

# Revision Controller

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## 1. Introduction

The Revision Controller controls the different reserved check-in and check-out of documents, the backup versions and the rollback. It is filesystem oriented

## 2. Check-in / Check-out

The [check-in](#) and [check-out](#) are reserved: a checked out document cannot be checked out by another user.

A user "System" exists, who can force internally a checkin

The different check-in/check-out states (the checkin/out, the time, the user's identity) of a document are stored in an xml file with a own markup language: the [RCML-file](#).

## 3. Versions

When a document is checked in, the old version of the document is copied ( [backup](#) )

## 4. Rollback

It is also possible to retrieve an old version with the [rollback](#)

## 5. Package

```
org.apache.lenya.cms.rc
```