

ANSIBLE GALAXY

Exercise: Creating a Role

1. Initialize a role named 'web'

```
$ mkdir -p ~/.ansible/roles  
$ cd ~/.ansible/roles  
$ ansible-galaxy role init web  
$ tree web
```

- Explain what was created

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```
a_role/
├── README.md           # documentation
├── defaults
│   └── main.yml        # default variables that can be overridden
├── files               # files and scripts to be transferred
├── handlers
│   └── main.yml        # the actions that respond to change notifications
├── meta
│   └── main.yml        # information about the role
├── tasks
│   └── main.yml        # entry point for the actions a role does
├── templates           # Jinja2 template files to be uploaded to hosts
├── tests               # For ansible-playbook --syntax-check
│   ├── inventory
│   └── test.yml
└── vars
    └── main.yml        # variables that shouldn't generally be overridden
```