String Interpolation

```
I have 4 apples
```

```
apple_count = 4
puts "I have #{apple_count} apples"
```

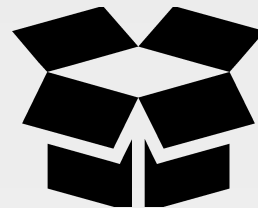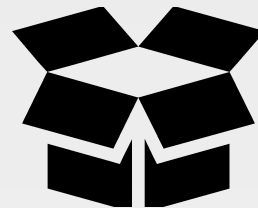http://en.wikipedia.org/wiki/String_interpolation#Ruby
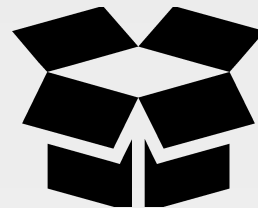
CONCEPT

String Interpolation

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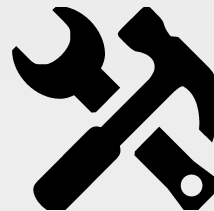http://en.wikipedia.org/wiki/String_interpolation#Ruby

CONCEPT

String Interpolation

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I have 4 apples
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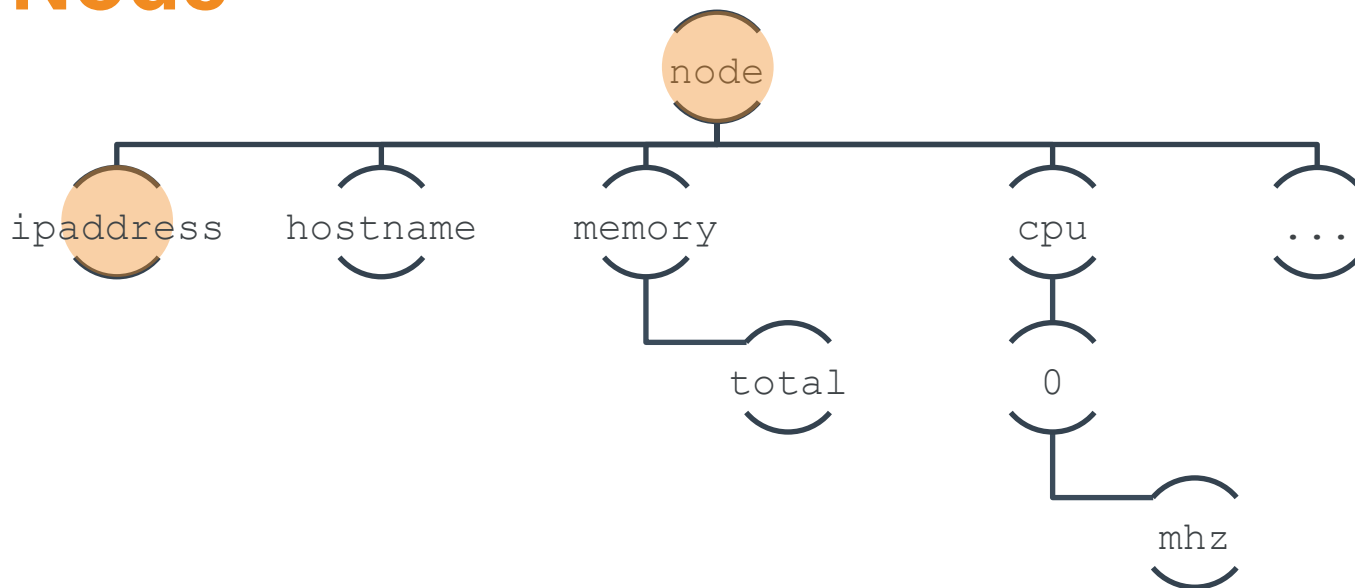```
apple_count = 4
puts "I have #{apple_count} apples"
```

# How do I access attributes inside of a recipe?

❏ node['attribute'] resolves to the value of the attribute

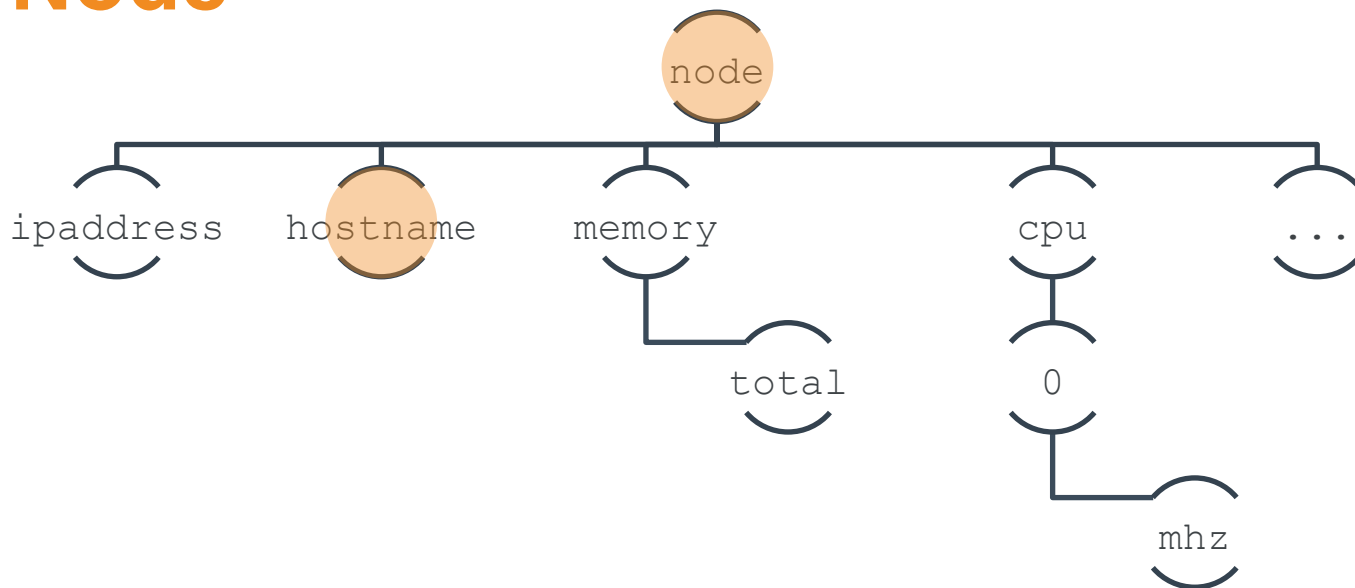❏ Use string interpolation to access node values inside of a string, like the 'content' property in the files resource

# The Node



```
IPADDRESS: 104.236.192.102
```

```
"IPADDRESS: #{node['ipaddress']}"
```

The Node


```
HOSTNAME: banana-stand
```

```
"HOSTNAME: #{node['hostname']}"
```
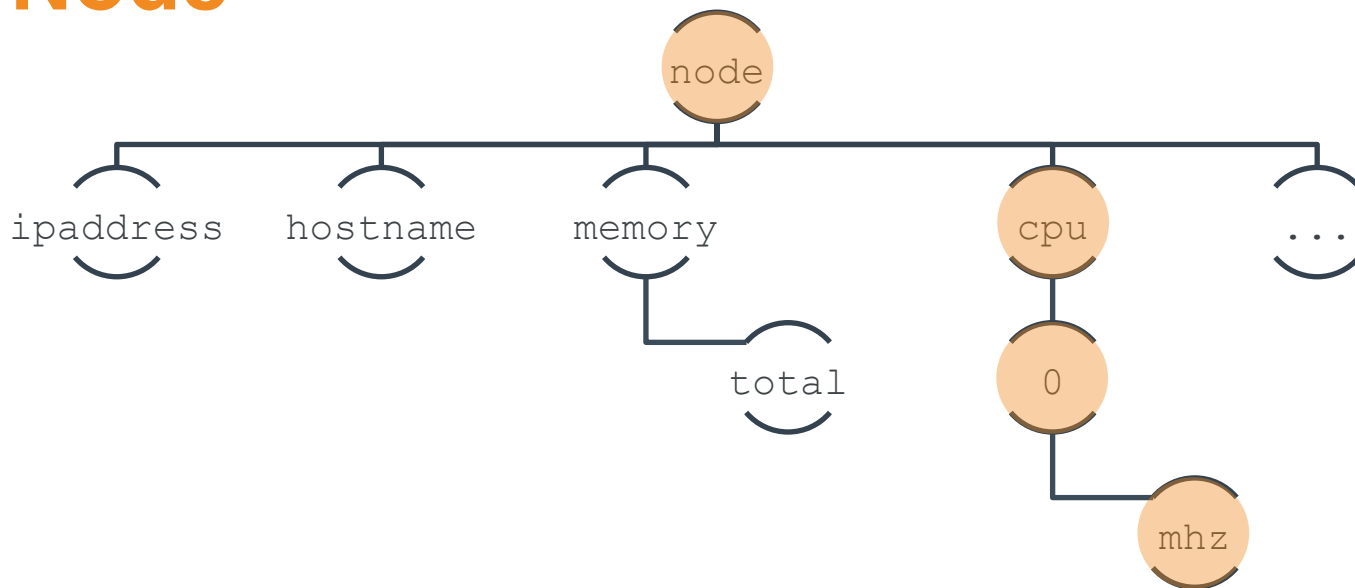
The Node
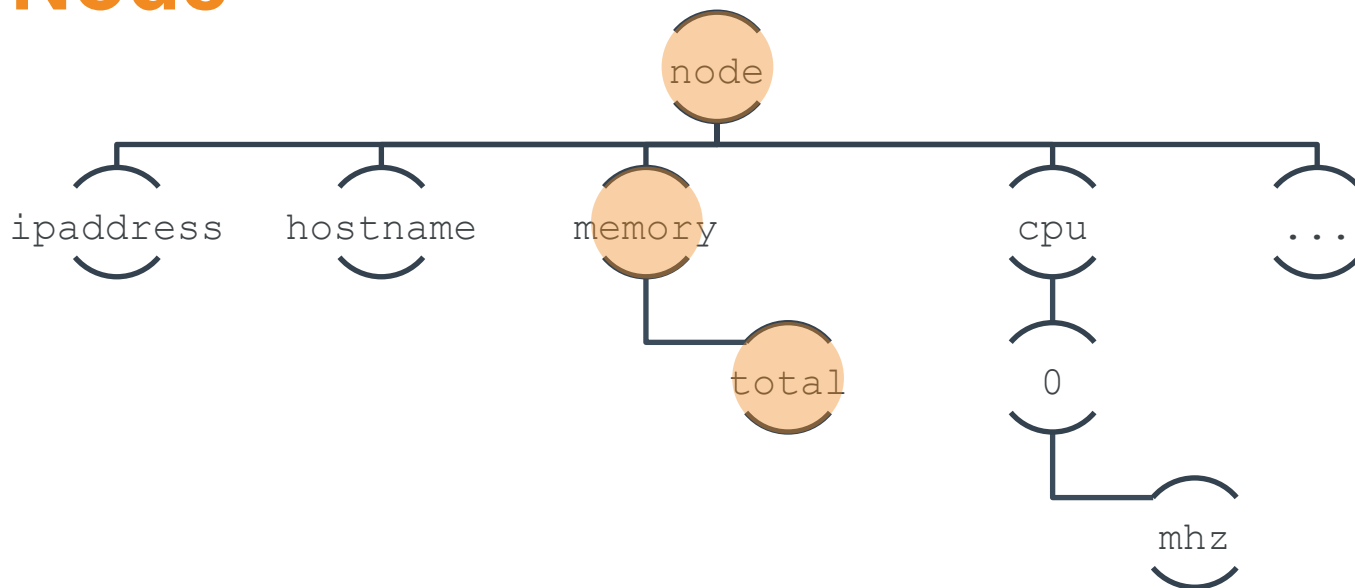

```
MEMORY: 502272kB
```

```
"MEMORY: #{node['memory']['total']}"
```
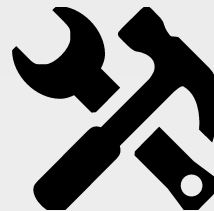
The Node


```
CPU: 2399.998 MHz
```

```
"CPU: #{node['cpu']['0']['mhz']} MHz"
```

Using the Node's Attributes

~/cookbooks/workstation/recipes/setup.rb

```
# ... PACKAGE RESOURCES ...
file '/etc/motd' do
  content "Property of ...                                              `

  IPADDRESS: #{node['ipaddress']}
  HOSTNAME : #{node['hostname']}
  MEMORY   : #{node['memory']['total']}
  CPU      : #{node['cpu']['0']['mhz']}
"
  mode '0644'
  owner 'root'
  group 'root'
end
```

CHEF

Verify the Changes

❑ Change directory into the "workstation" cookbook's directory

❑ Change directory into the home directory

❑ Run chef-client locally to verify the "workstation" cookbook's default recipe.

Lab: Apply the Workstation's Default Recipe

```
$ cd ~

$ sudo chef-client --local-mode -r "recipe[workstation]"
```

```
Starting Chef Client, version 12.3.0

resolving cookbooks for run list: ["workstation"]

Synchronizing Cookbooks:

  - workstation

Compiling Cookbooks...
```

CHEF

Verifying that the MOTD has been Updated

```
$ cat /etc/motd
```

```
Property of ...


    IPADDRESS: 172.31.57.153

    HOSTNAME : ip-172-31-57-153

    MEMORY   : 604308kB

    CPU      : 1795.673


```