Lab: Node Details in the Webserver

In this lab, the file resource named '/var/www/html/index.html' is created with the content that includes the node details:

- o ipaddress
- o hostname

❑ Run chef-client to locally apply the "apache" cookbook's default recipe.
❑ Update the version of the "apache" cookbook
❑ Commit the changes

Lab: Apache Recipe

`~/cookbooks/apache/recipes/server.rb`

```
...

file '/var/www/html/index.html' do
  content "<h1>Hello, world!</h1>
<h2>ipaddress: #{node['ipaddress']}</h2>
<h2>hostname: #{node['hostname']}</h2>
"
end

...
```

Lab: Run chef-client to Apply the Apache Cookbook

```
$ cd ~
$ sudo chef-client --local-mode -r "recipe[apache]"
```

```
Starting Chef Client, version 12.3.0
resolving cookbooks for run list: ["apache"]
Synchronizing Cookbooks:
  - apache
Compiling Cookbooks...
(skipping)
* service[httpd] action enable (up to date)
* service[httpd] action start (up to date)
Running handlers:
Running handlers complete
Chef Client finished, 1/4 resources updated in 29.019528692 seconds
```

Lab: Update the Cookbook Version

`~/cookbooks/apache/metadata.rb`

```
name                'apache'
maintainer          'The Authors'
maintainer_email    'you@example.com'
license             'all_rights'
description         'Installs/Configures apache'
long_description    'Installs/Configures apache'
version             '0.2.0'
```
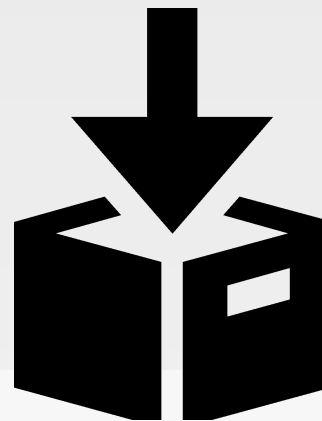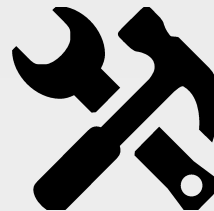
Lab: Commit Your Work

```
$ cd ~/cookbooks/apache
$ git add .
$ git status
$ git commit -m "Release version 0.2.0"
```

Lab: Node Details in the Webserver

In this lab, the file resource named '/var/www/html/index.html' is created with the content that includes the node details:

- o ipaddress
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✓ Run kitchen test for the "apache" cookbook
✓ Run chef-client to locally apply the "apache" cookbook's default recipe.
✓ Update the version of the "apache" cookbook
✓ Commit the changes

Discussion

What is the major difference between a single-quoted string and a double-quoted string?

How are the details about the system available within a recipe?