jtimberman / **knife.rb**

Created 6 years ago • Report gist

Commented knife.rb for all the things

‹›  **knife.rb**

```
1    # Knife Configuration File.
2    #
3    # This is a Ruby DSL to set configuration parameters for Knife's
4    # general options. The default location for this file is
5    # ~/.chef/knife.rb. If multiple Chef repositories are used,
6    # per-repository configuration files can be created. A per repository
7    # configuration file must be .chef/knife.rb in the base directory of
8    # the Chef repository. For example,
9    #
10   #     ~/Development/chef-repo/.chef/knife.rb
11   #
12   # In some cases to improve clarity default values are specified,
13   # uncommented. Other example values are commented out. To obtain a
14   # plain configuration file without these comments, use grep; e.g.:
15   #
16   #    egrep "^([a-z]|^#knife)" knife.rb
17   #    grep -E "^([a-z]|^#knife)" knife.rb
18   #
19   # As this file is interpreted Ruby, you can set local variables or use
20   # Ruby's string interpolation (`#{}`). Some examples will do this.
21   #
22   # For more information on configuring Knife, see the knife(1) man
23   # page, or the Chef Configuration Settings page on the Chef wiki.
24   #
25   # * http://wiki.opscode.com/display/chef/Knife
26   # * http://wiki.opscode.com/display/chef/Chef+Configuration+Settings
27   #
28   ######################################################################
29   # In order to interact with a Chef Server, three configuration
30   # settings are *required*, and you must change them.
31   #
32   #    node_name
33   #    client_key
34   #    chef_server_url
35   #
36   # Identity to use for authenticating requests to the Chef
37   # Server. Corresponds to the -u or --user command-line option.
38   #node_name "username"
39   node_name ""
40
41   # Private key file to authenticate to the Chef Server. Corresponds to
42   # the -k or --key command-line option.
43   #client_key "#{File.dirname(__FILE__)}/username.pem"
44   client_key "/etc/chef/client.pem"
45
46   # URL of the Chef Server. Corresponses to the -s or --server-url
47   # command-line option.
48   #chef_server_url "https://api.opscode.com/organizations/ORG_SHORT_NAME"
49   chef_server_url "http://localhost:4000"
50
51   # End of required configuration for Chef Server interaction.
52   ######################################################################
53   # Name of the API client used to validate new API clients. Used with
54   # knife bootstrap.
55   #validation_client_name "ORG_SHORT_NAME-validator"
56   validation_client_name "chef-validator"
57
58   # Private key file to authenticate when validating new API
```

```
59    # clients. Used with knife bootstrap.
60    #validation_key "#{File.dirname(__FILE__)}/ORG_SHORT_NAME-validator.pem"
61    validation_key   "/etc/chef/validation.pem"
62
63    ########################################################################
64    # Location of the cookbooks directory. Typically in the Chef
65    # Repository, e.g. ${HOME}/chef-repo/cookbooks. Corresponds to
66    # the -o or --cookbook-path command-line option. Used with 'knife
67    # cookbook upload' and 'knife cookbook create'.
68    #
69    # Modification is not required but strongly recommended.
70    #cookbook_path [ "#{File.dirname(__FILE__)}/../cookbooks" ]
71    cookbook_path [ "/var/chef/cookbooks" ]
72
73    # Options used by 'knife cookbook create'.
74    #
75    # Specify the copyright holder listed as the maintainer in the
76    # cookbook metadata and the copyright in comments of the generated
77    # default recipe.
78    #cookbook_copyright "Example, Com."
79    cookbook_copyright "YOUR_COMPANY_NAME"
80
81    # Specify the email of the cookbook maintainer used in the cookbook
82    # metadata.
83    #cookbook_email "you@example.com"
84    cookbook_email "YOUR_EMAIL"
85
86    # Specify the license that the cookbook is distributed under. Valid
87    # values are:
88    #
89    #    "none" - all rights reserved, do not redistribute.
90    #    "apachev2" - Apache Software License version 2.0.
91    #    "gplv2" - GNU General Public License version 2.
92    #    "gplv3" - GNU General Public License version 3.
93    #    "mit" - The MIT License.
94    #
95    cookbook_license "none"
96
97    # Checksum caching options, used to configure 'moneta'.
98    #
99    # Knife caches the checksum of Ruby and ERB files when performing a cookbook syntax
100   # check with 'knife cookbook test' or 'knife cookbook upload'.
101   #
102   # The type of cache to use. You probably won't need to change this.
103   cache_type 'BasicFile'
104
105   # Hash of options used for caching. For BasicFile, :path should be a
106   # location where user running knife has write access.
107   #cache_options({ :path => "#{ENV['HOME']}/.chef/checksums" })
108   cache_options({ :path => "/var/chef/cache/checksums", :skip_expires => true })
109
110   ########################################################################
111   # Knife specific configuration options. These are used by Core knife
112   # commands and Opscode's Knife Plugin Gems and correspond to options
113   # passed to the command. The default value is specified, modify and
114   # uncomment as required. Gem sections are ordered by name, below.
115   #
116   # Some configuration options overlap with different knife plugins. The
117   # option specified will be used as the default for all
118   # plugins. However, the command-line options will override the setting
119   # specified in this file.
120
121   # Core: knife ssh
122   #
123   #knife[:ssh_port] = 22
124
125   # Core: knife bootstrap
126   #
```

```
127    # Default bootstrap template by distribution name. This is
128    # also used in knife gems for bootstrapping cloud instances.
129    #knife[:distro] = "ubuntu10.04-gems"
130
131    # Default bootstrap template by full pathname to the template file.
132    # knife[:template_file] = ""
133
134    # Version of Chef to install during bootstrap.
135    #knife[:bootstrap_version] = ""
136
137    # HTTP proxy to use during bootstrap.
138    #knife[:bootstrap_proxy] = ""
139
140    #####################################################################
141    # Gem: knife-ec2
142    #
143    # Authentication credentials for the AWS API. Specify the access key
144    # ID and secret access key.
145    #knife[:aws_access_key_id]     = ""
146    #knife[:aws_secret_access_key] = ""
147
148    # Default flavor of server (m1.small, c1.medium, etc).
149    #knife[:flavor] = "m1.small"
150
151    # Default AMI identifier, e.g. ami-12345678
152    #knife[:image] = ""
153
154    # AWS Region
155    #knife[:region] = "us-east-1"
156
157    # AWS Availability Zone. Must be in the same Region.
158    #knife[:availability_zone] = "us-east-1b"
159
160    # A file with EC2 User Data to provision the instance.
161    #knife[:aws_user_data] = ""
162
163    # AWS SSH Keypair.
164    #knife[:aws_ssh_key_id] = ""
165
166    #####################################################################
167    # Gem: knife-eucalyptus
168    #
169    # URL to the Eucalyptus API endpoint.
170    #knife[:euca_api_endpoint] = "http://ecc.eucalyptus.com:8773/services/Eucalyptus"
171
172    # Authentication credentials for the API. Specify the access key
173    # ID and secret access key.
174    #knife[:euca_access_key_id]     = ""
175    #knife[:euca_secret_access_key] = ""
176
177    # Default flavor of server (m1.small, c1.medium, etc). Obtain a list
178    # with:
179    #    knife euca flavor list
180    #knife[:flavor] = "m1.small"
181
182    # Default AMI identifier, e.g. ami-12345678. Obtain a list with:
183    #    knife euca image list
184    #knife[:image] = ""
185
186    # Eucalyptus region
187    #knife[:region] = ""
188
189    # Eucalyptus Availability Zone. Must be in the same Region.
190    #knife[:availability_zone] = ""
191
192    # Eucalyptus SSH Keypair.
193    #knife[:euca_ssh_key_id] = ""
194
```

```
195    ########################################################################
196    # Gem: knife-linode
197    #
198    # Linode API key.
199    #knife[:linode_api_key] = ""
200
201    # The flavor of server to create by default. Obtain a list with:
202    #    knife linode flavor list
203    #knife[:linode_flavor] = 1
204
205    # The Linode image to use. Obtain a list with:
206    #    knife linode image list
207    #knife[:linode_image] = 83
208
209    # The Linode kernel to use. Obtain a list with:
210    #    knife linode kernel list
211    #knife[:linode_kernel] = 133
212
213    # The Linode data center to use. Obtain a list with:
214    #    knife linode datacenter list
215
216    #knife[:linode_datacenter] = 3
217
218    # The default password to use when connecting via SSH.
219    #knife[:linode_ssh_password] = "BarbaZ"
220
221    ########################################################################
222    # Gem: knife-openstack
223    #
224    # URL for the OpenStack API.
225    #knife[:openstack_api_endpoint] = ""
226
227    # Authentication credentials for the API. Specify the access key
228    # ID and secret access key.
229    #knife[:openstack_access_key_id]     = ""
230    #knife[:openstack_secret_access_key] = ""
231
232    # Default flavor of server (m1.small, c1.medium, etc). Obtain a list
233    # with:
234    #    knife openstack flavor list
235    #knife[:flavor] = "m1.small"
236
237    # Default AMI identifier, e.g. ami-12345678. Obtain a list with:
238    #    knife openstack image list
239    #knife[:image] = ""
240
241    # OpenStack region
242    #knife[:region] = ""
243
244    # OpenStack Availability Zone. Must be in the same Region.
245    #knife[:availability_zone] = ""
246
247    # OpenStack SSH Keypair
248    #knife[:openstack_ssh_key_id] = ""
249
250    ########################################################################
251    # Gem: knife-rackspace
252    #
253    # URL for the Rackspace authentication API.
254    #knife[:rackspace_api_auth_url] = "auth.api.rackspacecloud.com"
255
256    # Authentication credentials for the API. Specify the API key and the
257    # username.
258    #knife[:rackspace_api_key]      = ""
259    #knife[:rackspace_api_username] = ""
260
261    # JSON string of metadata hash supplied to the newly created server.
262    #knife[:rackspace_metadata] = ""
```

```
263
264    # Default flavor to use. Obtain a list with:
265    #    knife rackspace flavor list
266    #knife[:flavor] = 2
267
268    # Default image to use. Obtain a list with:
269    #    knife rackspace image list
270    #knife[:image] = ""
271
272    #  region
273    #knife[:region] = ""
274
275    ########################################################################
276    # Gem: knife-terremark
277    #
278    # Authentication credentials. Specify the Terremark service, username
279    # and password.
280    #knife[:terremark_service]  = ""
281    #knife[:terremark_username] = ""
282    #knife[:terremark_password] = ""
283
284    ########################################################################
285    # Gem: knife-windows
286    #
287    # User and password to authenticate to WinRM.
288    #knife[:winrm_user] = "Administrator"
289    #knife[:winrm_password] = ""
290
291    # WinRM port.
292    #knife[:winrm_port] = "5985"
293
294    # The WinRM transport type. 'ssl' or 'plaintext'.
295    #knife[:winrm_transport] = "plaintext"
296
297    # The Certificate Authority (CA) trust file used for 'ssl' transport.
298    #knife[:ca_trust_file]      = ""
299
300    # Authentication using Kerberos. Set the keytab, realm and service.
301    #knife[:kerberos_keytab_file] = ""
302    #knife[:kerberos_realm]      = ""
303    #knife[:kerberos_service]    = ""
304
305    # End of general configuration settings, knife core and gem
306    # configuration.
307    ########################################################################
308    # Uncomment the following to support "conf.d" style configuration
309    # inclusion. Create the "conf.d" directory in the same location as
310    # this knife.rb, and add configuration files with the .rb file
311    # extension. The last filename in the glob wins, so be careful about
312    # overriding settings from above.
313    #confd = File.join(File.dirname(__FILE__), "conf.d", "*.rb")
314    #Dir.glob(confd).each {|file| Chef::Config.from_file(file)}
```

**jeffbyrnes** commented on May 1, 2013
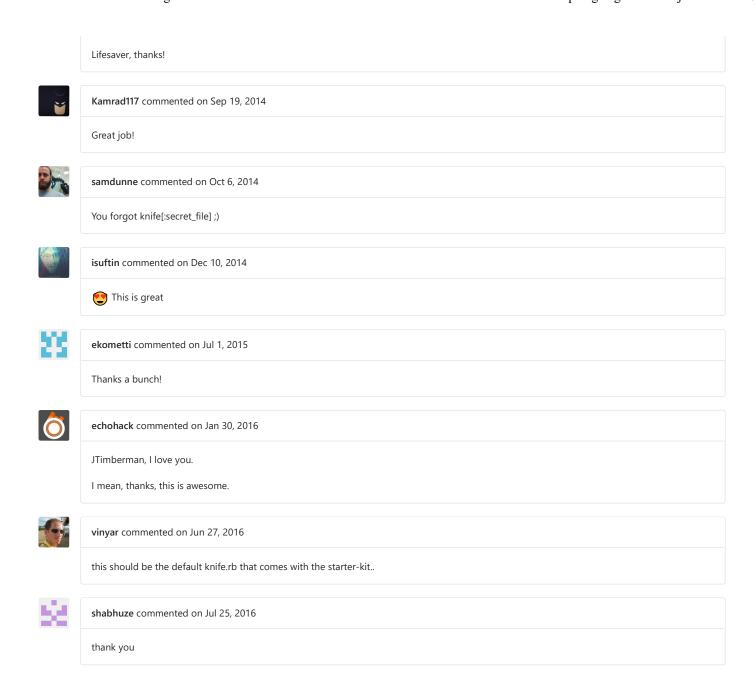
Super helpful, thanks so much for this.

**packeteer** commented on Oct 31, 2013

thanks for this, very helpful

**ku6pk** commented on Dec 1, 2013

Lifesaver, thanks!

**Kamrad117** commented on Sep 19, 2014

Great job!

**samdunne** commented on Oct 6, 2014

You forgot knife[:secret_file] ;)

**isuftin** commented on Dec 10, 2014

😍 This is great

**ekometti** commented on Jul 1, 2015

Thanks a bunch!

**echohack** commented on Jan 30, 2016

JTimberman, I love you.

I mean, thanks, this is awesome.

**vinyar** commented on Jun 27, 2016

this should be the default knife.rb that comes with the starter-kit..

**shabhuze** commented on Jul 25, 2016

thank you