1. Create a data directory under db directory if not already existing

2. Create a google spreadsheet and note down all your data with Ids also

ex:

**Id Name Description Category Is Deprecated**

1 Ruby Backend programmer Programming

2 Java Backend programmer Programming

3 CSS UI Programmer who beautifies web apps Programming

4 Javascript UI Programmer who brings interactivity Programming

3. Import the google spreadsheet into a text format (tsv) and save it as skills.tsv in the db/data directory

4. Create a migration

$ rails g migration skills name description category is\_deprecated:boolean

5. Create a new rake file in lib/tasks/data.rake and write a rake task similar to the following

require 'pp'

namespace :data do

desc 'Import skills from db/data/skills.csv to skills database table'

task :import\_skills => :environment do

rows = File.new("#{Rails.root}/db/data/skills.tsv", "r:UTF-8").readlines

rows.delete\_at(0)

Skill.transaction do

rows.each do |row|

id, name, description, category, is\_deprecated = row.split("\t")

h = {

:id => id,

:name => name,

:description => description,

:category => category.strip,

:is\_deprecated => is\_deprecated.to\_s.strip.to\_i,

}

pp h

Skill.create!(h)

end

end

end

end

6. Import the data by running the rake task

$ rake data:import\_skills

7. Run this task automatically after running rake db:test:prepare, by making a test.rake file in lib/tasks and content like

def alias\_task(name, old\_name)

t = Rake::Task[old\_name]

desc t.full\_comment if t.full\_comment

task name, \*t.arg\_names do |\_, args|

# values\_at is broken on Rake::TaskArguments

args = t.arg\_names.map { |a| args[a] }

t.invoke(args)

end

end

namespace :db do

namespace :test do

alias\_task('old\_prepare', 'prepare')

desc "Customized task to load skills after preparing database"

task :prepare do

Rake::Task['db:test:old\_prepare'].invoke

Rake::Task['data:import\_skills'].invoke

end

end

end