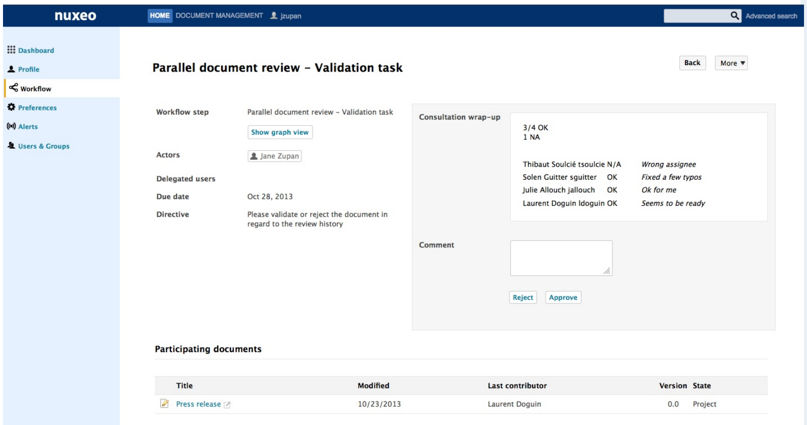
Nuxeo Platform 5.7.3 to 5.8 Release Notes

For Users

Workflow

We now have a task resolution screen. It's a dedicated screen to solve one of your task and stay focus on the workflow.



Parallel document review - Validation task

Workflow step	Parallel document review - Validation task
Actors	Jane Zupan
Delegated users	
Due date	Oct 28, 2013
Directive	Please validate or reject the document in regard to the review history

Consultation wrap-up

3/4 OK
1 NA

Thibaut Soulcié tsoulcie	N/A	*Wrong assignee*
Solen Guitter sguitter	OK	*Fixed a few typos*
Julie Allouch jallouch	OK	*Ok for me*
Laurent Doguin ldoguin	OK	*Seems to be ready*

Comment

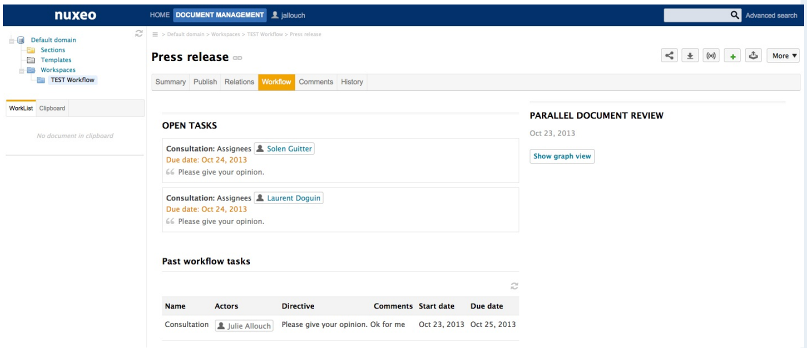
Participating documents

Title	Modified	Last contributor	Version	State
Press release	10/23/2013	Laurent Doguin	0.0	Project

A workflow can be applied on multiple documents.

We added a parallel review workflow:

- First step, choose the participants
- Second step, every participants give their feedback.
- Third step, we present a summary of the 2nd step and the assignee can validate or reject the document.



Press release

OPEN TASKS

Consultation: Assignees Solen Guitter
Due date: Oct 24, 2013
Please give your opinion.

Consultation: Assignees Laurent Doguin
Due date: Oct 24, 2013
Please give your opinion.

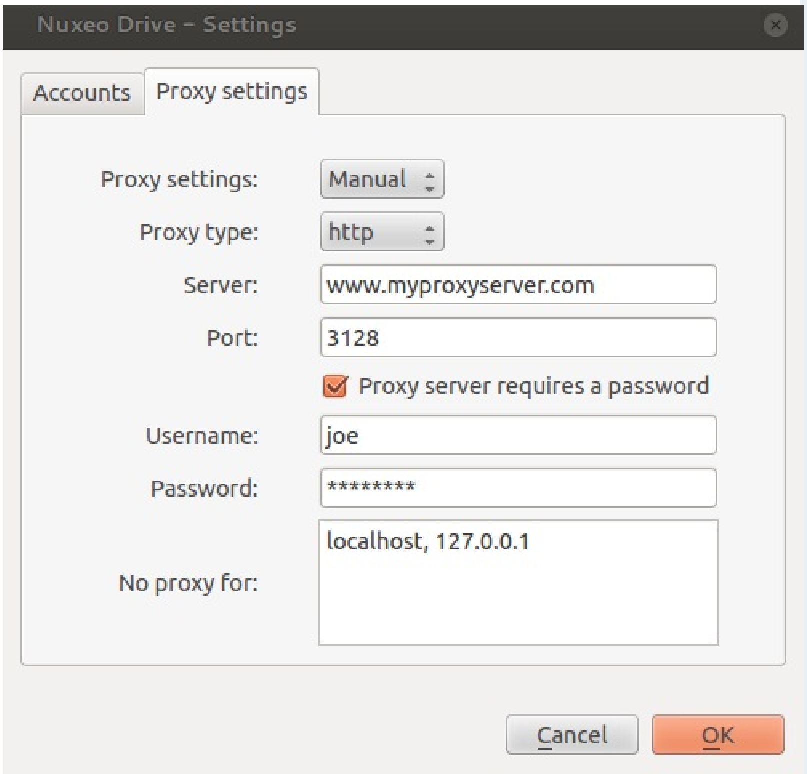
PARALLEL DOCUMENT REVIEW
Oct 23, 2013

Past workflow tasks

Name	Actors	Directive	Comments	Start date	Due date
Consultation	Julie Allouch	Please give your opinion.	Ok for me	Oct 23, 2013	Oct 25, 2013

Drive

Nuxeo Drive can be used behind a proxy.


Nuxeo Drive - Settings

Accounts | Proxy settings

Proxy settings: Manual

Proxy type: http

Server: www.myproxyserver.com

Port: 3128

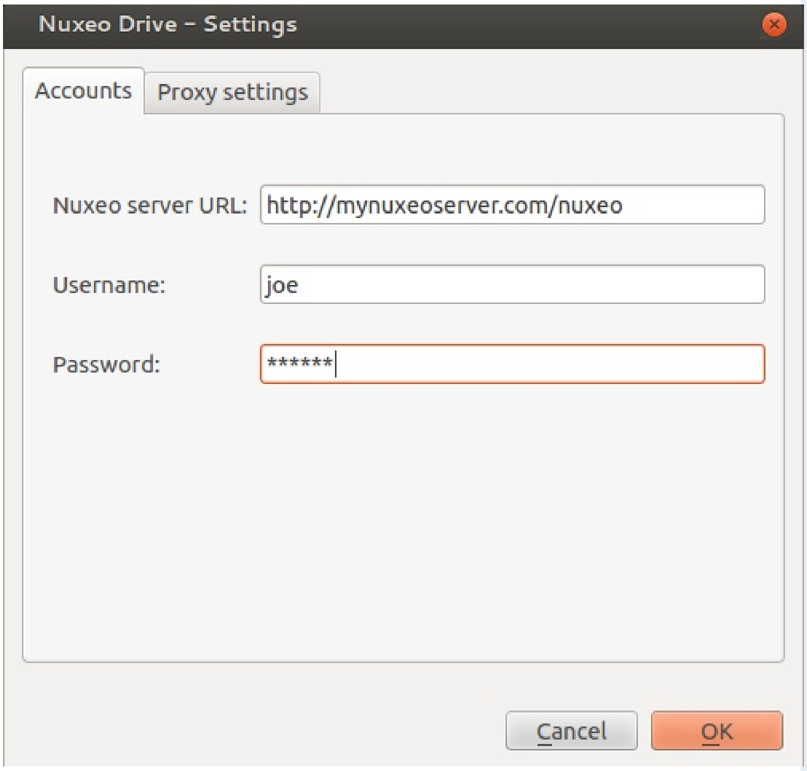
☑ Proxy server requires a password

Username: joe

Password: ********

No proxy for: localhost, 127.0.0.1

We also added the unified settings panel:


Nuxeo Drive - Settings

Accounts | Proxy settings

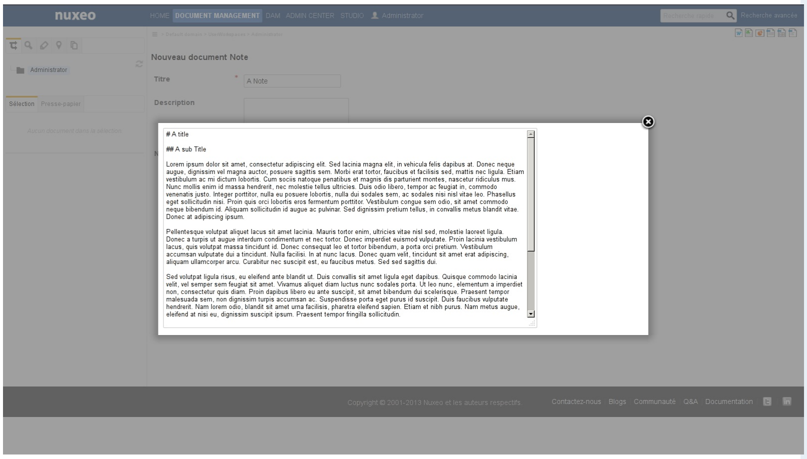
Nuxeo server URL: http://mynuxeoserver.com/nuxeo

Username: joe

Password: ******

Rich Text Widget

When using the rich editor and text, xml or markdown, we've added a Toggle Fullscreen button that displays the editing window in a fancybox. It makes it easier to see what you're doing.



Nouveau document Note

Titre * A Note

Description

```
# A title

## A sub Title

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```

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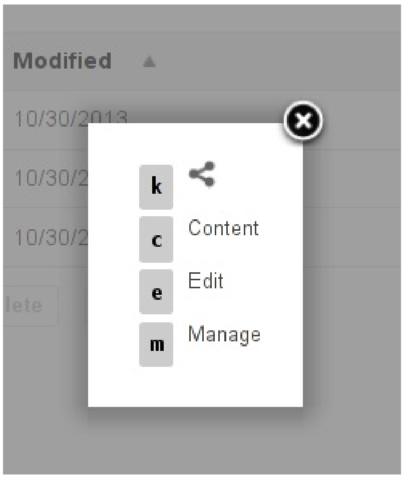
Access Keys

We have added new access key binded to actions. Try maj-h, you'll see the different access keys available. Use ctrl-maj E to go to the Edit tab for example.



k	
c	Content
e	Edit
m	Manage

For Developers

Automation

We have added new operations:

Traces.Get - Traces.Get

Retrieve trace associated to a Chain or an Operation.

Traces.ToggleRecording - Traces.ToggleRecording

Toggle Automation call tracing (you can set the 'enableTrace' parameter if you want to explicitly set the traceEnable value.

Remove Permission - Document.RemovePermission

Remove permissions for a given user on the input document(s). Returns the document(s).

Add Permission - Document.AddPermission

Add Permission on the input document(s). Returns the document(s).

Concatenate PDFs - Blob.ConcatenatePDFs

Given a File document holding a PDF on the file:content property and 2 PDFs on the files:files property, the following operation will provide a PDF that is the result of the merge of all the PDFs, with the content of the one in file:content property first.

API

The document oriented REST API has been moved into a separate package to ease maintenance and upgrades.

We released an AngularJS sample application to showcase the API.

We've added pagination support for user and group endpoints.

We've added support for different version of the API:

```
/api/v1/id/{docId}...
```

Using the version segment is mandatory. The version is used mostly for giving guarantees to the API user that the JSON entities won't change when migrating to newer version of Nuxeo.

Redis

Several components in Nuxeo will make use of Redis as an optional feature. To configure Redis, the following extension point can be used:

```
<extension target="org.nuxeo.ecm.core.redis.RedisService" point="config
  <redis disabled="false">
    <prefix>nuxeo:work:</prefix>
    <host>localhost</host>
    <port>6379</port>
    <password>secret</password>
    <database>0</database>
    <timeout>2000</timeout>
  </redis>
</extension>
```

Redis Service

To use the Redis service, do:

```
    RedisService redisService = Framework.getLocalService(RedisServic
```

This service currently provides two methods:

```
redisService.getJedisPool();
redisService.getPrefix(); // should be used as prefix for any key
```

Standard usage pattern is:

```
protected Jedis getJedis() {
    return redisService.getJedisPool().getResource();
}

protected void closeJedis(Jedis jedis) {
    redisService.getJedisPool().returnResource(jedis);
}

protected void myMethod() throws IOException {
    Jedis jedis = getJedis();
    try {
        // ... use jedis here ...
        // ... all keys should be prefixed with redisService.getPrefix()
    } finally {
        closeJedis(jedis);
    }
}
```

Redis WorkManager

We added a Redis based WorkManager. This is helpful for:

- High-Activity work queueing, to avoid saturating memory or blocking,
- Queue persistence, to avoid lost jobs on shutdown,
- New feature: node-aware job execution.

PDF Signing

Now you can apply more than one signature to a PDF and configure the position of the signatures following a predefined matrix. Here's a sample contribution:

```
<extension target="org.nuxeo.ecm.platform.signature.api.sign.SignatureS
  point="signature">
  <configuration>
    <reason>This document signed as an example.
    </reason>
    <layout lines="2" columns="5" startLine="2" startColumn="1" textSize="
  </configuration>
</extension>
```

UI/UX

Nuxeos's header has been rewritten using widgets displaying actions. Basically it means you can override each part of the header easily. Like the links, search box etc...

The double click shield has been activated by default.

You can Ajaxify any tab you want using the property *nuxeo.jsf.useAjaxTabs*. It means that when you click on a tab, only its content will be reloaded instead of the whole page. And the URL is updated automatically so you can have permlink with the selected tab, use the back button to go to a previously selected tab. This option can also be chosen when creating a new tab in Nuxeo Studio.

When you are in dev mode, the JavaScript files are not minified. This is much better when you need to debug JavaScript.

Mockito Integration

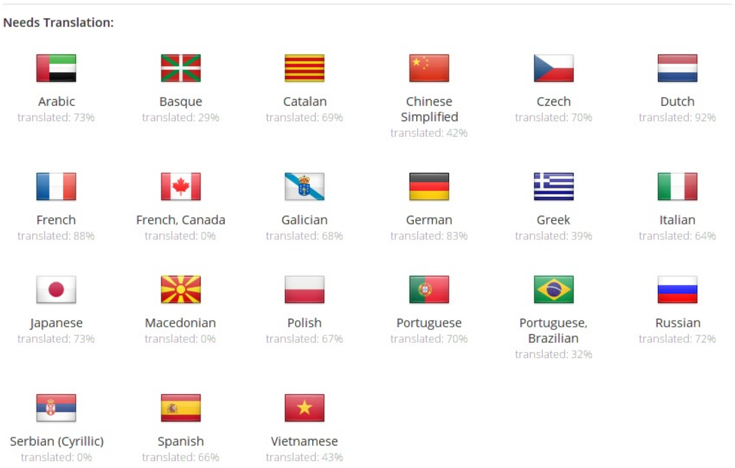
We've added Mockito support to our test framework. Here's an example:

```
@RunWith(FeaturesRunner.class)
@Features(RuntimeFeature.class)
public class CanMockServicesTest {

    @RuntimeService
    @Mock
    AFakeService myService;

    @Before
    public void doBefore() {
        when(myService.getSomething()).thenReturn("Hello !");
    }

    @Test
    public void itShouldBindMocktoAService() throws Exception {
        AFakeService service = Framework.getService(AFakeService.class);
        assertNotNull(service);
        assertEquals("Hello !", service.getSomething());
    }
    ...
}
```

Localization

Crowdin

Nuxeo has an account on Crowdin. It makes it easier for everyone to help translate Nuxeo in different languages. You can read this blog for more information.



Needs Translation:

Arabic translated: 73%	Basque translated: 29%	Catalan translated: 69%	Chinese Simplified translated: 42%	Czech translated: 70%	Dutch translated: 92%
French translated: 88%	French, Canada translated: 0%	Galician translated: 68%	German translated: 83%	Greek translated: 39%	Italian translated: 64%
Japanese translated: 73%	Macedonian translated: 0%	Polish translated: 67%	Portuguese translated: 70%	Portuguese, Brazilian translated: 32%	Russian translated: 72%
Serbian (Cyrillic) translated: 0%	Spanish translated: 66%	Vietnamese translated: 43%			

Dutch Translation

Our partner Capgemini Netherlands has contributed the Dutch translation for Nuxeo.

For Administrators

Nuxeo.conf New Parameters

Parameter	Default Value	Description
nuxeo.jsf.useAjaxTabs	false (unset)	Enable ajaxified tabs on document views.
org.nuxeo.prod	false	Setting this property to "true" will display a quite visible warning message in the Admin Center, stating that this is a production instance. This is useful for administrators who are sometimes confusing their Nuxeo production server with their test server (not to rat anyone out).
nuxeo.vcs.blocking-timeout-millis	100	Database maximum wait time to get a connection from the pool when all connections are in use, for Nuxeo repository (VCS).
nuxeo.vcs.idle-timeout-minutes	10	Database timeout after which connections not in use are removed from the pool, for Nuxeo repository (VCS).
nuxeo.vcs.fulltext.disabled	false	
nuxeo.vcs.noddl	false	
nuxeo.vcs.idtype	varchar	

Blogs and Websites Packaging

Blogs and Website have been removed from the DM module and are now independant packages.

Database Support

We have updated the MS SQL Server documentation with new recommendations.

PostgreSQL 9.2-1002 JDBC4 driver supports simple connection fail-over useful for high-availability configurations.

PostgreSQL 9.3 is officialy supported.