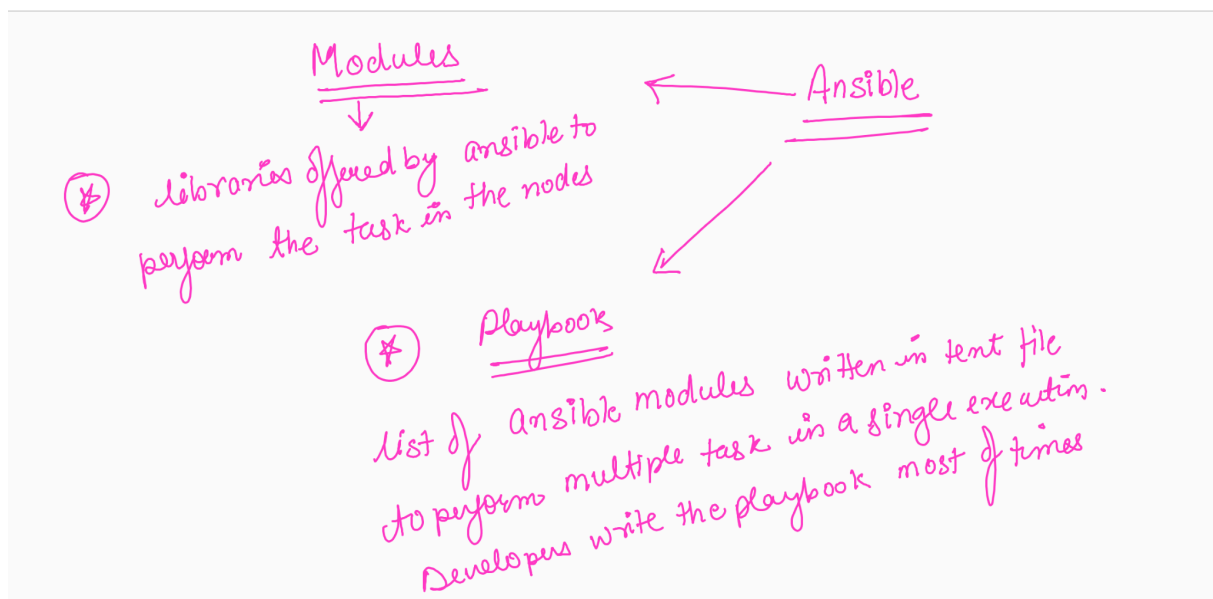


recording of installation is 10 sep 2024 8:35 pm onwards

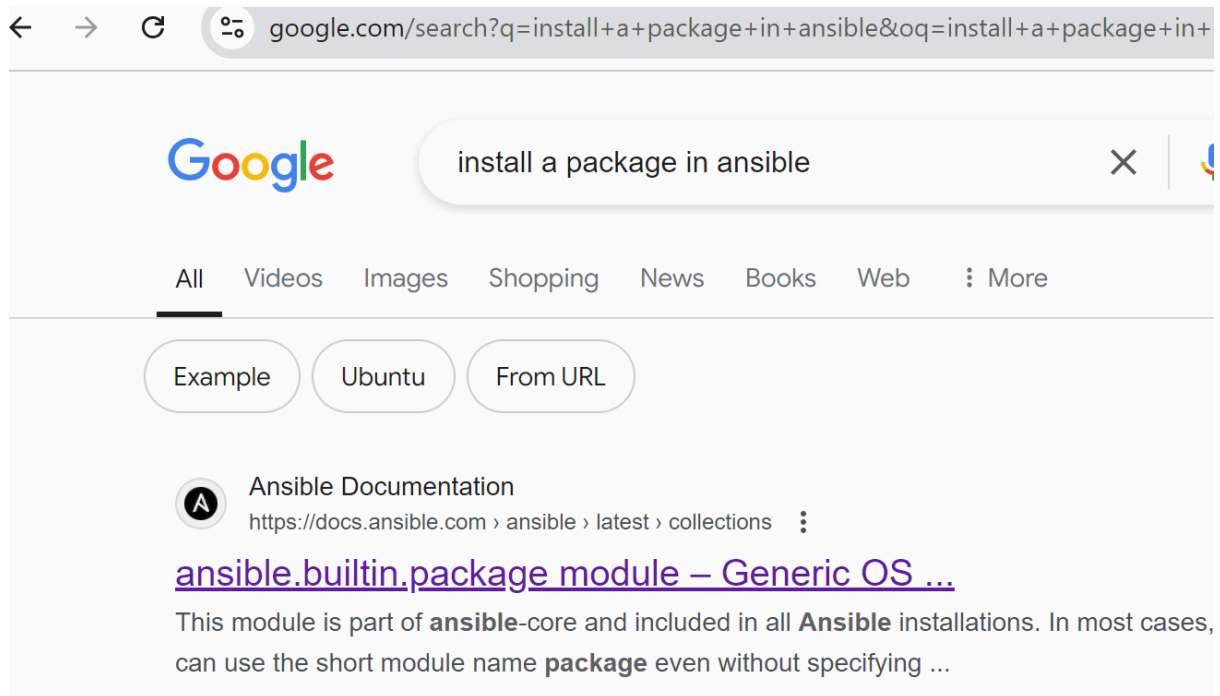
Link for ansible installation:

<https://docs.google.com/document/d/1tOL9RkptkhZMoDDameT-4NrLv11Ft4G-/edit?usp=sharing&oid=103157204066713600014&rtopof=true&sd=true>

#####



REFER 15 min recording from 10:03 pm 10 sep as i am explaining how to use modules from internet



https://docs.ansible.com/ansible/latest/collections/ansible/builtin/package_module.html

NOTES

Note

- While `ansible.builtin.package` abstracts package managers to ease dealing with multiple distributions, package name often differs for the same software.

Examples

```
- name: Install ntpdate
  ansible.builtin.package:
    name: ntpdate
    state: present

# This uses a variable as this changes per distribution.
- name: Remove the apache package
  ansible.builtin.package:
    name: "{{ apache }}"
    state: absent

- name: Install the latest version of Apache and MariaDB
  ansible.builtin.package:
    name:
      - httpd
      - mariadb-server
    state: latest
```

Handwritten notes:

- module name to install any package (points to `ansible.builtin.package`)
- package name that would be installed in nodes (points to `name: ntpdate`)
- State (points to `state: present`)
- present → Install
- absent → Remove (delete)
- update (points to `state: latest`)

`ansible all -b -m ansible.builtin.package -a "name=apache2 state=present"`

```
aws Services Search [Alt+S]
Management: https://landscape.canonical.com
vops@ip-172-31-29-202:~$ ansible all -b -m ansible.builtin.package -a "name=apache2 state=present"
2.31.19.55 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "cache_update_time": 172598126,
  "cache_updated": false,
  "changed": true,
  "stderr": "",
  "stderr_lines": [],
  "stdout": "Reading package lists...Building dependency tree...Reading state information...The following additional packages
ll be installed:\n apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3\n libaprutil1-ldap libaprutil1t64 lib
a5.4-0 ssl-cert\nSuggested packages:\n apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser\nThe following NEW p
kages will be installed:\n apache2 apache2-bin apache2-data apache2-utils libapr1t64\n libaprutil1-dbd-sqlite3 libaprutil1-ldap lib
prutil1t64 liblua5.4-0 ssl-cert\n0 upgraded, 10 newly installed, 0 to remove and 130 not upgraded.\nNeed to get 2083 kB of archives.
```

module name

module

argument

we are installing apache2 in the node

to talk to ansible

all the machines in our host

we can also put group name

become: command would be executed with sudo permissions

