Creating a Resource Type, Part 2: Creating Documents

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1 Adding the Menu

Now we'll add the menu for our module. The first item we need will trigger the usecase to create new person documents. We have to add a sitemap which serves as an entry point for the menu (`$MODULE_HOME/menus.xmap`):

```
<?xml version="1.0"?>
<map:sitemap xmlns:map="http://apache.org/cocoon/sitemap/1.0">
  <map:pipelines>
    <map:pipeline>
      <map:match pattern="**">
        <map:generate type="serverpages"
          src="fallback://lenya/modules/person/config/menu.xsp"/>
        <map:serialize type="xml"/>
      </map:match>
    </map:pipeline>
  </map:pipelines>
</map:sitemap>
```

According to this sitemap, the menu XSP is located at `$MODULE_HOME/config/menu.xsp`. Note that we're using the i18n message for the resource type label which we added in the previous section:

```
<?xml version="1.0"?>
<xsp:page
    language="java"
    xmlns:xsp="http://apache.org/xsp"
    xmlns:i18n="http://apache.org/cocoon/i18n/2.1"
    xmlns:uc="http://apache.org/cocoon/lenya/usecase/1.0"
    xmlns="http://apache.org/cocoon/lenya/menubar/1.0">
  <menu>
    <menus>
      <menu i18n:attr="name" name="File">
        <block areas="site authoring">
          <item uc:usecase="sitemanagement.create" href="?doctype=person">
            <i18n:translate>
              <i18n:text>New ... Document</i18n:text>
              <i18n:param><i18n:text>resourceType-person</i18n:text></i18n:param>
            </i18n:translate>
          </item>
        </block>
      </menu>
    </menus>
  </menu>
</xsp:page>
```

The menu contains an item which triggers the `sitemanagement.create` usecase with the `doctype=person` parameter.

2 Providing the Sample

To create a document, the `sitemanagement.create` usecase needs a sample XML. We've already specified the sample location in our resource type declaration (see above). Now we have to add the corresponding FoaF person file (`$MODULE_HOME/samples/foaf.xml`):

```
<?xml version="1.0" encoding="UTF-8"?>
<rdf:RDF
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:foaf="http://xmlns.com/foaf/0.1/">
  <foaf:Person rdf:ID="me">
    <foaf:title>Mr</foaf:title>
    <foaf:givenname>Homer</foaf:givenname>
```

```
    <foaf:family_name>Simpson</foaf:family_name>
    <foaf:mbox rdf:resource="mailto:chunkylover53@aol.com"/>
    <foaf:phone rdf:resource="tel:555-555-555"/>
    <foaf:workplaceHomepage rdf:resource="http://powerplantspringfield.com"/>
  </foaf:Person>
</rdf:RDF>
```

In the next section (../../../../docs/2_0_x/tutorials/resourcetype/part3.html) we'll render our newly created document as an XHTML web page.