

## Setting up Capistrano with LxAdmin and Lighttpd

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The following is a simple example of using Capistrano with RailsPlayground using the svn repository on yourdomain.svnrepository.com.

- We assume that the SVN repository is created using the svn control panel on domain.svnrepository.com.
- Also make sure you have setup your rails application in LxAdmin as described [here](#).
- On Windows you will need SVN installed.
- You can download it at: <http://subversion.apache.org/packages.html> for your OS.

1. First you will need to create the initial directory structure in your SVN repository. This can be done using svn from your local machine:

```
svn mkdir http://domainname.svnrepository.com/svn/application/trunk  
svn mkdir http://domainname.svnrepository.com/svn/application/branches  
svn mkdir http://domainname.svnrepository.com/svn/application/tags
```

2. Import a Rails application from your local application into the repository.

```
svn import local_application_path http://domainname.svnrepository.com/svn/applicationname/trunk
```

3. Install capistrano on your local machine

```
gem install capistrano  
capify /full/path/to/railsapp
```

- This will create a deploy.rb in the /config directory of your local rails application. - The contents of the file should look like this. The application variable should be the same name you gave the application in LxAdmin.

```
set :user, 'root'  
set :scm_username, "svnusername"  
set :scm_password, "svnpassword"  
set :server, 'ipofyourvps'  
set :domain_name, 'domainname.com'  
set :application, 'application'  
set :repository, "http://yourdomain.svnrepository.com/svn/#{application}/trunk"  
role :web, server  
role :app, server
```

```
role :db,Â server, :primary => true
set :use_sudo, false

set :deploy_to, "/home/admin/ror/#{domain_name}/#{application}-cap"

task :restart_web_server, :roles => :app do
  Â begin
  Â Â Â run "killall -9 dispatch.fcgi"
  Â rescue Exception => error
  Â Â Â puts "No dispatchers were running so there was nothing to kill"
  Â end
  Â run "/etc/init.d/lighttpd restart /dev/null 2>&1 "
end

task :after_update_code, :roles => [:web, :db, :app] do
  Â run "chmod 755 #{release_path}/public/dispatch.fcgi"
  Â run "chown admin:admin #{release_path} -R"
  Â run "chown admin:admin #{deploy_to}/shared -R"
  Â run "rm -rf /home/admin/ror/#{domain_name}/#{application}"
  Â run "ln -s #{release_path} /home/admin/ror/#{domain_name}/#{application}"
  Â run "(echo '0a'; echo \"ENV['RAILS_ENV'] ||= 'production'\"; echo '.'; echo 'wq') | ed -s
  #{release_path}/config/environment.rb"
end

after "deploy:start", :restart_web_server
after "deploy:restart", :restart_web_server
```

4. Run the following command locally to setup capistrano on the railsplayground server.

```
cap deploy:setup
```

5. Now you can deploy your app by using the following command

```
cap deploy
```

**\*Common Problems\*** - Only in the case of Fastcgi. Make sure your dispatch.cgi/dispatch.fcgi file has the correct shebang line. It should look like this:

```
#!/usr/local/bin/ruby
```

- Before deploying please make sure to edit database.yml to point to the correct database.

Feel free to contact us at [support@railsplayground.com](mailto:support@railsplayground.com) if you come across any issues with the same.

