Usecases

Version 0.2

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Description of the usecase concept and the existing usecases.

1. Introduction

Usecases are sequences of pages that are orthogonal to the website, i.e. they can be executed without leaving the current URI. They are mainly used to execute CMS functions, e.g., to publish a page. Usecases are specified by

- a **name** and
- a set of **steps**.

A usecase is executed using the request parameters `lenya.usecase` and `lenya.step`.

2. Matching Usecases

To match a usecase in a sitemap, the `WildcardRequestParameterMatcher` is used on the `lenya.usecase` and `lenya.step` request parameters. The predefined matchers have the types `usecase` and `step`. A simple example of a usecase pipeline would be:

```
<map:match type="usecase" pattern="publish">

  <!-- confirmation screen -->
  <map:match type="step" pattern="showscreen">
    <map:generate type="serverpages"
        src="content/publishing/publish-screen-usecase.xsp"/>
    <map:transform src="xslt/publishing/screen.xsl"/>
    <map:serialize/>
  </map:match>

  <!-- call publish task -->
  <map:match type="step" pattern="publish">
    <map:act type="task">
      <map:parameter name="publication-id" value="{../../1}"/>
```

```
        <map:parameter name="task-id" value="{request-param:task-id}"/>
        <map:redirect-to uri="{request:requestURI}" session="true"/>
      </map:act>
    </map:match>

</map:match>
```

3. The Usecase Sitemap

The main usecase sitemap supports a set of generic usecases. It is located at `lenya/usecase.xmap`. To implement your publication-specific usecases or to override a generic usecase, just add a `usecase.xmap` sitemap to your publication directory. The Lenya usecase sitemap looks for it and mounts it before the generic usecases are matched.

4. Overview of use cases

The following use cases are known:

Use case	`lenya.usecase=`	`lenya.step=`	Comment
Publish	publish	showscreen	Confirm the publication of this document
		publish	Publish this document
Create	create	showscreen	Show a form allowing to specify the parameters for creation of a document
		create	Create the document
Resource upload	upload	showscreen	Show a form allowing to specify the parameters for uploading of a resource
		upload	Upload the resource
Rollback	rollback	showscreen	Show a list of all versions of this document
		view	View a particular version of this document
		rollback	Roll back to a

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			particular version of this document
Checkin	checkin	showscreen	Confirm the checkin of this document
		checkin	
Checkout	checkout	showscreen	Confirm the checkout of this document
		checkout	
Schedule	schedule	showscreen	Show a list of all task scheduled for this document
		add	Add a new task
		modify	Modify an existing task
		delete	Delete an existing task
Edit			
User Admin	user-admin	showscreen	Show an overview page listing all users
		add	Add a user
		modify	Modify a user
		delete	Delete a user
Logout	logout	showscreen	Confirm the logout
View Logs	view-logs	overview	Show the logfile list for this publication
		log	Show a single logfile

FIXME (ce):
Can the authenticate process done in a similar way?

5. Use cases

5.1. Resource upload

`lenya.usecase=upload`

`lenya.step=`	additional parameters	sample value
showscreen	xpath	/NewsML/body.content/block[1]/*[1]
	insertBefore [optional]	true
upload	documentid	
	xpath	
	insertBefore [optional]	
	uploadFile	
	identifier [optional]	
	All Dublin core identifiers are also accepted	

FIXME (ce):

We assume that we can get the documentid from the request URI (given the standardized URI definition). Is this ok?

5.2. Create

`lenya.usecase=create`

`lenya.step=`	additional parameters	sample value
showscreen	parentid	/dossiers/2003
	doctype	Dossier
create	parentid	
	childid	
	doctype	

5.3. Rollback

`lenya.usecase=rollback`

`lenya.step=`	additional parameters	sample value
showscreen		
view	version	

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5.4. View Logs

`lenya.usecase=view-logs`

`lenya.step=`	additional parameters	sample value
overview		
log	logfile	2003-05-13-18-34-00-314.xml

FIXME (ce):

Add remaining use cases

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