

How all systems of infra interact.

yaml

“Ansible modules” => Desired state of the system => Rm when finished

modules are small and do very specific tasks (create a file, start docker, start nginx)

modules are grouped together to represent a configuration/all steps to deploy an app.

modules are grouped in tasks. Each task executes a module with args and a description.

Works with ssh.

where the task should be executed = HOSTS

which user should executes tasks = REMOTE_USER

If repeatable values => use vars

Play:

- user + host + tasks
- Can be named

Playbook:

- 1 or many books
- How, Which order, What Time, Where, What modules
- Orchestration modules execution
- Can manage the container and the host

Inventory lists:

- Where you define hosts
- all machines involved in Ansible tasks execution

Ansible Tower (UI Dashboard):

- Store automation tasks
- Configure permissions
- Manage inventory

Ansible vs Puppet and Chef:

- agentless (have to install something on servers)
- use yaml