

Can loops be executed on dictionary values in Ansible? Yes

Which type of plugin with_* directives use in Ansible? Lookup

The playbook /home/bob/playbooks/fruits.yml currently runs an echo command to print a fruit name. Apply a loop directive (with_items) to the task to print all fruits defined under the fruits variable.

```
[bob@student-node playbooks]$ cat fruits.yml
```

```
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```

```
- name: 'Print list of fruits'
  hosts: localhost
  vars:
    fruits:
      - Apple
      - Banana
      - Grapes
      - Orange
  tasks:
    - command: 'echo "{{ item }}"'
      with_items: '{{ fruits }}
```

We are attempting to install multiple packages using the yum module for a more realistic use case. The playbook /home/bob/playbooks/packages.yml installs only a single package. Update it to install all packages defined under packages variable.

```
[bob@student-node playbooks]$ cat packages.yml
```

```
---
```

```
- name: 'Install required packages'
  hosts: localhost
  become: yes
  vars:
    packages:
      - httpd
      - make
      - vim
  tasks:
    - yum:
        name: "{{ item }}"
        state: present
        with_items: "{{ packages }}
```