

CHEATSHEET FOR

Ansible

Getting started

Hosts

```
$ sudo mkdir /etc/ansible
$ sudo vim /etc/ansible/hosts
```

```
[example]
192.0.2.101
192.0.2.102
```

Running a playbook

```
$ ansible-playbook playbook.yml
```

Tasks

```
- hosts: all
  user: root
  sudo: no
  vars:
    aaa: bbb
  tasks:
    - ...
  handlers:
    - ...
```

Includes

```
tasks:
  - include: db.yml
handlers:
  - include: db.yml user=timmy
```

Handlers

```
handlers:
  - name: start apache2
    action: service name=apache2 state=started

tasks:
  - name: install apache
    action: apt pkg=apache2 state=latest
    notify:
      - start apache2
```

Vars

```
- host: lol
vars_files:
  - vars.yml
vars:
  project_root: /etc/xyz
tasks:
  - name: Create the SSH directory.
```

```
file: state=directory path=${project_root}/home/.ssh/  
only_if: "$vm == 0"
```

Roles

```
- host: xxx  
  roles:  
    - db  
    - { role:ruby, sudo_user:$user }  
    - web  
  
# Uses:  
# roles/db/tasks/*.yaml  
# roles/db/handlers/*.yaml
```

Task: Failures

```
- name: my task  
  command: ...  
  register: result  
  failed_when: "'FAILED' in result.stderr"  
  
  ignore_errors: yes  
  
  changed_when: "result.rc != 2"
```

Env vars

```
vars:  
  local_home: "{{ lookup('env','HOME') }}"
```

References

- [Intro](#)
- [Modules](#)