

Objectives:

Use ChefSpec to perform unit tests on Custom resources

1. Add an example to render a file with name users.conf:

```
context 'When all attributes are default, on Ubuntu 20.04' do
  # for a complete list of available platforms and versions see:
  # https://github.com/chefspec/fauxhai/blob/master/PLATFORMS.md
  platform 'ubuntu', '20.04'

  it 'creates the index file' do
    expect(chef_run).to render_file('/srv/apache/users/html/index.html').with_content('<h1>Welcome users!</h1>')
  end

  it 'creates the conf file' do
    expect(chef_run).to render_file('/etc/apache2/sites-enabled/users.conf')
  end
end
```

2. Add the correct test for the 'admins.conf' file for the Ubuntu platform

3. Add tests for the 'users.conf' and 'admins.conf' files for the 'CentOS' configuration files also (solution at the bottom of the page)

4. Add an example to check for an html directory. Add this to both platforms:

```
context 'When all attributes are default, on Ubuntu 20.04' do
  # for a complete list of available platforms and versions see:
  # https://github.com/chefspec/fauxhai/blob/master/PLATFORMS.md
  platform 'ubuntu', '20.04'

  it 'creates the index file' do
    expect(chef_run).to render_file('/srv/apache/admins/html/index.html').with_content('Welcome admins!')
  end

  it 'creates the conf file' do
    expect(chef_run).to render_file('/etc/apache2/sites-enabled/admins.conf')
  end

  it 'creates the html directory' do
    expect(chef_run).to create_directory('/srv/apache/admins/html')
  end
end
```

5. Test with ChefSpec and Test Kitchen

Notify your instructor that you are done with the lab

END OF LAB