

## [Globalconfiguration.xmlfilesettings](#)

### **Global configuration.xml file settings**

In that page we will review some of the configuration.xml setting that are usefull but not important enough to be explained in their own page.

- Adding some information in the eXo Platform portal page headers.

It is possible to register an implementation of the PortalProviderRenderer to add some information in the portal page header such as the page title, some global javascript, some meta data...

```
public interface PortalProviderRenderer { public void
renderTitle(ResponseWriter w, ResourceBundle res) throws IOException ;
public void renderMeta(ResponseWriter w, ResourceBundle res) throws
IOException ; public void renderLink(ResponseWriter w, ResourceBundle
res) throws IOException ; public void renderScript(ResponseWriter w,
ResourceBundle res) throws IOException ; }
```

Here is the XML fraagment inside the configuration.xml file:

```
<!-- PortalProviderRenderer allow the third party customize some html
element of the portal such title , meta, link , script.... You need to
write your own renderer provider that implement the interface
org.exoplatform.portal.html.PortalProviderRenderer -->
<service-configuration
key="org.exoplatform.portal.html.PortalProviderRenderer"
type="org.exoplatform.portal.faces.renderer.html.portal.ExoPortalProviderRenderer"/>
```

- The mail service configuration

eXo Platform has a service to send mails. You can override the smtp address in the configuration.xml file

```
<service-configuration
type="org.exoplatform.services.communication.message.impl.MailServiceImpl">
<value-param> <name>outgoing.mail.server</name>
<value>smtp1.sympatico.ca</value> </value-param>
</service-configuration>
```

- The Indexing service configuration

You can override the location of the lucene index database inside the configuration.xml

```
<service-configuration
type="org.exoplatform.services.indexing.impl.IndexingServiceImpl">
<value-param> <name>index.database.dir</name>
<value>c:/temp/indexdb</value> </value-param> </service-configuration>
```

- The JSF components ID generator

The ID generator for the new component such UIPortlet , UIPage , UIContainer. Use "uuid" for your production portal as the generator will generate a unique id for each new component based on the time , ip address of the server and a random number. Use "exo" to generate some predictable ID based on the portlet name , page name and container name. It is useful to have some predictable id for the exo web unit test. The "exo" algorithm will return the portlet name , page name and container as the id if there is no component use that id in the UIPortal yet, otherwise it returns a uuid id for the new component.

```
<service-configuration
type="org.exoplatform.portal.faces.component.PortalComponentIDGenerator">
<value-param> <name>algorithm</name> <value>exo</value> </value-param>
</service-configuration>
```

- JSF cache options

The next manager manages the UIComponent action listener, set cache.action.listener to true if you want to use a single action listener instance for all the user. The cache.action.listener value should be set to true in the production use.

```
<service-configuration
type="org.exoplatform.faces.ActionListenerManager"> <value-param>
<name>cache.action.listener</name> <value>true</value> </value-param>
</service-configuration>
```

The next manager manages the UIComponent validator, set cache.validator to true if you want to use a single validator instance for all the user. The cache.validator value should be set to true in the production use.

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```
<service-configuration type="org.exoplatform.faces.ValidatorManager">  
<value-param> <name>cache.validator</name> <value>>false</value>  
</value-param> </service-configuration>
```

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Cr ateur: XWiki.benjamin.mestrallet Creation Date: 2005/02/11 00:22

Dernier Auteur: XWiki.benjamin.mestrallet Last Modification Date: 2005/02/15 22:52

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