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Chef-solo Windows

**Warning:** Chef Twitter (id:toruuetani)

Sphinx Mercurial / TortoiseHg BitBucket
- https://bitbucket.org/toruuetani/chef-solo-tutorial

Read the Docs
- https://readthedocs.org/projects/chefsoloonwindowstutorial/
1.1

Chef / Chef

1.1.1 Server, Client, Node

Chef Server Chef Client Node

Hint: Node Node Client

1.1.2 Cookbook, Recipe

Recipe Node Ruby Recipe Cookbook
1.1.3 Role

Node Role Node Role Role Recipe Role Recipe
name "webserver"
description "The base role for systems that serve HTTP traffic"
run_list "recipe[apache2]", "recipe[apache2::mod_ssl]", "role[monitor]"
env_run_lists "prod" => ["recipe[apache2]"], "staging" => ["recipe[apache2::staging]"], "_default" => []
default_attributes "apache2" => { "listen_ports" => [ "80", "443" ] }
override_attributes "apache2" => { "max_children" => "50" }

1.1.4 Attribute
1.1.5 Resource

```
node['apache']['dir'] = '/etc/apache2'

directory node['apache']['dir'] do
  owner 'apache'
  group 'apache'
  action :create
end
```
1.1.6 run_list

run_list Node Role Recipe
1.1.7 Chef Solo
Cookbook Node Cookbook Node JSON

```json
{
    "resolver": {
        "nameservers": [ "10.0.0.1" ],
        "search": "int.example.com"
    },
    "run_list": [ "recipe[resolver]" ]
}
```

Chef Solo

## 1.2 Chef-solo

**Hint:** 2013/03/06 Ver.11.4.0

Step2
Step 2

Step 2: Install Chef and Dependencies

This Installation Guide uses the new Windows Full Installer.

It has been tested, but as it is newly released, Hosted and Private Chef customers should contact support@opscode.com with any issues. Open Source users may interact in open source support channels, opening a Bug Report with project “CHEF”, component “Packages”, label “omnibus”, if necessary.

Install Chef

Download the Chef Full Installer for Windows and open it. Choose defaults for any options.

Once it is installed there will be no icon for it. If needed, you can confirm it was installed correctly with this command in a new command prompt window:

```
C:\> C:\opscode\chef\bin\chef-client --version
```

You should see “Chef 10.18.0” returned as the version number.

```
chef-client-11.4.0-1.windows.msi
```
Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by

I accept the terms in the License Agreement
Welcome to the Opscode Chef Client Installer for Windows v11.4.0 Setup Wizard

The Setup Wizard allows you to change the way Opscode Chef Client Installer for Windows v11.4.0 features are installed on your computer or to remove it from your computer. Click Next to continue or Cancel to exit the Setup Wizard.
Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard.
Installing Opscode Chef Client Installer for Windows v11.4.0

Please wait while the Setup Wizard installs Opscode Chef Client Installer for Windows v11.4.0.

Status: Validating install
chef-solo --version
1.3 Github for Windows

**Hint:** 2013/03/06 Ver.1.0.38.1

1. 

![GitHub for Windows screenshot](image-url)
2. Set Up Git

Set Up Git

If you've found yourself on this page, we're assuming you're brand new to Git and GitHub. This guide will walk you through the basics and explain a little bit about how everything works along the way.

Download and Install Git

At the heart of GitHub is an open source version control system (VCS) called Git*. Created by the same team that created Linux, Git is responsible for everything GitHub related that happens locally on your computer.

*If you don’t already know what Git is, take a crash course.

Download and install the latest version of Git.

3. Download GitHubSetup.exe
4. Github

5. Github

1.3. Github for Windows
6. GitHub

7. Git
8. SKIP
1.4 Chef-solo

Chef-solo chef-solo
Chef-solo

1.4.1 Chef

Chef  Git

**Hint:**  C:\chef-repo

GitHub for Windows  add
create

- chef-repo
- chef-solo repository
- C:\chef-repo(... C:\)
1.4. Chef-solo

GitHub for Windows
local
repositories

github
toruetani

Init

toruetani/ch

uncommitted changes

Init

history

no commits
1.4.2 solo.rb

Chef-solo C:\chef-repo\solo.rb file_cache_path cookbook_path

```
1 file_cache_path File.join(Dir.pwd, 'cache')
2 cookbook_path File.join(Dir.pwd, 'cookbooks')
```

Chef-solo Windows

1.4.3 Windows Resource

Windows Resource opscode recipe Cookbook

- opscode-cookbooks/chef_handler · GitHub
- opscode-cookbooks/windows · GitHub
- opscode-cookbooks/powershell · GitHub
Chapter 1.

Chef Tutorial Documentation, Release 1.0

---

```plaintext
1 cd C:\chef-repo
2 echo >> win_default.json
3 notepad.exe win_default.json

win_default.json

{
  "run_list" : [
    "recipe[windows]"
  ]
}
```

---

ZIP chef_handler windows C:\chef-repo\cookbooks

---

Cookbook / Recipe  win_default.json

---

ZIP

---

Clone in Windows ZIP

---

windows /  

1 Merge pull request #25 from sethargo-cookbooks/smarter_consts

---

ZIP chef_handler windows C:\chef-repo\cookbooks
4 } }

Chef-solo

Chef-solo

cd C:\chef-repo
chef-solo -c solo.rb -j win_default.json

Chef
Recipe
Chef

- Chef clientWindows
- chef-soloWindows
- PuppetChef - Masatomo Nakano Blog
- Chef - Masatomo Nakano Blog
- Rubyist Magazine - Chef (1)
- Rubyist Magazine - Chef (2)
- chef-solo knife-solo

Read the Docs

- ReadTheDocsSphinx - YAMAGUCHI::weblog
- Read The Docs (Sphinx) - secretherebase.log