Install Redmine

- Create database and a database user
- The next step navigate cPanel interface in the `Setup Ruby App` menu, and select the Ruby version (2.1), and setup the application folder, and type the app URI. **The URI can't contain any special chatacters example ("/" "." "," etc,)**. When you fill all datas, please click the **Setup** button.
- Then install the neccessary Ruby on Rails application modules. In the modules row click the **show** label. It may get informed about the full module list in the system requirements of an application. The setup may take up longer shorter time (in Redmine case this his testing 07:48.96 were minutes)
Installing the following Redmine modules:
    - bundle
    - i18n#0.6.11
    - builder#3.0.4
    - rails#3.2.19
    - mime-types#1.25.1
    - mocha#1.0.0
    - jquery-rails#3.1.2
    - coderay
    - fastercsv
    - request_store
    - rbpdf
    - mysql2
    - selenium-webdriver
    - rmagick
    - shoulda#3.3.2
    - ruby-openid#2.3.0
    - request_store#1.0.5
    - capybara#2.1.0
    - net-ldap#0.3.1
    - rack-openid
    - shoulda-matchers#1.4.1
    - redcarpet#2.3.0
    - yard
    - rake#10.4.2
    - bigdecimal

- Type the module name and click the **Add** button. If we add all neccessary mudules click the **Update** button in the top of the page Then the installer compile and installing the modules, please wait to be patient, if the proccess complete we get a following message: `Extensions set successfully updated` .
- click the **Restart** button.

- Then download the Redmine package in SSH:

```
wget url http://www.redmine.org/releases/redmine-x.x.x.tar.gz
```

- Then extract it:

```
tar xzf redmine-x.x.x.tar.gz
```

- In the next step copy the content ind the earlier created folder

```
cp -R ~/redmine-x.x.x/* ~/redmine
```

- Copy or rename the database.yml, and fill up the mySQL connectios details, then save it.

```
cp ~/redmine/config/database.yml.example ~/redmine/config/database.yml
```

```
nano ~/redmine/config/database.yml
```

- The copy the public folder in to the /public_html/redmine/ folder.

```
cp -R ~/redmine/public/* ~/public_html/redmine/
```

- Enter the Redmine folder.

```
cd ~/public_html/redmine
```

- Rename the htaccess.fcgi.example, and dispatch.fcgi.example files.

```
cat htaccess.fcgi.example >> .htaccess
```

```
cp dispatch.fcgi.example dispatch.fcgi
```

- Then go back to the extract the Redmine

```
cd ~/redmine
```

- Add the next line in `Gemfile` file:

```
gem "bigdecimal"
```

- Run the following command:
  Activate:

```
source ~/rubyvenv/redmine/2.1/bin/activate
```

Install:

```
~/rubyvenv/redmine/2.1/bin/bundle install
```

Generating the Secret key:

```
~/rubyvenv/redmine/2.1/bin/rake generate_secret_token
```

Load the database:

```
RAILS_ENV=production ~/rubyvenv/redmine/2.1/bin/rake db:migrate
```

Install the sample data:

```
RAILS_ENV=production ~/rubyvenv/redmine/2.1/bin/rake redmine:load_default_data
```

- The final step restart the application in cPanel.

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