

[DocV1.Setuporaddanewlanguagesupport](#)

Set up or add a new language support

Adding a new language support is quite easy, you will basically just need to fill an XML file, add a flag icon and fill (many) properties with the extension "_lo.properties" where lo is your new locale.

- Add all the properties file
 1. You will need to go through all the portlets and under the directory \$PORTLET/WEB-INF/classes/locale/ you will have to add your new property (take the one with no extension as default, copy it and adapt it for your language).
 2. Inside your portal, you will also need to go to the \$YOUR_PORTAL/WEB-INF/classes/locale/ dir and add your locale property file. Inside the \$YOUR_PORTAL/WEB-INF/classes/locale/users you will find the properties file used to resolve the navigation tree node labels.
- let's add the flag icon:

We usually put all the flag icons in the /skin/images/flags folder of the exoplatform.web.skin project as this skin war is shared among all the portal instances.

That icon will by default be used in the bookmark portlet to allow you to swap the locale real time.

In your main portal.properties file (under \$YOUR_PORTAL/WEB-INF/classes/locale/portal) you will have to add the flag image reference as shown just after:

```
global.image.it=/skin/images/flags/it.gif
```

- The locales-config XML file

The locales-config file is located under your portal WEB-INF/conf directory and contains each supported locale information such as the encoding used.

```
<locales-config> <!-- Check
http://www.ics.uci.edu/pub/ietf/http/related/iso639.txt for locale code
The encoding parameter will be used for the request response stream. The
input-encoding parameter will be used for request
setCharacterEncoding(..) --> <locale-config> <locale>en</locale> <!--
<output-encoding>ISO-8859-1</output-encoding>
<input-encoding>ISO-8859-1</input-encoding> -->
<output-encoding>UTF-8</output-encoding>
<input-encoding>UTF-8</input-encoding> <description>Default
configuration for english locale</description> </locale-config>
<locale-config> <locale>fr</locale>
<output-encoding>UTF-8</output-encoding>
<input-encoding>UTF-8</input-encoding> <description>Default
configuration for the french locale</description> </locale-config>
<locale-config> <locale>zh</locale>
<output-encoding>UTF-8</output-encoding>
<input-encoding>UTF-8</input-encoding> <description>Default
configuration for the zh locale</description> </locale-config>
</locales-config>
```

Note that as everything the locales-config.xml path location can be changed by modifying the corresponding entry in the configuration.xml filr under your WEB-INF/conf portal directory as show in the next XML fragment:

```
<!--
=====
--> <!-- L O C A L E C O N F I G M A N A G E R S E R V I C E --> <!--
=====
--> <!-- Edit the locales-config.xml file for your input encoding and
output encoding --> <service-configuration
type="org.exoplatform.services.resources.impl.LocaleConfigServiceImpl">
<value-param> <name>locale.config.file</name>
<value>war:/conf/locales-config.xml</value> </value-param>
</service-configuration>
```

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