Forms Editor

0.1 Documentation

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1. XUpdate

The Forms Editor is using the XUpdate specification (http://xmldb.org/xupdate/xupdate-wd.html) from the xmldb group to update elements and attributes. You can test-drive the XUpdate engine in Lenya by doing the following:

```
java -classpath
lib/xmldb-common-2003-09-02.jar:lib/xmldb-xupdate-2003-09-02.jar:lib/log4j-1.2.8.jar:build/lenya/webap
org.xmldb.xupdate.lexus.XUpdateQueryImpl xupdate.xml entry.xml
```

2. Customization

Customization of the Forms Editor is done with stylesheets. You need to have one stylesheet for each doctype. The stylesheet goes into lenya/xslt/formeditor/mydoctype.xsl. A simple stylesheet may look like

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:import href="../../../../xslt/authoring/edit/form.xsl"/>
<xsl:template match="sidebar">
<xsl:apply-templates select="block"/>
 <node name="Add Block">
   <action><insert name="&lt;xupdate:append select=&quot;/sidebar&quot;&qt;&lt;xupdate:element</pre>
name="block"><title&gt;New title&lt;/title&gt;&lt;content&gt;New
content</content&gt;&lt;/xupdate:element&gt;&lt;/xupdate:append&gt;"/></action>
 </node>
</xsl:template>
<xsl:template match="block">
 <node name="Add Block">
   <action><insert name="&lt;xupdate:insert-before
select="/sidebar/block[@tagID='{@tagID}']"><xupdate:element
name="block"><title&gt;New title&lt;/title&gt;&lt;content&gt;New
content</content&gt;&lt;/xupdate:element&gt;&lt;/xupdate:insert-before&gt;"/></action>
 </node>
 <node name="Delete Block">
   <action><delete name="&lt;xupdate:remove"
select="/sidebar/block[@tagID='{@tagID}']"/>"/></action>
 <node name="Title" select="/sidebar/block/title[@tagID='{title/@tagID}']">
   <content type="plain"><input type="text" name="&lt;xupdate:update</pre>
select="/sidebar/block/title[@tagID='{title/@tagID}']">" size="40"><xsl:attribute
name="value"><xsl:value-of select="title"/></xsl:attribute></input></content>
 </node>
 <node name="Content" select="/sidebar/block/content[@tagID='{content/@tagID}']">
   <content type="mixed">
     <textarea name="&lt;xupdate:update</pre>
select="/sidebar/block/content[@tagID='{content/@tagID}']">" cols="40" rows="3">
       <xsl:copy-of select="content/node()"/>
     </textarea>
   </content>
</node>
</xsl:template>
</xsl:stylesheet>
```

3. Editing attributes

Forms Editor

To add editing of attributes, you need to change the XPath and XUpdate statements to select the attribute: