

[DocV1.Registergroovyscriptstoactaslistenerobjects](#)

Register groovy scripts to act as listener objects

Groovy is a very convenient scripting language that we have integrated in many places in eXo Platform.

One of the most interesting use is that we can register any groovy object inside the eXo Platform service container. That is therefore very useful to register Event Listener objects written in groovy inside the container.

You could for example register a `NewUserEventListener` object written in groovy that would simply send a mail notification when a new user is added (we provide many notification hooks in eXo Platform). As it is a groovy object a simple modification in the source code, without the need of a new build, will be automatically taken into account. You could that way for example simply change the admin mail address...

As any objects you can register the groovy one from the `configuration.xml` file:

```
<service-configuration
type="org/exoplatform/services/organization/GroovyNewUserEventListener.groovy"/>
```

All the groovy files must be located under the `$YOUR_PORTAL/WEB-INF/groovy` though.

Here is the code of that `GroovyNewUserEventListener.groovy`

```
public class GroovyNewUserEventListener extends UserEventListener
implements Startable { public
GroovyNewUserEventListener(OrganizationService orgService) {
orgService.addUserEventListener(this) ; } public void start() { } public
void stop() { } public void preSave(User user, boolean isNew, XResources
xresources) { //println "call pre save user: " + user.userName ; }
public void postSave(User user, boolean isNew, XResources xresources) {
//println "call post save user: " + user.userName ; } public void
preDelete(User user, XResources xresources) { //println "call pre delete
user: " + user.userName ; } public void postDelete(User user, XResources
xresources) { //println "call post delete user: " + user.userName ; } }
```

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