Building your own EE using Ansible Builder

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AnsibleFest

Agenda

Ansible Builder

- **What is the Execution Environment?**

- **What is Ansible Builder?**

- **Installing Ansible Builder**

- **Demo**

- **Architecture of Ansible Builder**

- **What is execution-environment.yml and its structure?**

- **Questions and Answers**

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What is the Execution Environment?

- Container images
- Self Contained (incorporates System level dependencies, Ansible Collection content and Python dependencies)
- Customizable
- Easy to build
- Easy to distribute

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What is Ansible Builder?

- Open Source Command Line tool – [GitHub](#)
- Written in Python
- Builds Execution Environment (used by developers, consumers, and contributors)

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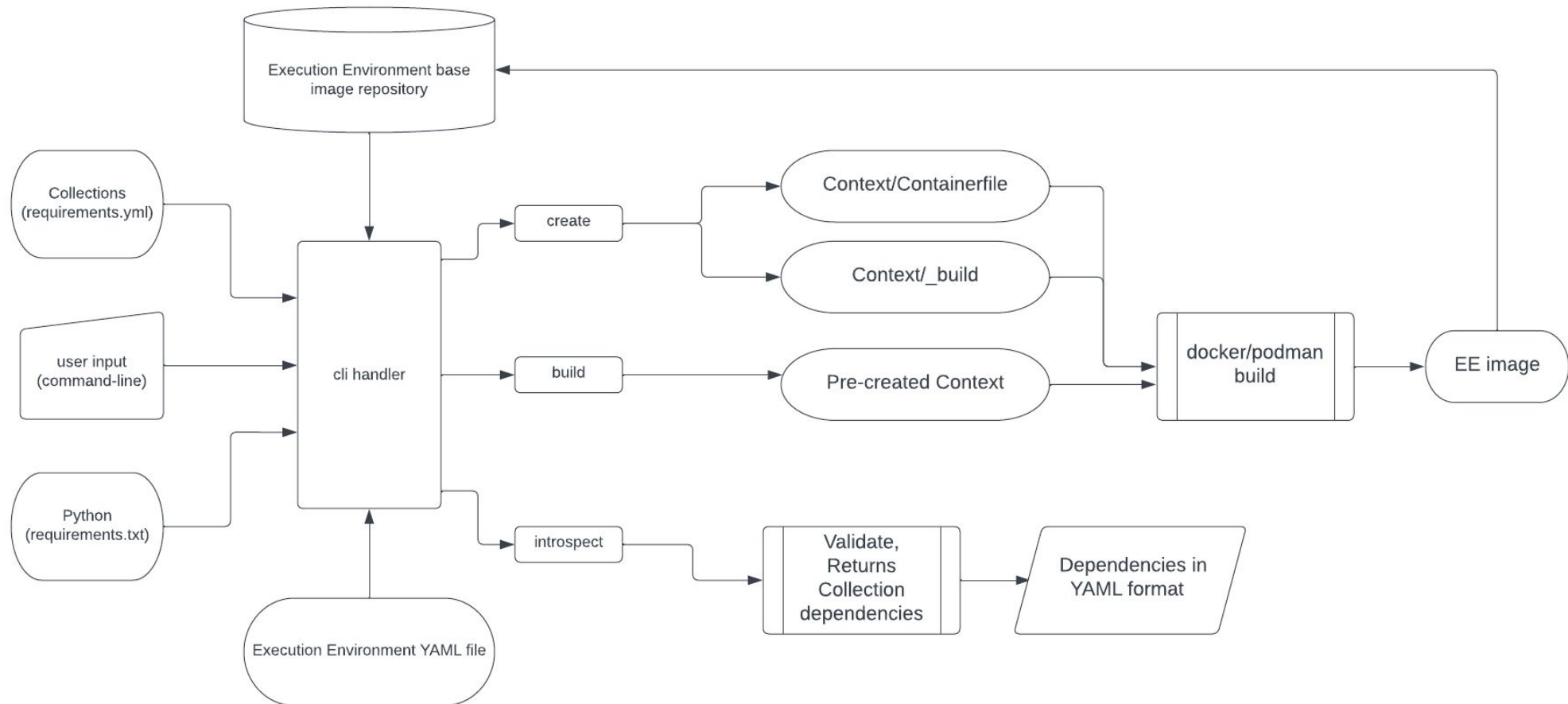# Installing Ansible Builder

- Pypi
  - pip install ansible-builder
- Source
  - pip install https://github.com/ansible/ansible-builder/archive/devel.zip

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Demo

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Ansible Builder Architecture

Overview

eFest

Execution Environment

- Build Args and base image
- Ansible Config File Path
- Ansible Galaxy Dependencies
- Python Dependencies
- System-level Dependencies
- Additional Custom Build Steps

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Thank you

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