

# Reserved Checkin

by Edith Chevrier

## 1. Revision Controller

To check in a file call:

```
org.apache.lenya.cms.rc.RevisionController.reservedCheckin(  
    String destination, String identity, boolean backup)
```

where the destination is the path of the file from the publication, the identity is the identity of the user and backup is a boolean.

This method is called from the ReservedCheckinAction.

Rem: if no backup (and no rollback is needed) set in the ReservedCheckinAction the backup boolean to false.

## 2. The ReservedCheckinAction

To invoke a reserved check-in from a sitemap pipeline, you use The ReservedCheckinAction.

```
<map:components>  
  ...  
  <map:actions>  
    <map:action name="reserved-checkin"  
      src="org.apache.lenya.cms.cocoon.acting.ReservedCheckinAction"  
      logger="sitemap.action.reserved-checkin"/>  
  </map:actions>  
  ...  
</map:components>  
  
<map:act type="reserved-checkin">  
  <map:generate src="../../content/rc/{exception}.xsp"  
    type="serverpages">  
    <map:parameter name="user" value="{user}"/>  
    <map:parameter name="filename" value="{filename}"/>  
    <map:parameter name="checkType" value="{checkType}"/>  
    <map:parameter name="date" value="{date}"/>  
  </map:generate>  
  <map:transform src="xslt/rc/rco-exception.xsl"/>  
  <map:serialize/>  
</map:act>
```

## 3. URL

The call

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

invokes a check-in of the document

## 4. fileReservedCheckInException

When the file cannot be checked in because another user has already checked it out, a fileReservedCheckInException is thrown:

```
File Reserved Checkin Exception
File not checked in yet

The resource has already been checked out:
User: roger
Date: Wed Oct 22 14:31:05 CEST 2003
Filename: /content/authoring/index/index_de.xml
```

The serverpage

```
cocoon-lenya/src/webapp/lenya/content/rc/fileReservedCheckInException.xsp
```

generates the xml which will be transformed with

```
cocoon-lenya/src/webapp/lenya/xslt/rc/rco-exception.xsl
```

## 5. Exception

The errors are caught as generic Exception

```
Generic Exception

Check the log files :-)
Filename: /content/authoring/malaVida/index_de.xml
```

The serverpage

```
cocoon-lenya/src/webapp/lenya/content/rc/exception.xsp
```

generates the xml which will be transformed with

```
cocoon-lenya/src/webapp/lenya/xslt/rc/rco-exception.xsl
```