Release Notes OX App Suite v7.2.0

(2013-04-11)

1.   Packages shipped with this Release

- OX App Suite
  - Version 7.2.0-Rev 4 (built 2013-04-10)

2.   Additional Information

All changes and bug-fixes listed in this release notes have been done subsequent to 7.0.2-Rev 6 (back-end) and 7.0.1-Rev 5 (front-end).

- Requirements for OX Text - Open-Xchange provides a new technical component "OX Real Time" which is necessary to to edit content in a group environment. "Real Time" requires the provided HTTP based connector for the communication between the HTTP server and the backend. This new connector is based on Oracle's Project Grizzly - a NIO and Web framework. Download and configuration instructions are available at http://oxpedia.org/wiki/index.php?title=AppSuite:Grizzly

- With v7.2, Open-Xchange provides a new LDAP Contact Storage Integration Bundle. The new solution is available together with the current LDAP bundle. Open-Xchange will then discontinue support for the current bundle with OX App Suite v7.2.1, planned in May 2013. Further configuration information is available at the Open-Xchange Knowledgebase under: http://oxpedia.org/wiki/index.php?title=ContactStorageLDAP

- Parallels Operations Automation (POA) is an operations support system (OSS) for service providers who want to differentiate their offerings in order to reduce customer churn and attract new customers. It automates the full lifecycle of hosted services and software — from service management and provisioning to customer self-service and data center management. This integration possibility is now supported with OX App Suite v7.2 and Open-Xchange 6 v6.22.2.

- Open-Xchange discontinues Support for Open-Xchange Server v6.20.7 for all Open-Xchange Server Edition and Hosting Edition. As already announced, Open-Xchange will discontinue maintenance and support for Open-Xchange Advanced Server Edition v6.20.7 on November 30, 2013. Customers with a valid OX Advanced Server Edition maintenance subscription will continue to receive security patches until that date. Customers with valid maintenance can change their system to "Open-Xchange Server Edition for Univention Corporate Server" (OXSE for UCS) at any time free of charge. Further information at http://knowledgebase.open-xchange.com/download-install/advanced-server-edition/migration-ase-en.html

3. Bugs Fixed with this Release

Open-Xchange App Suite

Back-End:

15313   Mail folders "confirmed-ham" "confirmed-spam" must be subscribed after every login

Added property
"com.openexchange.spamhandler.spamassassin.unsubscribeSpamFolders" to
'spamassassin.properties' to define whether confirmed-spam/confirmed-ham folders
shall be unsubscribed or not. Default is true.

22619   IE 8/9: Security warning pop up is displayed while adding a Facebook account via the Wizard/'Add Facebook/Twitter' link

Fixed in the meantime.

22867   Under New Folder Subscribe shows two entries for Facebook

Drop obsolete subscription source in JSON layer if returned by queried service.

23408   SIEVE: multiline subjects in vacation notice corrupt sieve files

Closed as invalid in agreement with the customer.

23480   com.openexchange.context.internal.ContextServiceImpl.getContext does not fall back to master, if slaves fails

Fallback to master was already implemented.

23992   Creation and Deletion of folders in Outlook is not reflected or getting delay in front-end

Backend switched completely from former UDP/TCP-based cache invalidation to a clustered one utilizing Hazelcast. Cache invalidation now happens in-time.

24237   Wrong directory for crawler-files

Seems to be fixed in the meantime.

24581   OX cmdline tools still using $JAVA_XTRAOPTS instead of newly introduced $JAVA_OXCMD_OPTS

Using only special Java options for CLTs in all scripts starting some CLT.

24709   log4j bundle is duplicated in different versions packaged

Removed duplicate org.apache.log4j bundle.

24724   The logging interpretability has become unusable since 6.22 for hosting customers

Pass stack trace as separate argument to log routine, rather than appending it into log message.

24853   NPE at InlineImageDataSource

Already fixed in the meantime.

24889   groupware.log: ERROR 'Unknown setting path /modules/mail/contactCollectFolderDeleteDenied.'

Register preference items regardless of enabled/disabled status.

24989   line wrap setting not applied to mails

Added mapping to config-tree <-> JSlob.

25024	'getaccesscombinationnameforuser' does not show updated access combination
	Consider all options when performing hashcode() & equals() methods.
25100	6 updates on replication monitor for one "real" update during login
	Use read-only connection to initialize folder cache stuff.
25129	Embedded pictures are not shown in unified mail
	Build image location with respect to possibly encoded mail identifier.
25141	Files in /tmp/.OX not deleted automatically
	Added central clean-up for possibly uploaded files.
25193	external mail account autoconfig uses wrong settings
	More lenient handling when creating mail accounts by auto-config settings. The autoconfig request also returns all information.
25221	Missing INTERNALDATE item in FETCH response.
	Ignore FETCH responses that miss requested items.
25319	Cannot delete own appointment in shared calendar
	This is expected behavior.
25346	My contact data: not all fields get synced to OX
	Support for all contact field by user JSON interface.
25348	No helpful error message for customer caused / solvable issues
	Check for possible user-sensitive information and adjust category if any found.
25373	OX gets unresponsive and a lot of Unexpected error: sun.nio.cs.MS1252 incompatible with java.lang.String errors in the groupware log
	This is a bug inside IBM Java VM.
25407	Webmail user gets a User unfriendly "A severe error occurred" while trying to share his calendar
	Adjusted category accordingly to let proper error message be displayed to user.
25421	Infostore: Display Name will not be used after setting / changing within the wizard
	Invoke propagateUserModification if use's display name was changed.
25437	Expunging Unified Mail's Trash folder throws error unifiedinbox-2013
	Proper check if specified full name denotes account's trash folder.
25438	Possible to add "All users" and "Standard group" as participant of a task in PIM context
	Duplicate of bug #25438.
25439	Possible to add "All users" and "Standard group" as participant of an appointment in PIM context
	Check proper user configuration permissions whether resources/groups are accessible in participants dialog.
25478	Basic settings - Mail: Insert the original E-Mail text to a reply is not working
	Added entry to 'paths.perfMap' mapping file.
25541	"runupdate" fails to execute
	Dropped unresolvable dependency.

25673	Executing "showruntimestats" fails with hazelcast stacktrace
	Be aware of possibly removed MBeans during iteration in showruntimestats.
25677	"Upload size exceeded" error message isn't shown in logfile but an "IllegalFormatConversionException" is logged
	Fixed translation issue.
25753	Invalid Content-Type Value for PDF
	Sane Content-Type value.

Front-End:

25134	cannot send mail from external mail account
	Fixed server response parsing.
25194	some settings (SSL) for external mail account are not applied
	No longer sending mail_url and transport_url because this is derived data.
25196	Settings from External Email accounts can not be changed
	Fixed in the meantime.
25299	No attachments on iOS
	Enabled uploads for iPad running iOS >= 6.
25464	No possibility to add additional mail accounts manually
	Added possibility to manual add the account.
25526	Unable to save draft
	Fixed bug in reloading the data.
25606	Mailfolder displays about 500 mails only
	Added "Load all" item at the very end of the grid.
25632	Inbox folder should appear first
	Fixed order, Unified inbox first (if enabled), then primary inbox.
25660	Missing indicator for low priority mails
	Added indicator.
25700	email aliases not sorted
	Fixed sorting.
25737	HTML mail with pasted text from MS Word not displayed correctly (cut off at upper edge)
	Fixed a line-height issue.

OXtender for Business Mobility and USM

24437   Reminder shown without a reminder actually set
         Fixed in the meantime.

25182   Serientermine verschwinden auf dem iPhone / iPAD
         Always send all exceptions to iPhone.

25241   RuntimeException seems to generate several thousand new appointments per day
         Do not read exceptions for deleted series.

25322   Several 10000 threads are waiting for one monitor
         Removed synchronization in the SessionStorage when cleaning up old sessions.

25603   Encoding of error messages seems to be broken
         USM now also explicitly sets the charset in its response ContentType-header.

4. Changes applied

4.1. Changes relevant for Administrators

4.1.1. Changes of Configuration Files

Change 1358 - The mDNS bundle is currently only needed if the corresponding cluster discovery service is used

The default value for "com.openexchange.mdns.enabled" is changed from "true" to "false" in the configuration file ""mdns.properties".
Existing properties should be changed according to the installation status of the cluster-discovery packages: if "cluster-discovery-mdns" is installed, it should be set to "true", otherwise it should be set to the new default value of "false".

Change 1359 - Added file 'preview.properties' for preview-specific config options

Added file 'preview.properties' for preview-specific config options.
By now that file offers two properties to specify global context-wise quota for caching of preview documents/images.

Specify the total quota for preview cache for each context
This value is used if no individual context quota is defined.
A value of zero or less means no quota; default is zero
com.openexchange.preview.cache.quota=0

Specify the quota per document for preview cache for each context
This value is used if no individual quota per document is defined.
A value of zero or less means no quota; default is zero
com.openexchange.preview.cache.quotaPerDocument=0

Change 1365 - Added configuration property to disable MySQL master/slave replication monitor

The following additional property is added to the configuration file configdb.properties. This property allows to disable the replication monitor which is not necessary if we want to use synchronous replication of MySQL.

# The following property allows to disable the replication monitor. This option is only useful if you have a MySQL master and slave setup.
# If the application code releases a connection to the MySQL master, a writing operation on the database is assumed. To be able to monitor
# the replication to the slave, a counter is increased after releasing the connection. Reading this counter from the slave indicates, the
# write operation is not replicated yet and instead of a slave connection a master connection is then used to read data. This prevents data
# reading inconsistencies. Unfortunately will this produce additional IO load on MySQL master and slave.
# This mechanism can be disabled with the following property. This saves IO load but it may cause data inconsistencies. Especially newly
# created objects can disappear in the following refresh requests.
com.openexchange.database.replicationMonitor=true

Change 1370 - Added configuration files to specify quotas

Added files that allow the configuration on a context basis for each module (currently tasks, calendar, contacts, and infostore files).

For global server scope there is 'quota.properties' with options for tasks, calendar, contacts, and infostore files. By default all of them are set to "-1" which means no quota limitation:
com.openexchange.quota.calendar=-1
com.openexchange.quota.task=-1
com.openexchange.quota.contact=-1
com.openexchange.quota.infostore=-1

Furthermore there is file 'quota.yml' in subdirectory "contextSets" that allow config-cascade-wise specification of quotas per context. Each section has the same options as mentioned above and also defaulted to "-1".

Change 1384 - Added configuration file 'halo-linkedin.properties' to disable LinkedIn-sensitive Halo operations for unappropriate API key

Added configuration file 'halo-linkedin.properties' to disable LinkedIn-sensitive Halo operations for unappropriate API key.

That file contains option "com.openexchange.halo.linkedin.enabledMailCapableKey" which is set to "false" by default.

Change 1388 - Added property to 'spamassassin.properties' to define whether confirmed-spam/confirmed-ham folders shall be unsubscribed or not

Added property "com.openexchange.spamhandler.spamassassin.unsubscribeSpamFolders" to 'spamassassin.properties' to define whether confirmed-spam/confirmed-ham folders shall be unsubscribed or not. Default is true.

Change 1389 - Added folder option to let default InfoStore folders be labeled with owning user's display name

Added folder option to let default InfoStore folders be labeled with owning user's display name

File 'foldercache.properties' now contains option "com.openexchange.folderstorage.database.preferDisplayName". Default is "false".

Change 1392 - Added tuning options dedicated for web application

Introduced "–XX:NewRation=3". Meaning young generation is sized with 1/4 of the value specified via –Xmx option.

Web- and transactional application leverage from thread-local heap, that is enabled by default for e.g. IBM, but not for SUN. Thus that option is enabled via "-XX:+UseTLAB".

Both options are added to 'ox-scriptconf' file.

Change 1408 - Changed Apache configuration, new proxy entries for /realtime

App Suite 7.2 introduces a new realtime/push framework for which a new namespace was added to OX URLs.

Please add new proxy entries to the apache configuration to map the /realtime and /atmosphere paths to the backend.

e.g.:

```
<Proxy /atmosphere>
ProxyPass balancer://oxcluster/atmosphere
</Proxy>
<Proxy /realtime>
ProxyPass balancer://oxcluster/realtime
</Proxy>
```

4.1.2. Changes of Database Schemes

Change 1360 - Add new table 'preview' for caching of preview documents/images

Add new table 'preview' for caching of preview documents/images.

Change 1363 - Added new tables 'capability_context' and 'capability_user'

Added new tables 'capability_context' and 'capability_user' to store context-sensitive or user-sensitive capabilities through admin.

4.1.3. Changes of Behavior

- none -

4.1.4. Changes of Packaging

Change 1390 - Renamed packages for OX Documents

After removal of the package open-xchange-documents-ui, the entire OX Documents app consists of the package open-xchange-documents-ui-manifest. To align OX Documents with the recommended package naming for other apps, the remaining package is renamed to open-xchange-documents-ui, dropping the -manifest suffix.

To upgrade an existing single-server installation:
- remove open-xchange-documents-ui-manifest
- upgrade open-xchange-documents-ui normally

To upgrade an existing distributed installation:
- remove open-xchange-documents-ui-manifest from the OX cluster
- install open-xchange-documents-ui on the OX cluster
- remove open-xchange-documents-ui from the web server cluster

Change 1401 - Themes and apps with .less files require post-install scripts

To accelerate the login, compilation of LessCSS files was moved from the login process in the browser to the installation process on the backend.

Backend packages for themes and any apps which ship .less files require the following changes:

1. Add "skipLess=1" to the build command in *.spec and in debian/rules:

sh /opt/open-xchange-appsuite-dev/bin/build-appsuite app skipLess=1

2. Add %post and %postun sections to *.spec:

%post
if ["$1" = 1]; then
UPDATE=/opt/open-xchange/appsuite/share/update-themes.sh
[-x $UPDATE] && $UPDATE
fi

%postun
UPDATE=/opt/open-xchange/appsuite/share/update-themes.sh
[-x $UPDATE] && $UPDATE

For multiple binary packages, the %post and %postun sections should apply only to backend packages which contain .less files.

3. Add debian/postinst and debian/postrm containing the same content:

#!/bin/sh
UPDATE=/opt/open-xchange/appsuite/share/update-themes.sh
[-x $UPDATE] && $UPDATE

For multiple binary packages, the postinst and postrm files should apply only to backend packages which contain .less files.

In addition to the above 3 steps, LessCSS files now MUST have the file extension .less to be usable with the 'less' RequireJS plugin (module dependencies of the form 'less!filename.less').

4.1.5. Changes of Libraries/Licenses

   - none -

4.1.6. Changes of Front-End Customizations

All CSS changes and a list of new and changed icons can be found on our wiki page documenting the Theme changes for each version: http://oxpedia.org/wiki/index.php?title=ThemeChanges

4.2. Changes relevant for Developers

4.2.1. Changes of the HTTP API

Change 1380 - New Calendar Action: getChangeExceptions

More efficient retrieval of Change Exceptions of a particular Appointment series.

Parameters:
- session: A session ID previously obtained from the login module.
- id: Object id of the appointment series
- folder: Folder ID of the requested appointments.
- columns: A comma-separated list of columns to return. Each column is specified by a numeric column identifier.

Response:
Response with timestamp: An array with appointment data. Each array element describes one appointment and is itself an array. The elements of each array contain the information specified by the corresponding identifiers in the columns parameter.

4.2.2. Changes of the RMI API

Change 1366 - Added methods to add/remove capabilities for a single context or user

Added methods to add/remove capabilities for a single context or user. (see PT 45317545 "Admin can manage minimal app life cycle")

Class "com.openexchange.admin.rmi.OXUserInterface" is enhanced by method:
changeCapabilities(Context, User, Set<String>, Set<String>, Credentials)

Class "com.openexchange.admin.rmi.OXContextInterface" is enhanced by method:
changeCapabilities(Context, Set<String>, Set<String>, Credentials)

Change 1385 - Added methods to look-up & delete a publication by an URL

Added methods to look-up & delete a publication by an URL.

Introduced new RMI interface 'com.openexchange.admin.rmi.OXPublicationInterface' whose associated implementation is published via RMI naming service.

4.2.3. Changes of the SOAP API

Change 1368 - Added methods to add/remove capabilities for a single context or user

Added methods to add/remove capabilities for a single context or user.

Both SOAP WSDLs "http://<ox-host>/servlet/axis2/services/OXContextService?wsdl" and "http://<ox-host>/servlet/axis2/services/OXUserService?wsdl" are enhanced by "changeCapabilities" method.

Sample SOAP request to add a capability for a certain user:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:soap="http://soap.admin.openexchange.com"
xmlns:xsd="http://dataobjects.soap.admin.openexchange.com/xsd"
xmlns:xsd1="http://dataobjects.rmi.admin.openexchange.com/xsd">
<soapenv:Header/>
<soapenv:Body>
<soap:changeCapabilities>
<!--Optional:-->
<soap:ctx>
<!--Optional:-->
<xsd:id>#context-id#</xsd:id>
</soap:ctx>
<!--Optional:-->
<soap:user>
<!--Optional:-->
<xsd:id>#user-id#</xsd:id>
</soap:user>
<!--Optional:-->
<soap:capsToAdd>myCapability</soap:capsToAdd>
<!--Optional:-->
<soap:capsToRemove></soap:capsToRemove>
<!--Optional:-->
<soap:auth>
<!--Optional:-->
<xsd1:login>#admin#</xsd1:login>
<!--Optional:-->
<xsd1:password>#password#</xsd1:password>
</soap:auth>
</soap:changeCapabilities>
</soapenv:Body>
</soapenv:Envelope>
```

Change 1373 - Added methods to set a module's quota for a single context

Added methods to set a module's quota for a single context.

SOAP WSDLs "http://<ox-host>/servlet/axis2/services/OXContextService?wsdl" and "http://<ox-host>/servlet/axis2/services/OXUserService?wsdl" is enhanced by "changeQuota" method.

Sample SOAP request to add a capability for a certain context:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:soap="http://soap.admin.openexchange.com"
xmlns:xsd="http://dataobjects.soap.admin.openexchange.com/xsd"
xmlns:xsd1="http://dataobjects.rmi.admin.openexchange.com/xsd">
<soapenv:Header/>
<soapenv:Body>
<soap:changeQuota>
<!--Optional:-->
<soap:ctx>
<!--Optional:-->
<xsd:id>#context-id#</xsd:id>
</soap:ctx>
<!--Optional:-->
<soap:module>calendar</soap:module>
<!--Optional:-->
<soap:quotaValue>10000000</soap:quotaValue>
<!--Optional:-->
<soap:auth>
<!--Optional:-->
<xsd1:login>#admin#</xsd1:login>
<!--Optional:-->
<xsd1:password>#password#</xsd1:password>
</soap:auth>
</soap:changeQuota>
</soapenv:Body>
</soapenv:Envelope>
```

Change 1386 - Added SOAP methods to look-up & delete a publication by an URL

Added SOAP methods to look-up & delete a publication by an URL:

http://<host>/servlet/axis2/services/OXPublicationService?wsdl

Providing appropriate SOAP methods:
deletePublication
getPublication

4.2.4. Changes of the CLT API

Change 1344 - Extension of logincounter CLT for more detailed output and elimination of duplicate login counts

Now more complex regular expressions (according to http://dev.mysql.com/doc/refman/5.5/en/regexp.html) are possible to filter the results by specific clients. The login counts are printed along with their according client identifier.

Example output:

Number of logins between
Sun Jan 01 00:00:00 CET 2012
and
Tue Feb 26 00:00:00 CET 2013
for expression
'com.*.dhtml|CALDAV'
with total logins aggregated by users

client:com.openexchange.ox6.gui.dhtml: 10
client:com.openexchange.ox.gui.dhtml: 139
client:CALDAV: 11
Total: 160

Additionally a new parameter "-a, --aggregate" has been introduced. If used, the total login count is aggregated by users to eliminate multiple counts of the same user caused by multiple clients.

Change 1367 - Added methods to add/remove capabilities for a single context or user

Both CLIs 'changeuser' and 'changecontext' are enhanced by two options to specify what capabilities to add or remove:

--capabilities-to-add <capabilities-to-add> The capabilities to add as a comma-separated string
--capabilities-to-remove <capabilities-to-remove> The capabilities to remove as a comma-separated string

Change 1374 - Added method to set a module's quota for a single context

Added method to set a module's quota for a single context.

The CLIs 'changecontext' is enhanced by two options to specify the module and the quota value:

--quota-module <quota-module> The identifier of the module to which to apply the quota value
--quota-value <quota-value> The quota value; zero is unlimited

Change 1387 - Added CLIs to look-up & delete a publication by an URL

Added CLIs to look-up & delete a publication by an URL

Introduced CLIs 'getpublication' and 'deletepublication'. Both CLIs accept an URL string and appropriate credentials

-h, --help Prints a help text
--environment Show info about commandline environment
--nonl Remove all newlines (\n) from output
-A, --adminuser <adminuser> ? master Admin user name
-P, --adminpass <adminpass> ? master Admin password
--publication-url <publication-url> The publication URL

4.2.5.   Changes of the WebDAV API

- none -

4.2.6.   Changes of the GUI-API

- none -

5.   Tests

The OX QA team has verified all bug fixes.

To avoid side effects the packages have gone through automated smoke and regression test on both, the OX Build System and a distributed OX QA server setup.

In addition all bug fixes have been checked for potential side effects or changed behavior. Unless explicitly stated with one of the bug entries above, we do not expect other side effects.

6.   Fixed Bugs

15313, 22619, 22867, 23408, 23480, 23992, 24237, 24437, 24581, 24709, 24724, 24853, 24889, 24989, 25100, 25129, 25134, 25141, 25182, 25193, 25194, 25196, 25221, 25241, 25299, 25319, 25322, 25346, 25348, 25373, 25407, 25421, 25437, 25438, 25439, 25464, 25478, 25526, 25541, 25603, 25606, 25632, 25660, 25677, 25700, 25737, 25753