$ansible

call a shell command:
    -a "$command"
call with sudo rights:
    --sudo
test if machine responses:
    -m ping
call an arbitrary module:
    -m $module -a "$argument"
gather specific facts:
    -m setup -a "filter=*distri*"

$ansible-playbook

call a book:
    $host some/playbook.yaml
run in parallel:
    -f 10
list affected hosts:
    --list-hosts"

basic playbook.yaml

YAML format:

    - hosts:all
launch task:
    - name: check avail
      ping:
variables:
    vars:
      rack: green
include tasks:
    tasks:
    - { include: tasks/my.yml, user=alice }
include handlers:
    handlers:
    - { include: handlers/my.yml }
call depedency:
    tasks:
    - name: copy file
      copy: src=a dest=b
      notify:
        - restart sshd
    handlers:
      - name: restart sshd

inventory

general inventory:
    /etc/ansible/hosts
shell variable:
    $ANSIBLE_HOSTS
normal entry:
    www.example.com
multi-definition:
    db[0-9].example.com
custom ip:
    ansible_ssh_host
grouping:
    [group]
specific user:
    ansible_ssh_user
specific port:
    ansible_ssh_port

complex playbook.yaml

loop over items:
    - name: copy file
      copy: src={{item.src}} \
            dest={{item.dst}}
      with_items:
        - {src: a, dst: b}
        - {src: k, dst: l}
conditionals:
    - name: reboot Debian
      command: shutdown -r now
      when: ansible_os_family == "Debian"
Roles:
    - hosts: webserver
      roles:
        - common
        - dbservers
      roles/
        common/
          files/
          templates/
          tasks/main.yml
          handlers/main.yml
          vars/main.yml
          meta/main.yml
        webservers/
        ...