

# Archive

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## 1. Introduction

The archive operation corresponds to a move operation from the authoring area to the archive

## 2. Implementation

Similar to the operation [move](#) (move.html)

## 3. Parameters

Required parameters:

- the area for the source document
- the document id for the source document
- the task id

## 4. usecase

### 4.1. Archive screen

URL :

```
{document-URL}?lenya.usecase=archive&lenya.step=showscreen
```

usecase sitemap:

```
<map:match pattern="archive" type="usecase">
  <map:match pattern="showscreen" type="step">
    <map:generate src="content/info/archive.xsp" type="serverpages"/>
    <map:transform src="xslt/info/archive.xsl">
      <map:parameter name="use-request-parameters" value="true"/>
    </map:transform>
    <map:call resource="style-cms-page"/>
  </map:match>
</map:match>
```

The parameters for the source are get with the serverpage through the page envelope input module. The area for the destination is set to archive in the stylesheet. A form (build with the xslt transformation) sends then the parameters as request parameters with the new URL.

### 4.2. Archive confirmation

URL :

```
{document-URL}?lenya.usecase=archive&lenya.step=step&...{source parameters}
```

usecase sitemap:

```
<map:match pattern="archive" type="usecase">
  <map:match pattern="archive" type="step">
    <map:act type="task">
      <map:redirect-to session="true" uri="{request-param:parenturl}"/>
    </map:act>
  </map:match>
</map:match>
```

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

The action `org.apache.lenya.cms.cocoon.acting.TaskAction` calls the execution of the ant task.

## 5. Ant Task

The ant target `archiveDocument` is in the publication :

```
{publication}/config/tasks/targets.xml
```

and depends on the different targets

- `firstareaproperties`, to set the needed properties dependent of the source area
- `secareaproperties`, to set the needed properties dependent of the destination area
- `newarchivedocumentid`, to compute the unique destination id from the source document id
- `firstdocumentpath`, to compute the directory of the source contents (Needed for the revisions and the rcml files)
- `secdocumentpath`, to compute the directory where are the destination contents (Needed for the revisions and the rcml files)
- `setIdentifier`, to save the source document id (in the `dc:identifier`). Necessary to be able to restore later the document
- `move`, to execute the different move operations

More about ant task, see the documentation [Ant Task](#) (`../tasks/anttask.html`) and the [Javadoc](#) (`../apidocs/1.2/index.html`)