


Creating a Role

1. Initialize a role named 'httpd'
 - Explain what was created
2. Install the httpd package
 - Use the 'package' module
 - Run 'molecule converge'
 - Discuss what happened
3. Launch the web server in a handler
 - Run 'ansible-doc systemd' for help
 - Verify it

ANSIBLE GALAXY



```
a_role/
├── Jenkinsfile           # continuous integration pipeline
├── 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
├── molecule
│   └── default
│       ├── converge.yml  # playbook for test convergence
│       ├── molecule.yml  # definition of test environment
│       └── verify.yml    # tests after convergence
├── tasks
│   └── main.yml          # entry point for the actions a role does
├── templates             # Jinja2 template files to be uploaded to hosts
├── vars
│   └── main.yml          # variables that shouldn't generally be overridden
```