

By default ansible... collects facts from all managed nodes .

What module is used by ansible internally to collect facts? Setup

What is the setting in the ansible configuration file that defines the default behaviour of gathering facts in ansible?  
Gathering

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Identify the OS distribution\_version of the localhost using ansible facts –

```
[thor@ansible-controller playbooks]$ cat version.yml ---
- name: 'distribution_version'
  hosts: localhost
  tasks:
  - debug:
      var: ansible_facts
[thor@ansible-controller playbooks]$ ansible-playbook -i inventory version.yml | grep distribution_version
```

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Identify the OS distribution of the web1 host using ansible facts  
Use the inventory file given in /home/thor/playbooks/web

```
[thor@ansible-controller web]$ ansible -i inventory -m setup web1 | grep distribution
"ansible_distribution": "Ubuntu",
"ansible_distribution_file_parsed": true,
"ansible_distribution_file_path": "/etc/os-release",
"ansible_distribution_file_variety": "Debian",
"ansible_distribution_major_version": "16",
"ansible_distribution_release": "xenial",
"ansible_distribution_version": "16.04",
```

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A playbook is given at /home/thor/playbooks/db/playbook.yml. We are trying to print the server architecture.  
However it prints that the variable is not defined.  
Identify and fix the issue.

```
[thor@ansible-controller db]$ cat playbook.yml
---
- hosts: db1
  gather_facts: true
  tasks:
  - name: Get server architecture
    debug:
      var: ansible_facts.architecture
```

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Retrieve all the facts of the web1 server and store them in a file at /home/thor/playbooks/web/web-facts.txt  
Inventory file is at /home/thor/playbooks/web

```
ansible -m setup web1 -i inventory > /home/thor/playbooks/web/web-facts.txt
```

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