

# Reserved Checkout

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## 1. Revision Controller

To check out a file call the method :

```
org.apache.lenya.cms.rc.RevisionController.reservedCheckOut(String source, String identity)
```

where the source is the path of the file from the publication and the identity is the identity of the user.

This method is called from the ReservedCheckoutAction.

## 2. The ReservedCheckoutAction

To invoke a reserved check out from a sitemap pipeline, you use The ReservedCheckoutAction.

```
<map:components>
  ...
  <map:actions>
    <map:action name="reserved-checkout"
src="org.apache.lenya.cms.cocoon.acting.ReservedCheckoutAction"
logger="sitemap.action.reserved-checkout"/>
  </map:actions>
  ...
</map:components>

<map:act type="reserved-checkout">
  <map:generate src="content/rc/{exception}.xsp" type="serverpages">
    <map:parameter name="user" value="{user}"/>
    <map:parameter name="filename" value="{filename}"/>
    <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=checkout&lenya usecase.step=checkout
```

invokes a check-out of the document

## 4. The ReservedCheckoutTestAction

The ReservedCheckoutTestAction checks out a document only if this isn't already checked out

```
<map:components>
  ...
  <map:actions>
    <map:action name="reserved-checkout-test"
src="org.apache.lenya.cms.cocoon.acting.ReservedCheckoutTestAction"
logger="sitemap.action.reserved-checkout-test"/>
  </map:actions>
  ...
</map:components>

<map:act type="reserved-checkout-test">
```

```
<map:generate type="serverpages" src="../../content/rc/{exception}.xsp">
  <map:parameter name="user" value="{user}"/>
  <map:parameter name="filename" value="{filename}"/>
  <map:parameter name="date" value="{date}"/>
</map:generate>
<map:transform src="../../xslt/rc/rco-exception.xsl"/>
<map:serialize/>
</map:act>
```

## 5. FileReservedCheckOutException

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

```
File Reserved Checkout Exception
```

```
Could not check out the file
```

```
Reason : The resource has already been checked out by another user
```

```
User: lenya
```

```
Date: Wed Oct 22 12:02:28 CEST 2003
```

```
Filename: /content/authoring/index/index_de.xml
```

The serverpage

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

generates the xml which will be transformed with

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

## 6. Exception

The errors are caught 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
```