Usecases

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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.xsp"/>
    <map:transform src="xslt/publishing/publish-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
Reject Approval	reject	showscreen	Confirm to reject a document from

			approval.
		reject	
Submit for Approval	submit	showscreen	Confirm to submit a document to approval.
		submit	
Archive	archive	showscreen	Confirm to archive a document.
		archive	
Checkin	checkin	showscreen	Confirm the checkin of this document
		checkin	
Checkout	checkout	showscreen	Confirm the checkout of this document
		checkout	
Copy	copy	showscreen	Confirm to copy a document. (The document is held in a clipboard until it is pasted again)
		copy	
Create	create	showscreen	Show a form allowing to specify the parameters for creation of a document
		create	Create the document
Cut	cut	showscreen	Confirm to cut a document. (The document is held in a clipboard until it is pasted again)
		cut	
Deactivate	deactivate	showscreen	Confirm to deactivate a document.
		deactivate	
Delete	delete	showscreen	Confirm to delete a document.
		delete	
Logout	logout	showscreen	Confirm the logout

Paste	paste	showscreen	Confirm to paste a document. (The document which is held in a clipboard until is pasted)
		paste	
Publish	publish	showscreen	Confirm the publication of this document
		publish	Publish this document
Asset upload	aset	showscreen	Show a form allowing to specify the parameters for uploading of an asset
		upload	Upload the asset
		insert	Insert an already uploaded asset
		upload-and-insert	Upload and insert an asset
		remove	Remove a previously uploaded asset
Rename	rename	showscreen	Confirm to rename a document.
		rename	
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 particular version of this document
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			

Administration	userAddUser		Add a user
	userDeleteUser		Show a form for adding users
	userChangeProfile		Change the profile of a user
	userChangePasswordUs		Change the password as a user
	userChangePasswordAd		Change the password as an administrator
	userChangeGroups		Change the group affiliation of a user
	iprangeAddIPRange		Add an IP range
	iprangeDeleteIPRange		Delete an IP range
	iprangeChangeProfile		Change the profile of an IP range
	iprangeChangeGroups		Change the group affiliation of an IP range
	groupAddGroup		Add a group
	groupDeleteGroup		Delete a group
	groupChangeProfile		Change the profile of a group
	groupChangeMembers		Change the members of a group
View Logs	view-logs	overview	Show the logfile list for this publication
		log	Show a single logfile

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	

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	

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

5.5. Usecases versus FlowScript

The usecase concept in Lenya 1.2 is inferior to FlowScript. Lenya 1.4-dev contains a simple Usecase Framework (../../../../docs/1_4/reference/usecase-framework/) for writing usecases based on flow, JX templates, and Java classes for business logic.