Project layout

- files

- templates

- collections

- roles

- galaxy

```
ansible.cfg              # parameters that affect running
playbook.yml             # main playbook
collections/
    requirements.yml     # ansible-collection dependencies
files/                   # 'files' is used for relative paths
    static.txt           # file for use with the copy action
    script.py            # script to use with the script action
galaxy/                  # roles imported from galaxy
group_vars/              # project variables can be encrypted
  db/                    # db corresponds to an inventory group
    secrets              # ansible-vault encrypted file
library/                 # python libraries
requirements.txt         # python library dependencies
roles/                   # in-project roles
    myrole/              # this hierarchy represents a "role"
        defaults/        # defaults can be overriden
            main.yml     # contains values for variables
        tasks/           # actions that drive modules
            main.yml     # could include other files
        handlers/        # can be notified by tasks on change
            main.yml     # defines state after change
        templates/       # for use with the template module
            hosts.j2     # Jinja2 can be used
    requirements.yml     # list of ansible-role dependencies
templates/               # template file overrides
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Use ansible-vault to store project secrets

Use subdirs in group_vars

secrets vars.yml

```
$ vim group_vars/db/secrets

$ ansible-vault encrypt group_vars/db/secrets
Vault password:
Confirm Vault password:
Encryption successful

$ ansible-vault edit group_vars/db/secrets
Vault password:

$ cat group_vars/dbservers/secrets
$ANSIBLE_VAULT;1.1;AES256
30623164636337303064313565393361656437343739396235643861336265373138653965303861
39333063333636164353330393137633061653230366664310a31373432336330626135333930643
31623732373933333666656665464135656637536366646231336161323838313661636232613365
64316361632373036300a6666333361353736361326163633961626231396433393533663064306336
653063653238366338383066393362303830393530353432393064323313535326633
```

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