

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:act>
  </map:match>
</map:match>
```

```

    <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 |
|---------------------|-----------------|-----------------|---|
| Add Child | add-child | showscreen | Confirm to add a child document to the current node in the site tree. |
| | | add-child | |
| Add Sibling | add-sibling | showscreen | Confirm to add a sibling document to the current node in the site tree. |
| Reject Approval | approval-reject | showscreen | Confirm to reject a document from approval. |
| | | approval-reject | |
| Submit for Approval | approval-submit | showscreen | Confirm to submit a document to approval. |
| | | approval-submit | |
| Archive | archive | showscreen | Confirm to archive a document. |
| | | archive | |
| | | add-sibling | |

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| | | | |
|------------|------------|------------|--|
| 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 |
| Move Down | move-down | showscreen | Confirm to move a document downwards in the site tree. |
| | | move-down | |

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| | | | |
|-----------------|----------|------------|--|
| Move Up | move-up | showscreen | Confirm to move a document upwards in the site tree. |
| | | move-up | |
| 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 |
| Resource upload | upload | showscreen | Show a form allowing to specify the parameters for uploading of a resource |
| | | upload | Upload the resource |
| 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 |

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| | | | |
|------------|-------------|------------|--|
| | | modify | Modify an existing task |
| | | delete | Delete an existing task |
| Edit | | | |
| User Admin | user-admin | showscreen | Show an overview page listing all users |
| | user-add | showscreen | Show a form for adding users |
| | | add | Add a user |
| | user-modify | showscreen | Show a form for modifying users |
| | | modify | Modify a user |
| | user-delete | showscreen | Confirm the deletion of a user |
| | | delete | Delete a user |
| View Logs | view-logs | overview | Show the logfile list for this publication |
| | | log | Show a single logfile |

FIXME (cc):

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 | |

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 |

FIXME (cc):

Add remaining use cases