

# Nuxeo Platform 5.9.4 Release Notes

## For Users

### Favorites

Users are able to pin documents. These documents are then in their "Favorites" collection, which is automatically created. When a document is pinned, the icon changes so that the user knows it is pinned. Clicking on the new icon "unpins" the document.

### Nuxeo Drive Auto-Update

The major enhancement to Nuxeo Drive for this new release is the automatic, silent update. This makes everything much smoother. The user will be notified when a new version is available and when it has been installed.

It is now also possible to filter out some folders from the Drive desktop interface.

### Content Automation

#### Parameterised Automation Chains and Other Productivity

##### Improvements on Automation

Users can design automation chains with parameters, saving a great number of chains whose structure is repeated with only a few changes in operations parameters.

The readability of an automation chain is improved with a better visibility of arguments values.

Finally, we provide a text mode for automation chain edition, that will facilitate some refactoring, and also make it easy to transfer to support a chain definition, or to build new documentation samples.

##### New Operations for Collections Management

We have added new operations dedicated to collections management. You can now use `AddToCollection`, `RemoveFromCollection`, `CreateACollection` and `GetAllDocumentsFromCollection`. Their name speak for themselves.

##### Implement a YAML Converter for Automation Chains

YAML representation of chains is now visible in the platform. Here is an example for the `validateDocument` chain:

```
http://localhost:8080/nuxeo/site/automation/doc?id=validateDocument
- Context.FetchDocument
- Document.SetLifeCycle:
  value: approve
- Document.CheckIn:
  version: minor
  comment: Automatic checkin after validation
```

### CMIS

#### CMIS Rendition

Renditions from the `RenditionService` are now exposed as CMIS renditions of kind "nuxeo:rendition", with a name that's based on Rendition name. For example "nuxeo:rendition:pdf" for the "pdf" rendition.

A `<renditionDefinition>` must now define a `<contentType>` element if it wants to be exposed to CMIS.

#### CMIS Content Streams

Nuxeo CMIS content streams support HTTP cache and last modified headers.

## Mail Folder

If used extensively, the Mailbox Folder could present some performance issues. We have added some new system properties to help fine tune the IMAP configuration.

- Force IMAP lib to do a Copy of the message (default to false): `org.nuxeo.mail.imap.copy = false`
- Debug info (default to false): `org.nuxeo.mail.imap.debug = false`

We have also added locking at 2 levels:

- Inside the scheduled listener: avoids re-entrancy
- Inside the MailCoreHelper: avoids 2 threads to fetch the same mailbox

## For Administrators

### Move Packages Directory Out of the Data Directory

The Marketplace packages used to be stored in the Nuxeo data directory. This is not really their place so now instead of being stored in "nxserver/data/packages/", they'll be stored in "packages/". You can also change this location using the new property "nuxeo.mp.dir".