**RECIPES:**

>> we will write cookbooks in workstation and we will upload that into chef-server after we will add that cookbook into clients-server in runlist.

**How to add cookbook into client-server:**

once we upload cookbook into chef-server after we have to login into chef-server and directly we will add in runlist or we can add from workstation only for that we have to hit two commands.

**HOW TO CREATE RECIPES:**

**HOW TO WRITE RUBY SCRIPT:**

by using ruby script we will write recipes,

**Recipe:** group of task is called recipe

>>Now i am creating one sample file, extension should be .rb because we are writing the file in ruby script so

**$touch file.rb or $vi file.rb**

**Now how to write recipes here ,**

**SYNTAX :**

vi file.rb

type "name" do -----------( here type is ntng but file or directory or user or service )

action :type ------------( sction we can give like create or delete )

end

>>By default action will take create option it is an optional not mandatory

**EXAMPLE :**

**Now i am creating one file the script is ,**

vi file.rb

file "sample" do

action :create

end

>>if we want to create file inside the /opt/var/loca/ path the syntax is .

file "/opt/var/local/filename/" do

action :create

end

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Now i want to delete that file ,

vi file.rb

file "sample" do

action :delete

end

**HOW TO EXECUTE RUBY FILE :**

>>How to execute ruby file in internally the command is , chef-apply filename

**$chef-apply file.rb**

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**>>to create only files in that time you have to use file "filename"**

**example :**

**vi file.rb**

file "smple"

file "devops"

file "linux"

$chef-apply file.rb

>>Now three files will be created

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Now something data i want to add in a file so the script is

$vi file.rb

file "sample" do

action :create

content "hello devops files"

end

file "devops" do

action :create

content "welcome to devops"

end

file "linux" do

action :delete

end

$chef-apply file.rb

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{ in the above script action is a optional not a mandatory

to add content in a file we are using content

to create files we have to use file

to create directories we have to directory }

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**HOW TO CREATE DIRECTORY BY USING RUBY SCRIPT :**

$vi file.rb

directory "devops"

( OR )

directory "devops" do

action :create

end

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**HOW TO CREATE PACKAGES:**

to create package

$vi file.rb

package "packagename" do

action :deploy or anything what is doing like remove or install or extract or update

end

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IF SERVICE ,

$vi file.rb

service "servicename" do

action :anything what is doing like remove or install or extract or update

end

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if your creating user ,

user "username" do

action :

end

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