

Installing Chef Solo on Ubuntu

Make sure you are root user

```
sudo -i
root@intro:~# cd ~
root@intro:~# curl -L https://www.opscode.com/chef/install.sh | bash
root@intro:~# chef-solo -v
root@intro:~# wget http://github.com/opscode/chef-repo/tarball/master
root@intro:~# tar -zxf master
root@intro:~# mv chef-chef-repo* chef-repo
root@intro:~# rm master
root@intro:~# cd chef-repo/
root@intro:~/chef-repo# ls
root@intro:~/chef-repo# mkdir .chef
root@intro:~/chef-repo# echo "cookbook_path [ '/root/chef-repo/cookbooks' ]" > .chef/knife.rb
```

Create a new file called solo.rb in your text editor.

```
file_cache_path "/root/chef-solo"

cookbook_path ["/root/chef-repo/cookbooks", "/remote-machine/chef-report"]
```

Now create a file called web.json.

```
{
  "run_list": [ "recipe[apt]", "recipe[phpapp]" ]
}
```

Our Chef solo Run

```
root@intro:~/chef-repo# chef-solo -c solo.rb -j web.json
```

Sample web.json Files

```
{
  "name": "web",
  "chef_type": "role",
  "json_class": "Chef::Role",
  "description": "The base role for systems that serve HTTP traffic",
  "default_attributes": {
    "app": {
      "name": "tomatoes",
      "web_dir": "/var/data/www/apps/tomatoes"
    },
    "user": {
      "name": "vagrant"
    },
    "nodejs": {
      "version": "0.10.1",
      "checksum": ""
    }
  },
  "run_list": [
    "recipe[nginx::source]",
    "recipe[tomatoes]"
  ]
}
```