Deployments using ansible

On 100+ VMs

Who am i?

Find me at: https://github.com/icart

Junior Dev at Eyepea/ALLOcloud (voip)

I do some server management

Server management sucks

No two servers alike

Complex operations

Tricky to automate and inventorize

Introducing: Ansible

Comparable to: chef, puppet. (but agentless)

Server management tool

Dynamic inventory

Integrates nicely with vagrant and more

Originated in Belgium (yay!)

How it works

Ssh into your servers

Upload python2 script

Run it

Cleanup

Setup

pip install ansible

OR apt-get install ansible

Ad hoc usage

Usage: ansible -m [module] -a [args] hosts
-i /path/to/inventory

alias ansible="ansible -i ~/[...]inventory"

ansible-doc

Playbooks

List of modules and args

ansible-playbook hosts -i /path/to/inventory

alias ansible="ansible -i ~/[...]inventory"

Example playbook deployment

(this is where i show a file)

Integration

Inventory and Runner class
Can be used for checking things

Example code