

Ansible Role at glance

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| -- defaults  
| -- files  
| -- handlers  
| -- meta  
| -- tasks  
| -- templates  
| -- tests  
| -- vars
```

```

|-- defaults
    - This a directory were default elements are stored, it means
that
    if an instruction is not provided in the playbook ansible
will default
    into this directory to fecth the information
|-- files
    - In this directory we place all files and directories that will
be needed to
    deploy our roles example but not limited to
        - bash shell script
        - python script
        - helm charts
        - dockerfiles
        - k8s manifests
        - jenkinsfile
        - etc .....
|-- handlers
    In this directory we place  playbook module that mamage services
    The particularity of this is that it always run after the service
has been installed and can be used to
    do the following on the service
        - start
        - stop
        - enable
        - restart
        - reload

|-- meta
    In this dicrectory we place information that can not be changed
once the role
    has been deployed
|-- tasks
    In this directory we place all playbooks that will be run by
ansible
|-- templates
    In this directory we place all Jinja2 templates that ansible will
run
    PS: ansible use yaml language, Python interpretor, and Jinja2
template
|-- tests
    In this directory we can place any test script that will help
    us to make sure that our role ran successfuly
`-- vars
    In this directory we list all variables that will be required to
run the
    role
    PS: if a variable is not set in this directory, ansible will try
to fecth it from the default directory

```

