#ansible-galaxy init /etc/ansible/roles/apache --offline

- apache was created successfully  
[root@server ~]#

[root@server ~]# tree /etc/ansible/roles/apache/  
/etc/ansible/roles/apache/  
|-- README.md  
|-- defaults  
|   `-- main.yml  
|-- files  
|-- handlers  
|   `-- main.yml  
|-- meta  
|   `-- main.yml  
|-- tasks  
|   `-- main.yml  
|-- templates  
|-- tests  
|   |-- inventory  
|   `-- test.yml  
`-- vars  
    `-- main.yml  
8 directories, 8 files

============================= =============== ============   
[root@server ~]# Example playbook

========================== ================== ============

---  
- hosts: all  
  tasks:  
  - name: Install httpd Package  
    yum: name=httpd state=latest  
  - name: Copy httpd configuration file  
    copy: src=/data/httpd.original dest=/etc/httpd/conf/httpd.conf  
  - name: Copy index.html file  
    copy: src=/data/index.html dest=/var/www/html  
    notify:  
    - restart apache  
  - name: Start and Enable httpd service  
    service: name=httpd state=restarted enabled=yes  
  handlers:  
  - name: restart apache  
    service: name=httpd state=restarted

cd /etc/ansible/roles/apache

[root@server apache]# vi tasks/main.yml  
---  
- name: Install httpd Package  
  yum: name=httpd state=latest  
- name: Copy httpd configuration file  
  copy: src=/data/httpd.original dest=/etc/httpd/conf/httpd.conf  
- name: Copy index.html file  
  copy: src=/data/index.html dest=/var/www/html  
  notify:  
  - restart apache  
- name: Start and Enable httpd service  
  service: name=httpd state=restarted enabled=yes

[root@server apache]# cat tasks/main.yml  
---  
# tasks file for /etc/ansible/roles/apache  
- import\_tasks: install.yml  
- import\_tasks: configure.yml  
- import\_tasks: service.yml

[root@server apache]# cat tasks/install.yml  
---  
- name: Install httpd Package  
  yum: name=httpd state=latest

[root@server apache]# cat tasks/configure.yml  
---  
- name: Copy httpd configuration file  
  copy: src=files/httpd.conf dest=/etc/httpd/conf/httpd.conf  
- name: Copy index.html file  
  copy: src=files/index.html dest=/var/www/html  
  notify:  
  - restart apache

[root@server apache]# cat tasks/service.yml  
---  
- name: Start and Enable httpd service  
  service: name=httpd state=restarted enabled=yes

[root@server apache]# ll files/\*  
-rw-r--r-- 1 root root 11753 Feb  4 10:01 files/httpd.conf  
-rw-r--r-- 1 root root    66 Feb  4 10:02 files/index.html

[root@server apache]# cat files/index.html  
This is a homepage created by server.net for ansible roles.  
[root@server apache]#

[root@server apache]# cat handlers/main.yml  
---  
# handlers file for /etc/ansible/roles/apache

- name: restart apache  
  service: name=httpd state=restarted

[root@server apache]# cat meta/main.yml

galaxy\_info:

  author: Server.net  
  description: Apache Webserver Role  
  company: Server.net  
  # If the issue tracker for your role is not on github, uncomment the  
  # next line and provide a value  
  # issue\_tracker\_url: http://example.com/issue/tracker  
  # Some suggested licenses:  
  # - BSD (default)  
  # - MIT  
  # - GPLv2  
  # - GPLv3  
  # - Apache  
  # - CC-BY  
  license: license (GPLv2, CC-BY, etc)  
  min\_ansible\_version: 1.2  
  # If this a Container Enabled role, provide the minimum Ansible Container version.  
------skipped

[root@server apache]# tree  
.  
|-- README.md  
|-- defaults  
|   `-- main.yml  
|-- files  
|   |-- httpd.conf  
|   `-- index.html  
|-- handlers  
|   `-- main.yml  
|-- meta  
|   `-- main.yml  
|-- tasks  
|   |-- configure.yml  
|   |-- install.yml  
|   |-- main.yml  
|   `-- service.yml  
|-- templates  
|-- tests  
|   |-- inventory  
|   `-- test.yml  
`-- vars  
    `-- main.yml  
8 directories, 13 files  
[root@server apache]#

[root@server apache]# cat /etc/ansible/runsetup.yml  
---  
 - hosts: node2  
   roles:  
   - apache  
[root@server apache]#

[root@server apache]# ansible-playbook /etc/ansible/runsetup.yml --syntax-check  
playbook: /etc/ansible/runsetup.yml  
[root@server apache]#

[root@server apache]# ansible-playbook /etc/ansible/runsetup.yml  
PLAY [node2] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
TASK [Gathering Facts] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
ok: [node2]  
TASK [apache : Install httpd Package] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
changed: [node2]  
TASK [apache : Copy httpd configuration file] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
Changed: [node2]  
TASK [apache : Copy index.html file] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
changed: [node2]  
TASK [apache : Start and Enable httpd service] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
changed: [node2]  
RUNNING HANDLER [apache : restart apache] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
changed: [node2]  
PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
node2                      : ok=6    changed=5    unreachable=0    failed=0

[root@node2 ~]# rpm -q httpd  
httpd-2.4.6-67.el7.centos.6.x86\_64  
[root@node2 ~]# systemctl status httpd  
httpd.service - The Apache HTTP Server  
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled)  
   Active: active (running) since Sun 2018-02-04 10:23:44 IST; 1min 58s ago  
     Docs: man:httpd(8)  
           man:apachectl(8)

[root@node2 ~]# elinks http://node2  
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