## **ANSIBLE ROLES**

## ansible-galaxy init my\_project

```
defaults
    main.yml
files
handlers
    main.yml
meta
    main.yml
README.md
tasks
    main.yml
templates
tests
    inventory
test.yml
vars
main.yml
```

```
Defaults -- main.yml
For writing the default values, basically variables with lowest priority
Files
All the files related to this Role
Handlers -- main.yml
For writing all the handlers
Meta -- main.yml
It is a document file, which is used to writer all the metadata related to the Role
README.md
A file created with all the basic information any person who wants to use this
roles needs to know
Tasks -- main.yml
To write down all the tasks
Templates
To store all the Jinja related Template files
Tests -- inventory -- test.yml
```

This is used for testing your role before full fledged implementations.

All the Variables are stored here, at higher priority.

## Tasks --- main.yml

Vars -- main.yml

```
tasks file for my_project

name: Copy a file
copy:
    src: file1.txt
    dest: "{{ path_to_copy }}/abc.txt"
    import_tasks: task1.yml
    name: Copy a Jinja File
    template:
        src: template1.txt
        dest: "{{ path_to_copy }}/new.txt"
    notify: service_restart
    import_tasks: task2.yml
```