

## Nuxeo Issue Tracker

JQL Query: project = "NXP" AND resolution = Fixed AND fixVersion > "7.10" AND fixVersion <= "8.10" AND ("Impact type" = "API change" OR "Upgrade notes" is not EMPTY) ORDER BY component ASC, key ASC

Sorted by: Component/s ascending, then Key ascending

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Key	Summary	Impact type	Upgrade notes
NXP-17681	<a href="#">Optimize actions rendering in JSF</a>	Configuration Change	In case of regression on actions rendering, the following property (contribution to the ConfigurationService) can be set to true to disable corresponding optimizations: <code>nuxeo.jsf.actions.removeActionOptims</code> . To migrate the behaviour, check upgrade documentation at <a href="https://doc.nuxeo.com/x/VILBAQ">https://doc.nuxeo.com/x/VILBAQ</a>
NXP-19890	<a href="#">Fix JSF UI timer debug logs activation</a>	Configuration Change	See documentation at <a href="https://doc.nuxeo.com/x/44DjAQ">https://doc.nuxeo.com/x/44DjAQ</a> to help debugging slow pages
NXP-17934	<a href="#">Improve audit performance and reliability</a>		As the audit ingestion is bulked and is not based on asynch tasks, if you have to synchronize with the audit, you should use the new API <code>{{org.nuxeo.ecm.platform.audit.api.AuditLogger.await(long, TimeUnit)}}</code> .  In test mode, you could use the new API <code>{{org.nuxeo.ecm.core.test.TransactionalFeature.nextTransaction(long, TimeUnit)}}</code> which commit the current transaction and wait for asynch processing being terminated.
NXP-20379	<a href="#">Audit reporting should filter on repository name</a>	Configuration Change	New method: <code>getLogEntriesFor(String docUuid, String repositoryName)</code> . Deprecated method: <code>getLogEntriesFor(String docUuid)</code> .
NXP-18995	<a href="#">Handle expired session when using a document suggestion widget</a>	API change	When setting <code>{{handlePrompt}}</code> to <code>{{false}}</code> on an authentication chain, it always returns a <code>{{401}}</code> return code instead of the response the authentication plugin may have returned (for instance a <code>{{302}}</code> to <code>{{login.jsp}}</code> )
NXP-13752	<a href="#">Automation - NPE exception in Fn.getVocabularyLabel on missing key</a>		When a key is missing in a vocabulary, instead of a thrown NPE exception, now the key is returned.
NXP-19170	<a href="#">Add backward compatibility for behavior change on multi line handling in automation operation</a>		7.10 -> 8.2+ When using properties of the form "key=value" for import, or in the Java Automation Client for example, the default behaviour for trailing spaces in 8 series has been inverted. Now trailing spaces around the value are not trimmed by default. For example "key= myValue" has a value " myValue" (note that it starts with a space). If you want to force back the previous behaviour, you should set the configuration property "nuxeo.automation.properties.value.trim" value to true. Otherwise, you have to be sure, that all your "key=value" inputs (in data files or source code) must be cleared of trailing spaces which are not actual part of the value.
NXP-20497	<a href="#">Blob.ToFile is not secured</a>	API change	From 8.4, executing Blob.ToFile operation, with Nuxeo directory as target directory, throws an OperationException.
NXP-20523	<a href="#">Blob.exportToFS can be called remotely while it should not</a>	Configuration Change	Only administrators can use Blob.ExportToFS (and its alias Blob.ToFile) operation. Otherwise an OperationException is thrown.
NXP-17313	<a href="#">Allow proxies to be visible through CMIS</a>		Use <code>org.nuxeo.cmis.proxies=true</code> to make proxies visible to CMIS.
NXP-19633	<a href="#">Support versions and proxies in collections</a>		Checked-in documents (i.e. Versions) and Proxies can now be added to Collections.  There is a new boolean schema declaration attribute "isVersionWritable" which allows associated fields to be modified even though the document is a version.
NXP-16889	<a href="#">Have an open office command line based pdf converter</a>		Upgrade the LibreOffice to version 5.x (Still)
NXP-17396	<a href="#">Allow separate repository DDL generation</a>	Configuration Change	<code>nuxeo.vcs.ddlmode=execute</code> is now the default in Nuxeo 8.1
NXP-18403	<a href="#">Reset dublincore metadata when a document is copied</a>	API change	From nuxeo 8.2, <code>dc:creator</code> , <code>dc:creationDate</code> , <code>dc:modification</code> and <code>dc:contributors</code> metadata are reseted for documents created from a template. This behavior can be enabled for all copy on nuxeo platform by setting the configuration property 'nuxeo.dclistener.reset-creator-on-copy' to true.
NXP-18565	<a href="#">Fix S3 bucket property name</a>		'nuxeo.s3storage.bucket.prefix' moved to 'nuxeo.s3storage.bucket_prefix'
NXP-19626	<a href="#">Do not checkout a document when putting it in the trash</a>		The <code>org.nuxeo.trash.keepCheckedIn</code> configuration property defines the behavior when putting a checked in document in the trash. When true, the document will be kept checked in (this avoids growing quotas). This is the default since Nuxeo 8.3. When false, the document will be checked out (compatibility behavior).
NXP-19654	<a href="#">Deprecated public use of DocumentPart</a>		Deprecated: - DocumentPart - DocumentModel.getPart(schema) - DocumentModel.getParts() New methods: - DocumentModel.getPropertyObject(schema, name) - DocumentModel.getPropertyObjects(schema)

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NXP-19655	Deprecate public use of DataModel		Deprecated: - DataModel - DataModelMap - DocumentModel.getDataModelsCollection - DocumentModel.getDataModels - DocumentModel.getDataModel
NXP-19740	Remove CoreSession#copy(DocumentRef, DocumentRef, String)		We remove : - CoreSession#copy(DocumentRef, DocumentRef, String) - CoreSession#copy(List<DocumentRef>, DocumentRef) - CoreSession#copyProxyAsDocument(DocumentRef, DocumentRef, String) - CoreSession#copyProxyAsDocument(List<DocumentRef>, DocumentRef) in order to introduce same methods with a var args argument CopyOption. These changement only affect bytecode generated by java compiler.
NXP-20083	Don't instantiate CoreSession through service adapter		Framework.getService(CoreSession.class) cannot be used anymore to acquire a CoreSession. Instead one should use: Framework.getService(CoreSessionService.class).createCoreSession(repositoryName principal)
NXP-19206	Optimize list appends in VCS		In 8.3 and later, optimized list appends are active by default. In 7.10 and earlier they are not.  For 8.3 (default value is "false") the previous behavior can be re-activated using:  <pre>&lt;extension target="org.nuxeo.runtime.ConfigurationService" point="configuration"&gt;   &lt;property name="org.nuxeo.vcs.list-delete-before-append"&gt;true&lt;/property&gt; &lt;/extension&gt;</pre> For 7.10-HF08 (default value is "true") the new optimized behavior can be activated by using "false" above.  For 6.0-HF30 (default value is "true") the new optimized behavior can be activated by using in nuxeo.conf:  <pre>org.nuxeo.vcs.list-delete-before-append=false</pre>
NXP-20872	Allow configuration of maximum fulltext field size		In the repository configuration, the <fulltext> element now has a fieldSizeLimit attribute that can control the maximum size of the extracted fulltext. The default is 0, which means unlimited.
NXP-20901	Split nuxeo-csv to isolate jsf dependencies		Created 3 different modules.  Core -> main functionality of the CSV importer JSF -> JSF support Operation -> adds CSV.Import operation
NXP-20943	Remove compatibility contributions from nuxeo-dam	Data Persistence Change	Compatibility `AssetLibrary` document type has been removed. You must update your database to change the type from `AssetLibrary` to `Domain`:  <pre>`UPDATE hierarchy SET primarytype = 'Domain' WHERE primarytype = 'AssetLibrary';` (working on PostgreSQL)</pre>
NXP-20368	Add connect report feature to the default distributions		JDK now required (JRE not enough) on the server
NXP-15990	Add guards on Signature PDF operation	Configuration Change	Only administrators can use signPDF and signPDFDocument operations. Otherwise an OperationException is thrown.

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NXP-19175	Generic Directory and directory templating		<p>Generic Directories have been introduced, along with the possibility to make regular directories be "templates".</p> <p>First, register a template directory (template="true"):</p> <pre>&lt;extension target="org.nuxeo.ecm.directory.sql.SQLDirectoryFactory" point="directories"&gt; &lt;directory name="template-dir" template="true"&gt;   &lt;dataSource&gt;java:/nxsqldirectory&lt;/dataSource&gt;   &lt;createTablePolicy&gt;always&lt;/createTablePolicy&gt;   &lt;querySizeLimit&gt;100&lt;/querySizeLimit&gt; &lt;/directory&gt; &lt;/extension&gt;</pre> <p>Then use a generic directory to provide specific customizations over the extended template (extends="template-dir"):</p> <pre>&lt;extension target="org.nuxeo.ecm.directory.GenericDirectory" point="directories"&gt; &lt;directory name="my-directory" extends="template-dir"&gt;   &lt;schema&gt;myschema&lt;/schema&gt;   &lt;table&gt;mytable&lt;/table&gt;   &lt;idField&gt;id&lt;/idField&gt;   &lt;passwordField&gt;password&lt;/passwordField&gt;   &lt;passwordHashAlgorithm&gt;SSHA&lt;/passwordHashAlgorithm&gt;   &lt;substringMatchType&gt;subany&lt;/substringMatchType&gt;   &lt;cacheTimeout&gt;3600&lt;/cacheTimeout&gt;   &lt;cacheMaxSize&gt;1000&lt;/cacheMaxSize&gt; &lt;/directory&gt; &lt;/extension&gt;</pre> <p>The Generic Directory descriptor only supports a generic subset of the configuration of the directories in general (see <code>org.nuxeo.ecm.directory.BaseDirectoryDescriptor</code> for the exact fields).</p>
NXP-19790	Integration tests for Nuxeo Server		<p>* Renamed Maven modules:</p> <pre>nuxeo-distribution-server =&gt; nuxeo-nxr-server nuxeo-distribution-jsf-ui =&gt; nuxeo-nxr-jsf-ui nuxeo-distribution-tests =&gt; nuxeo-test-dependencies nuxeo-distribution-tomcat-wizard-tests =&gt; nuxeo-wizard-tests nuxeo-distribution-cap-cmis-tests =&gt; nuxeo-server-cmis-tests nuxeo-distribution-cap-funkload-tests =&gt; nuxeo-jsf-ui-funkload-tests nuxeo-distribution-cap-gatling-tests =&gt; nuxeo-jsf-ui-gatling-tests nuxeo-distribution-cap-webdriver-tests =&gt; nuxeo-jsf-ui-webdriver-tests nuxeo-distribution-tomcat =&gt; nuxeo-server-tomcat -- no more -nuxeo-cap classifier</pre> <p>* Added Maven module:</p> <pre>nuxeo-server-tests</pre> <p>* The default distribution tested in functional tests is now a simple <code>nuxeo-server-tomcat</code> without the <code>nuxeo-jsf-ui</code> package.  <a href="https://github.com/nuxeo/tools-nuxeo-ftest">https://github.com/nuxeo/tools-nuxeo-ftest</a>  has been updated for this purpose, see <a href="https://jira.nuxeo.com/browse/NXBT-1351">https://jira.nuxeo.com/browse/NXBT-1351</a>.</p> <p>Consequently, if you need to run functional tests against a distribution including the <code>nuxeo-jsf-ui</code> package, you need to specify it explicitly in the <code>itest.xml</code> file:</p> <pre>&lt;property name="mp.install" value="file:\${out.dir}/nuxeo-marketplace-jsf-ui- \${maven.project.version}.zip" /&gt; ... &lt;target name="XXX"&gt;   &lt;copy todir="\${out.dir}"&gt;     &lt;artifact:file key="org.nuxeo.ecm.distribution:nuxeo-marketplace-jsf-ui::zip" /&gt;   &lt;/copy&gt; &lt;/target&gt;</pre> <p>having the following dependency in the <code>pom.xml</code>:</p> <pre>&lt;dependency&gt;   &lt;groupId&gt;org.nuxeo.ecm.distribution&lt;/groupId&gt;   &lt;artifactId&gt;nuxeo-marketplace-jsf-ui&lt;/artifactId&gt;   &lt;type&gt;zip&lt;/type&gt;   &lt;scope&gt;provided&lt;/scope&gt; &lt;/dependency&gt;</pre>

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NXP-20939	Update packages to rely on Nuxeo Server instead of CAP		<p>* The default target platform is now the server distribution, so the package.xml file of a Nuxeo package must contain:</p> <pre>&lt;platforms&gt;   &lt;platform&gt;server-@DISTRIB_VERSION@&lt;/platform&gt;   &lt;platform&gt;server-@DISTRIB_VERSION@-*&lt;/platform&gt; &lt;/platforms&gt;</pre> <p>* If a Nuxeo package depends on the nuxeo-jsf-ui package at runtime then it needs to be added as a dependency in package.xml:</p> <pre>&lt;dependencies&gt;   &lt;package&gt;nuxeo-jsf-ui&lt;/package&gt; &lt;/dependencies&gt;</pre> <p>* If a Nuxeo package can be installed on a server distribution with or without the nuxeo-jsf-ui package, the package.xml file must contain an optional dependency:</p> <pre>&lt;optional-dependencies&gt;   &lt;package&gt;nuxeo-jsf-ui&lt;/package&gt; &lt;/optional-dependencies&gt;</pre> <p>and the package assembly needs to handle the split of the bundles and libs into the bundles/bundles-jsf-ui/bundles-web-ui and lib/lib-jsf-ui/lib-web-ui directories of the package. See for example marketplace-dam, marketplace-drive, marketplace-quota, etc.</p> <p>Same thing about the nuxeo-web-ui package.</p> <p>* As stated in <a href="https://jira.nuxeo.com/browse/NXP-19790">https://jira.nuxeo.com/browse/NXP-19790</a> and <a href="https://jira.nuxeo.com/browse/NXBT-1351">https://jira.nuxeo.com/browse/NXBT-1351</a>, the default distribution used in functional tests is now a simple nuxeo-server-tomcat without the nuxeo-jsf-ui package.</p> <p>Consequently, if the functional tests of a Nuxeo package need to be run against a distribution including the nuxeo-jsf-ui package, it needs to be specified explicitly in the itests.xml file:</p> <pre>&lt;property name="mp.install" value="file:\${out.dir}/nuxeo-marketplace-jsf-ui- \${maven.project.version}.zip" /&gt; ... &lt;target name="XXX"&gt;   &lt;copy todir="\${out.dir}"&gt;     &lt;artifact:file key="org.nuxeo.ecm.distribution:nuxeo-marketplace-jsf-ui::zip" /&gt;   &lt;/copy&gt; &lt;/target&gt;</pre> <p>having the following dependency in the pom.xml:</p> <pre>&lt;dependency&gt;   &lt;groupId&gt;org.nuxeo.ecm.distribution&lt;/groupId&gt;   &lt;artifactId&gt;nuxeo-marketplace-jsf-ui&lt;/artifactId&gt;   &lt;type&gt;zip&lt;/type&gt;   &lt;scope&gt;provided&lt;/scope&gt; &lt;/dependency&gt;</pre>
NXP-21053	Remove contributions to missing extension points in server distributions	Configuration Change	nuxeo-routing-default module is not part of the server distribution anymore

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NXP-19194	<a href="#">Upgrade from Elasticsearch 1.5.2 to 2.x</a>	API change	<p>From version 8.10, Nuxeo uses Elasticsearch 2.x version. You'll need to upgrade your cluster by following these steps:  <a href="https://www.elastic.co/guide/en/elasticsearch/reference/current/restart-upgrade.html">https://www.elastic.co/guide/en/elasticsearch/reference/current/restart-upgrade.html</a></p> <p>You may also have a look at breaking changes:  <a href="https://www.elastic.co/guide/en/elasticsearch/reference/2.0/breaking-changes-2.0.html">https://www.elastic.co/guide/en/elasticsearch/reference/2.0/breaking-changes-2.0.html</a></p> <p>BREAKING CHANGES:  - '.' are no longer accepted in a property name. Additional properties on ecm:path have changed, we replaced '.' by '@'.  For example:  * ecm:path.depth -&gt; ecm:path@depth  * ecm:path.level1 -&gt; ecm:path@level1  * ecm:path.level2 -&gt; ecm:path@level2  ...  If you have fields with dot, you need to drop your index, upgrade cluster + nuxeo and re index your repository.  - NxQueryBuilder#limit won't accept -1 soon due to Elasticsearch change on index.max_result_window. This parameter is now 10000 by default, which prevent us to set Integer.MAX_VALUE in order to return all documents.  In order to fetch all documents, we recommend you to use the scroll API instead (ElasticSearchComponent#scroll).  All queries made with a -1 limit will fail unless you update the index.max_result_window setting on ES cluster (highly unrecommended).</p>
NXP-19283	<a href="#">Possible race condition on Elasticsearch indexing command</a>		<p>There is nothing to do when upgrading to 8.3. To enable optimistic concurrency control in 6.0 or 7.10 you need to override the Elasticsearch config ({{elasticsearch-config.xml.nxftl}}) to add a property {{ useExternalVersion="true" }} to the {{elasticsearchRemote}} or {{elasticsearchLocal}} tag.</p>
NXP-19631	<a href="#">Expose Elasticsearch Scroll API in ElasticSearchService</a>	API change	<p>Added:  - ElasticSearchService#scroll(NxQueryBuilder queryBuilder, long keepAlive)  - ElasticSearchService#scanAndScroll(NxQueryBuilder queryBuilder, long keepAlive)  - ElasticSearchService#scroll(EsScrollResult scrollResult)</p>
NXP-19920	<a href="#">Add servlet filter to force es sync indexation</a>		<p>The nx_es_sync header set to true on a http request on /site and /api will make elasticsearch indexing synchronous.</p>
NXP-20867	<a href="#">Fix typo on property elasticsearch.reindex.onStartUp</a>		<p>The typo in the property elasticsearch.reindex.onStartUp has been fixed. If used in custom configuration the property name must be updated to elasticsearch.reindex.onStartUp.</p>
NXP-17356	<a href="#">Fix EmailHelper javadoc</a>		<p>The EmailHelper java doc is now updated with a "template" parameter instead of a "body" parameter.</p>
NXP-19160	<a href="#">remove completed jobs as soon as possible</a>	API change	<p>The {{canceled}} and {{completed}} states are removed from the work's API. So you can't get anymore results from completed works. You should instead store results with the mean of the {{transient store}}.</p> <p>The previous way of querying for queue's counter has been deprecated by a the new API {{org.nuxeo.ecm.core.work.api.WorkManager.getMetrics(String)}} which provide you the consistent set of counters.</p>
NXP-19416	<a href="#">Add a property for not displaying the current live documentation</a>		<p>new config key: "org.nuxeo.apidoc.hide.current.distribution"</p>
NXP-19585	<a href="#">Explorer improvement</a>		<p>new Property:  - `org.nuxeo.apidoc.hide.documentation.view`, hide documentation view if empty.  - `org.nuxeo.apidoc.hide.seam.components`, hide seam component tree section.  - `org.nuxeo.apidoc.site.mode`, Remove uploads / downloads forms, hide seam components and hide documentation view if empty</p>
NXP-17450	<a href="#">Detect MIME type from Nuxeo registry</a>	Configuration Change	<p>From now, when importing files with Drag'n drop, the considered mime type is:  - the one from Nuxeo MimeTypeRegistry corresponding to the file name extension, if found  - the one sent by the browser/OS, if found and consistent  - the one calculated by sniffing in the file content, if found  - the default one: "application/octet-stream".</p>
NXP-20976	<a href="#">Fix file import using nuxeo-platform-importer</a>		<p>Before opening a new session should always check if it's active.</p>
NXP-20977	<a href="#">Fix nuxeo-platform-importer import launch from dedicated web page</a>		<p>add JQuery source</p>
NXP-20978	<a href="#">Fix nuxeo-platform-importer random import from dedicated web page</a>		<p>Added JQuery source</p>

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NXP-19667	Upgrade to ant-maven-assembly-plugin 2.0.6	Configuration Change	<p>The default filtering out of test and provided has changed with the ant-assembly-maven-plugin upgrade to 2.0.6 (see <a href="#">NXBT-992</a>).</p> <p>Before AAMP 2.0.6: <code>&lt;artifact scope="!test" /&gt;</code> meant <code>scope!=test &amp;&amp; scope!=provided</code></p> <p>As of AAMP 2.0.6: <code>&lt;artifact scope="!test" /&gt;</code> means <code>scope!=test</code> as expected. A shortcut to the legacy default behavior is available with <code>&lt;artifact scope="" /&gt;</code> meaning <code>scope!=test &amp;&amp; scope!=provided</code></p> <p>It is recommended to replace that common assembly pattern:</p> <pre>&lt;artifact:set&gt;   &lt;includes&gt;     &lt;artifact groupId="org.nuxeo*" scope="!test" type="!pom" /&gt;   &lt;/includes&gt; &lt;/artifact:set&gt;</pre> <p>with:</p> <pre>&lt;artifact:set&gt;   &lt;includes&gt;     &lt;artifact groupId="org.nuxeo*" /&gt;   &lt;/includes&gt;   &lt;excludes&gt;     &lt;artifact scope="test" /&gt;     &lt;artifact scope="provided" /&gt;   &lt;/excludes&gt; &lt;/artifact:set&gt;</pre>
NXP-19382	Release scripts: allow release branch creation to free master for development		New "branch" command on release.py and release_mp.py.
NXP-20860	Ease Git and Shell actions on multiple repositories at once		<p>New "-h -?" help option for functions in gitfunctions.sh</p> <p>New "-q" quiet mode and "-r" recursive options.</p> <p>New "sh" function.</p>
NXP-21007	The packages release script must be able to reuse release values from other packages		<p>The marketplace.ini file can now use Python variables interpolation.</p> <p>More parameters are dumped in the release log by scripts/release.py.</p> <p>New option "-d" in scripts/release_mp.py for the "default configuration".</p>
NXP-19050	Java Automation Client must handle document update with multi-line string values	Configuration Change	<p>Extra spaces must be removed in properties-like automation operations configuration, for instance:</p> <pre>dc:description = @{{Document['dc.title']}} @{{Context['nextId']}}</pre> <p>should become</p> <pre>dc:description=@{{Document['dc.title']}} @{{Fn.getNextId("myuidseq")}}</pre>
NXP-17370	Large ContentViews are abnormally slow	Configuration Change	<p>Widget templates used in listings should assume that field will not be exposed yet at build time: <code>c:set</code>, <code>c:if</code> tags should be replaced by other JSF tags using the "rendered" attribute, resolved at render time.</p> <p>The following property (contribution to the ConfigurationService) can be set to false to disable corresponding optimizations: <code>.nuxeo.jsf.listings.useRepeatRenderTime</code>. To migrate the behaviour, check upgrade documentation at <a href="https://doc.nuxeo.com/x/VILBAQ">https://doc.nuxeo.com/x/VILBAQ</a></p>
NXP-17590	Add helpers to scaffold a JSF layout	API change	<p>Layout internal API changes:</p> <ul style="list-style-type: none"> <li>- FaceletHandlerHelper API changes</li> <li>- WidgetTypeHandler interface has been changed into an abstract class</li> </ul>
NXP-18175	Allow to use HTML content in tipsy tooltip		Add 'tipsyHtml' css style class on the element if your tooltip content contains HTML
NXP-18954	Add a limit param on SuggestDirectoryEntries for querying directory		A new limit widget parameter to limit number of returned results. The widget conf property is only exposed from 8.2.
NXP-19582	Make the frequency of the select widget configurable		There is now a new "select2_frequency" property on all select2 widgets. This property allows to set a delay in milliseconds before the widget queries the server for suggestion: according to the search typed term. Default value is 300ms.
NXP-18660	Rework liveconnect code	API change	<p>Several changes in BatchUpdateBlobProvider breaks compatibility with code created or LTS 2015.</p> <p>We removed two public method only used internally :</p> <ul style="list-style-type: none"> <li>- getPageProviderNameForUpdate()</li> <li>- getBlobProviderId()</li> </ul> <p>Code of BatchUpdateBlobProvider#processDocumentsUpdate() was moved to AbstractLiveConnectBlobProvider which implements above interface.</p> <p>To upgrade your code :</p> <ul style="list-style-type: none"> <li>- make your classes to extend AbstractLiveConnectBlobProvider which provides implementation of BatchUpdateBlobProvider</li> <li>- remove call to getBlobProvider or implement it in your own code</li> </ul>

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NXP-19992	Automate login page in Server distribution and handle redirection depending on installed UI packages		<p>Remove NuxeoAuthenticationFilter#DEFAULT_START_PAGE, use LoginScreenHelper.getStartupPagePath() instead.</p> <p>Added:</p> <ul style="list-style-type: none"> <li>- StartupPageServlet bound to /startup</li> <li>- LoginScreenHelper#getStartupPageURL(HttpServletRequest)</li> <li>- LoginScreenHelper#getStartupPagePath()</li> <li>- &lt;startupPages&gt; to &lt;loginScreenConfig&gt;, see LoginScreenConfig</li> </ul>
NXP-18496	Unable to create new user with Multi Tenant addon		multi_tenant_user.xsd and multi_tenant_group.xsd schemas have been removed. The 'tenantId' field is now part of default user.xsd and group.xsd schemas.
NXP-20603	Make select2 fields work without the JSF UI		SuggestDirectoryEntry and SuggestUserEntry operations are moved to nuxeo-automation-features (see <a href="#">NXDOC-898</a> )
NXP-20942	Extract document_trash_content to a page provider		'document_trash_content', 'section_content', 'orderable_document_content' have been dissociated from their content view definition and are now standalone page provider available in the server distribution.
NXP-20959	Tree navigation should not rely on children enricher		New Json Enricher 'hasFolderishChild' is available and returns true if the given document has at least on Folderish child document, false otherwise.
NXP-20929	Use the right document URL in notification emails depending on the UI package(s) installed	API change	<p>Added:</p> <ul style="list-style-type: none"> <li>- DocumentViewCodecManager#getCodec(String name)</li> <li>- DocumentViewCodecDescriptor#priority</li> </ul>
NXP-19441	Drive: remove costly and unnecessary calls to hasPermission in FileSystemItem adaptation	Configuration Change	<p>In 8.3 and later, by default, we don't perform the RemoveChildren check on the parent to compute canDelete nor the check on AddChildren to compute canCreateChild. In 7.10 and earlier the previous behaviour is kept.</p> <p>For 8.3 the previous behavior can be re-activated using:</p> <pre>&lt;extension target="org.nuxeo.runtime.ConfigurationService" point="configuration"&gt;   &lt;property name="org.nuxeo.drive.permissionCheckOptimized"&gt;false&lt;/property&gt; &lt;/extension&gt;</pre> <p>For 7.10-HF08 (default value is "false") the new optimized behavior can be activated by using "true" above.</p> <p>For 6.0-HF30 (default value is "false") the new optimized behavior can be activated by using in nuxeo.conf:</p> <pre>org.nuxeo.drive.permissionCheckOptimized=true</pre>
NXP-19482	Drive: Optimize remote scan execution by using a scroll API	API change, Configuration Change	<p>Added:</p> <ul style="list-style-type: none"> <li>- FolderItem#getCanScrollDescendants()</li> <li>- FolderItem#scrollDescendants(String scrollId, int batchSize, long keepAlive)</li> <li>- FileSystemItemManager#scrollDescendants(String id, Principal principal, String scrollId, int batchSize)</li> <li>- The NuxeoDrive.ScrollDescendants Automation operation</li> </ul> <p>To increase the maximum batch size set to 1000 by default use the "org.nuxeo.drive.maxDescendantsBatchSize" configuration property.</p>
NXP-19483	Allow the Nuxeo random importer to generate a non uniform tree	API change	Added "nonUniform" parameter to the /randomImporter endpoint
NXP-19659	Limit number of threads calling DocumentBackedFolderItem#scrollDescendants	Configuration Change	To increase the maximum number of concurrent threads set to 4 by default use the "org.nuxeo.drive.concurrentScrollBatchLimit" configuration property.
NXP-19827	Fix versioning option when no version is needed	Data Persistence Change	<p>Now Drive always send a versioning option, which is useful when an automatic versioning is configured: when a change is recently done, the document is not checked in, but just save as a draft.</p> <p>To retrieve the previous behavior</p> <pre>&lt;extension target="org.nuxeo.runtime.ConfigurationService"   point="configuration"&gt;   &lt;documentation&gt;     Force Drive not to send its versioning option even if no minor/major increase     is needed.   &lt;/documentation&gt;   &lt;property name="nuxeo.drive.force.versioning"&gt;false&lt;/property&gt; &lt;/extension&gt;</pre>
NXP-20696	Conditional bundle installs in packages must use generic dependency management		Upgrade Connect to nuxeo-connect-client 1.4.24.1

Key	Summary	Impact type	Upgrade notes
NXP-20186	<a href="#">nuxeo-vision: Send events once the API has been called</a>		<p>Once nuxeo-vision has handled a Picture, it sends the "visionOnImageDone" event, and once it has handled a Video, it sends "visionOnVideoDone".</p> <p>This allows to trigger event (typically, an asynchronous event) and process business logic after nuxeo-vision has extracted tags or text.</p> <p>A typical example is the following: For a Picture, nuxeo-vision stores by default in dc:source the text extracted via OCR. Adding a listener for "visionOnImageDone" is a good idea if one wants to check for unauthorized words (start a workflow, tag the picture, change its ACL so only an administrator can access it, ...)</p>
NXP-19071	<a href="#">nuxeoctl config must accept a template as an argument to --set option</a>	Configuration Change	<p>The syntax "nuxeoctl config --set somekey" was wrongly equivalent to "nuxeoctl config somekey --set" or "nuxeoctl config --set -- somekey".</p> <p>If you used that syntax, you must change it either moving the option to the end of the line after the command and its parameters, either using the "--" separator between option and command parameters to avoid confusion with option parameters.</p>
NXP-19258	<a href="#">Add nuxeoctl ability to register a new client</a>		<p>New commands:</p> <pre>nuxeoctl register [&lt;username&gt; [&lt;project&gt; [&lt;type&gt; &lt;description&gt;] [&lt;pwd&gt;]]] nuxeoctl register-trial [&lt;email&gt; &lt;company&gt; &lt;project&gt; &lt;description&gt; [&lt;pwd&gt;]]</pre>
NXP-19602	<a href="#">Create a report for Extension Points dump</a>	API change	Upgraded xstream lib from 1.4.6 to 1.4.9
NXP-21152	<a href="#">Don't lookup for a JRE in the registry</a>		JDK must now be used instead of JRE
NXP-16262	<a href="#">REST API: Provide way to load constraints defined on document</a>		New json writers have been enabled and old one removed. A new fetch.schema=fields property allows to return extended schema fields containing validation constraints.
NXP-18239	<a href="#">Blob url for thumbnails malformed in JSON output</a>		<p>7.10-HF08 -&gt; 7.10-HF09 or 8.3+</p> <p>The URL of blobs as found in JSON output when querying nuxeo/api/v1/id/myDocumentId has been fixed regarding the prefix of the property. For example for a thumbnail it was ending with:</p> <pre>/thumbnail:thumb:thumbnail/retrievedFile.png</pre> <p>now it has been fixed to:</p> <pre>/thumb:thumbnail/retrievedFile.png</pre> <p>You should upgrade your code if it was parsing that kind of URL.</p>
NXP-19112	<a href="#">Add pagination to user's groups and group's members in the REST API</a>		<p>The memberUsers and memberGroups field are no longer marshalled in the response on /group/{groupname}.</p> <p>To force the marshalling of memberUsers and memberGroups fields, use respectively fetch.group=memberUsers and/or fetch.group=memberGroups properties in the request. It will keep returning a list of user/group ids (List of string).</p> <p>To fetch the full user or group members of a group (List of users/groups entity), use respectively /group/{groupname}/@members or /group/{groupname}/@groups adapter.</p>
NXP-20296	<a href="#">Allow listing existing vocabulary names in the REST API</a>		You can now declare types on directories. A GET on '/directory' will list the directories that are not system directory. The 'deleteConstraints' can also now be added to the directory core contribution. The directory session will check these constraints on delete.
NXP-18667	<a href="#">Use Environment.getTemp() and nuxeo.tmp.dir</a>	API change	Uses of Environment.getHome() might need to be replaced with Environment.getRuntimeHome() or Environment.getServerHome()
NXP-19839	<a href="#">Add import completed event</a>		a core event named "documentImportedWithPlatformImporter" is fired at the end of the import
NXP-10966	<a href="#">Declare facet BigFolder</a>	API change	New facet: BigFolder
NXP-15785	<a href="#">Upgrade to RichFaces 4.5.12.Final</a>		<p>Upgrade from Richfaces Alpha3 to 4.5.12-Final.</p> <p>Implicit upgrade from jQuery 1.8.3 to 1.11.3 (embedded by Richfaces).</p> <p>Add jquery-migrate-1.4.1.js to make old jQuery plugin work.</p>
NXP-16650	<a href="#">Fix XSS issues</a>	Configuration Change	<p>To enable the feature in 8.10, the property nuxeo.preview.zip.enabled in the ConfigurationService has to be set to true :</p> <pre>&lt;extension target="org.nuxeo.runtime.ConfigurationService"   point="configuration"&gt;   &lt;property name="nuxeo.preview.zip.enabled"&gt;true&lt;/property&gt; &lt;/extension&gt;</pre> <p>To disable it in 7.10, set this property to false.</p> <p>For 5.8 and 6.0, the property has to be defined in nuxeo.conf :</p> <pre>nuxeo.preview.zip.enabled=false</pre>



Key	Summary	Impact type	Upgrade notes
NXP-17702	Fix costly variable exposure mechanism in JSF	Configuration Change	In case of regression on the rendering, the following properties (contributions to the ConfigurationService) can be set to true to disable corresponding optimizations: nuxeo.jsf.removeAliasOptimsReloaded, nuxeo.jsf.layout.removeAliasOptims, nuxeo.jsf.actions.removeActionOptims. To migrate the behaviour, check upgrade documentation at <a href="https://doc.nuxeo.com/x/VILBAQ">https://doc.nuxeo.com/x/VILBAQ</a>
NXP-18651	Add security http response headers and restrict access to error pages heap dump and stack traces		By default the traces are hidden in error pages of Nuxeo. In order to activate the traces display in error pages of Nuxeo, the dev mode has to be set (org.nuxeo.dev in nuxeo.conf or in the admin center.)
NXP-19629	Allow configuration of frame options		nuxeo.frame.options=SAMEORIGIN is the default since Nuxeo 8.3.
NXP-20045	WebEngine must always be called in a transaction		Extension point request-configuration of org.nuxeo.ecm.webengine.WebEngineComponent is now obsolete, a transaction will always be started when calling a WebEngine endpoint.
NXP-18990	Make the workflow rest api support multi valued variables		The only way to post multi value variable to complete a task or start a workflow used to be to submit a string representing an escaped json array (i.e."["user:Administrator"]").  This is now fixed and real array can be posted.  The nuxeo.document.routing.json.format.legacy runtime property allows to accept escaped json array for multi value variables.  Also, `entity-type` field is mandatory on all endpoint parameters
NXP-19640	Migrate Task and DocumentRoute writer to new entity writer		The json serialization of workflow blob variables have changed. The 'url' property is not available anymore. The url to download the blob is provided in the 'data' property instead.
NXP-19668	When calling operation 'Complete task', retrieving participating document(s) that are deleted fails		Only debug logging is backported to 7.10