Reserved Checkin

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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

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

generates the xml which will be transformed with

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

5. Exception

The errors are catched as generic Exception

```
Generic Exception

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

The serverpage

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

generates the xml which will be transformed with

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