Playbooks

There’s another small quirk to YAML. All YAML files (regardless of their association with Ansible or not) can optionally begin with --- and end with .... This is part of the YAML format and indicates the start and end of a document.

All members of a list are lines beginning at the same indentation level starting with a "- " (a dash and a space):

**---**

*# A list of tasty fruits*

fruits**:**

**-** Apple

**-** Orange

**-** Strawberry

**-** Mango

**...**

A dictionary is represented in a simple key: value form (the colon must be followed by a space):

*# An employee record*

martin**:**

name**:** Martin D'vloper

job**:** Developer

skill**:** Elite

More complicated data structures are possible, such as lists of dictionaries, dictionaries whose values are lists or a mix of both:

*# Employee records*

**-** martin**:**

name**:** Martin D'vloper

job**:** Developer

skills**:**

**-** python

**-** perl

**-** pascal

**-** tabitha**:**

name**:** Tabitha Bitumen

job**:** Developer

skills**:**

**-** lisp

**-** fortran

**-** erlang

#Create a Playbook

$ vi <name of your file>.yml

---

- hosts: slave

tasks:

- name: installs nginx web server

yum: pkg=nginx state=installed update\_cache=true

notify:

- start nginx

handlers:

- name: start nginx

service: name=nginx state=started

#Run the playbook

$ ansible-playbook <name of your file>.yml

Playbook for copying the pub ksy to slave machines

|  |
| --- |
| --- |
|  | - hosts: all |
|  | tasks: |
|  | - name: make direcotry |
|  | file: |
|  | path: "/home/<username>/.ssh" |
|  | state: directory |
|  | - name: create empty file |
|  | file: |
|  | path: "/home/<username>/.ssh/authorized\_keys" |
|  | state: touch |
|  | - name: put pubkey |
|  | lineinfile: |
|  | path: "/home/<username>/.ssh/authorized\_keys" |
|  | line: "{{ pubkey }}" |
|  |  |

ansible-playbook -i <inventory-file> deploy\_authorized\_keys.yml --ask-pass --extra-vars='pubkey="<pubkey>"'

Running dokcer file using ansible