**DATA BAGS**

**Introduction:**

A data bag is a global variable that is stored as JSON data and is accessible from a Chef server.

**A data bag can be created in two ways:**

* using knife
* manually

**NOTE**: In general, using knife to create data bags is recommended, but as long as the data bag folders and data bag item JSON files are created correctly, either method is safe and effective

1. **Using knife**

knife data bag create <DATA\_BAG\_NAME>

knife data bag create <DATA\_BAG\_NAME> <ITEM\_NAME>

**NOTE:** You may receive the following error if you do not have an EDITOR environment variable set.

**ERROR: RuntimeError: Please set EDITOR environment variable**

**SOLUTION**: you can resolve this quickly with the --editor option. e.g. --editor vi or --editor nano etc.

knife data bag create <DATA\_BAG\_NAME> <ITEM\_NAME> --edito vim

OR

You can do following entry in "chef-repo\.chef\knife.rb" file

knife[:editor]="/usr/bin/vim"

1. **Manually**

knife data bag from file BAG\_NAME ITEM\_NAME.json

**To edit data bag contents using command line:**

knife data bag edit <DATA\_BAG\_NAME> <ITEM\_NAME>

**For Coding how can use databag items in your cookbook please follow below link:**

http://gettingstartedwithchef.com/more-than-one-website.html