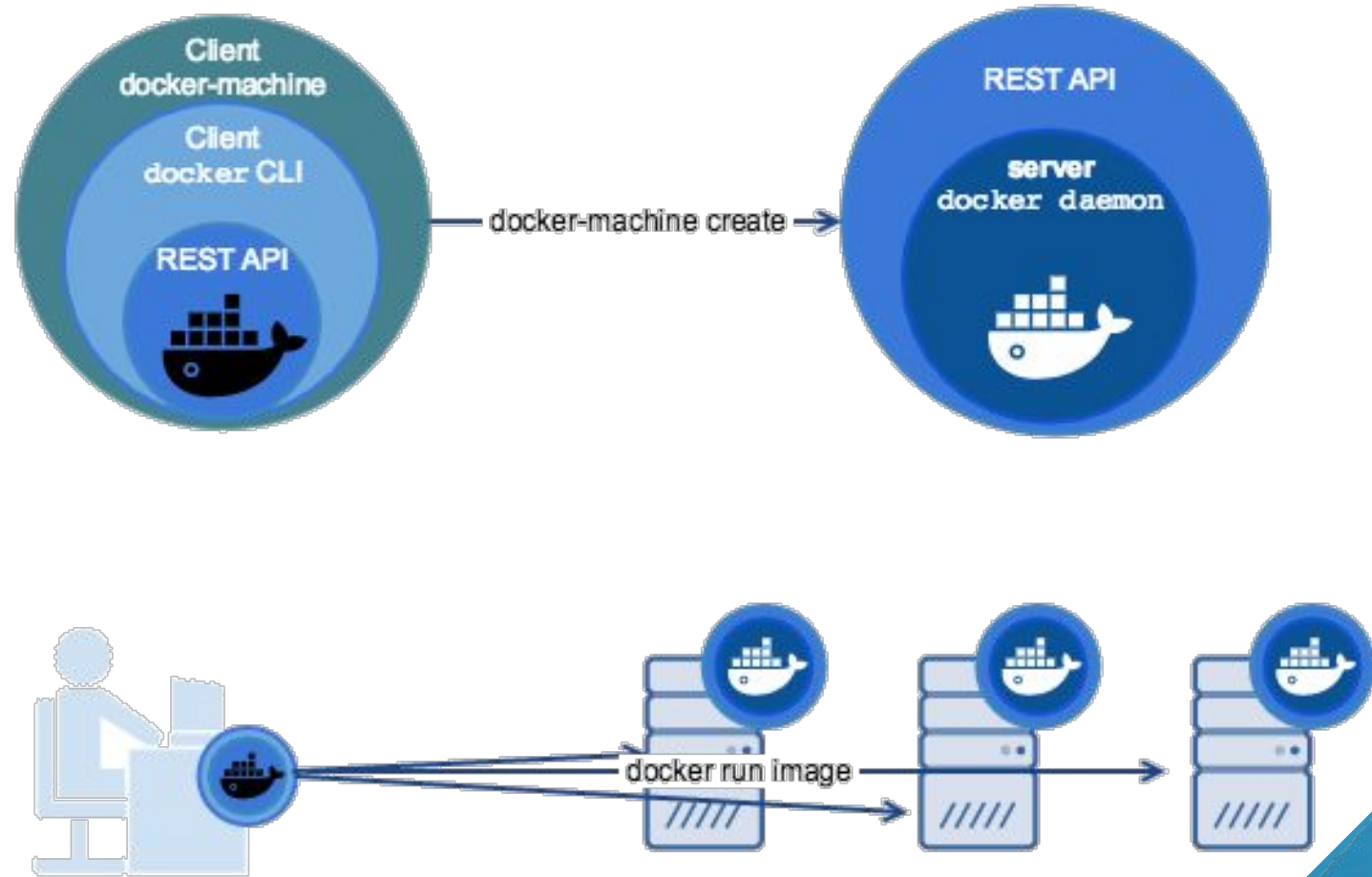
Isolation

Lightweight

Simplicity

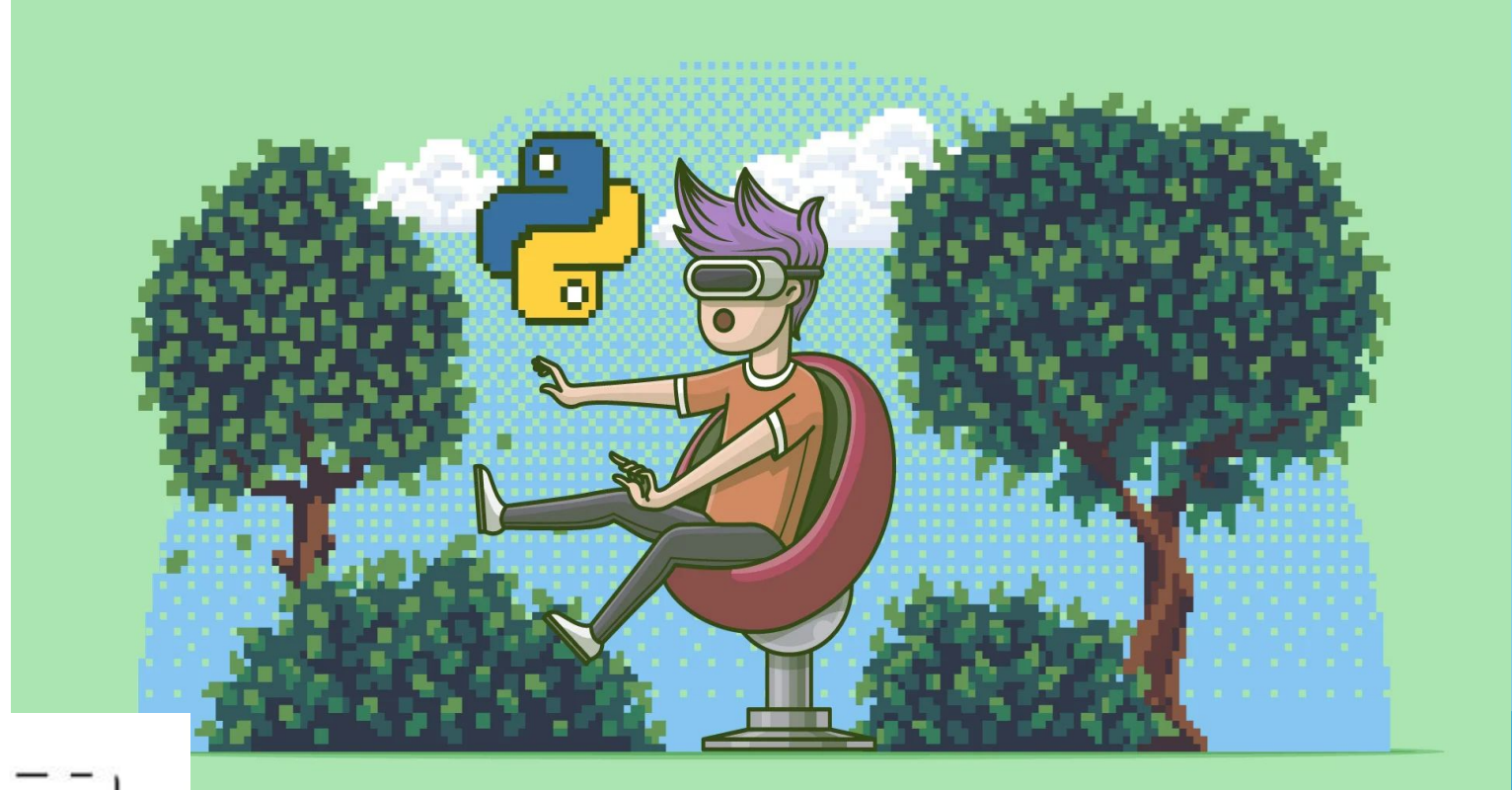
Workflow


Community





# Virtual Environment



virtual environment 1 

Python 3.9.1



3rd Party Libraries



virtual environment 2 

Python 2.7.2



3rd Party Libraries



# Development Environments

