

molecule **verify**

```
$ vim molecule/default/verify.yml
```

```
---
```

```
- name: Verify
  hosts: all
  gather_facts: false
  vars:
    role_name: "{{ lookup('env', 'MOLECULE_PROJECT_DIRECTORY') | basename }}"
  tasks:
    - name: "Include web"
      ansible.builtin.include_role:
        name: "{{ role_name }}"
        tasks_from: verify
```

```
$ vim tasks/verify.yml
```

```
---
```

```
# Verify desired state, both absent and present can be verified.
```

```
- name: Gather package facts
```

```
  ansible.builtin.package_facts:
```

```
- name: Assert package is installed
```

```
  ansible.builtin.assert:
```

```
    quiet: true
```

```
    that:
```

```
      - "'{{ package }}" {{ package_clause }} ansible_facts.packages"
```

```
- name: Gather service facts
```

```
  ansible.builtin.service_facts:
```

```
- name: Assert service absence
```

```
  when: desired_state == 'absent'
```

```
  ansible.builtin.assert:
```

```
    quiet: true
```

```
    that:
```

```
      - ansible_facts.services['{{ service }}'] is not defined
```

```
- name: Test the service
```

```
  when: desired_state == 'present'
```

```
  block:
```

```
    - name: Assert that service is OK
```

```
      ansible.builtin.assert:
```

```
        quiet: true
```

```
        that:
```

```
          - ansible_facts.services['{{ service~'.service' }}'].status == 'enabled'
```

```
          - ansible_facts.services['{{ service~'.service' }}'].state == 'running'
```