Open-Xchange Server 6 (OX6)

v6.12-Rev3

Major Release v6.12

Release Notes 1.01

Release Date: 2009-09-15

Table of content

1. About this Release

This is Open-Xchange Server 6 (OX6), major release v6.12.

Warning:
Before installing this version to a production environment, please make sure that you understand the known limitations described in Section 6 of this document.

2. Shipped Packages and Version

2.1. Open-Xchange Server 6

Version: v6.12.0-Rev3 (2009-09-14)

The version number is the same for the groupware server and the groupware front-end.

When reporting bugs, please make sure to include this version number in your bug report.

The version number can be found
a) in the Login dialog
b) in the About dialog (Question icon in the upper right -> About)

2.2. OXtender for MS Outlook

Version: v6.12.1 (2009-09-04)

File name: OXtender_for_Microsoft_Outlook_<language>_6.12.1.msi

When reporting bugs, please include the version number in your bug report.

The version number can be found
a) in the splash screen when starting Outlook
b) Extras -> OXtender for MS Outlook -> About

2.3. OX Client Updater

Version: v6.12.0 (2009-09-14)

File name: OXUpdater_<language>_6.12.0.msi

3. New Features

3.1. Open-Xchange Server 6

New Concept: Social OX

- Publication of InfoStore folders (Beta)
- Subscribe to Facebook© and Google Mail©
- User can change publication templates (Beta)
- Crawler for subscriptions are configurable by Administrators (Beta)

Improved team view

- Creating of appointments within the team view
- Improved view of working time within team view
- Period time of team view is changeable
- Information hover for the team view

Various new Features

- Save e-mails as .eml on hard disk
- Export of contacts from private- and public folders
- Import of contacts and appointments to all folders
- Added restrictions to contact search
- New default confirmation status settings
- Creating of appointments without personal attendance

Usability Improvements

- Location displayed with appointment titles
- Panel minimization to two lines
- Improved mini-calendar interaction with calendar views
- Additional themes and new default theme
- Improved use counter for auto–complete function

New Backend-, Functions- and Strategic-Behavior

- Administrator can change default conflict setting

- Automatic search in dialogs can be switched off

- Minimum number of characters for type-ahead search

- LDAP content available in auto complete and search

3.2. OXtender for MS Outlook

- Redesign of the OXtender user interface

- New installer with update function available

- Administrator can activate/deactivate setting-plug-ins

- System information directly at the product

- Administrator can deploy additional language packages

For details please refer to the "v6.12 Feature Overview" document.

4. Major Changes

4.1. For Developers - API Changes

4.1.1. RMI

Change #122 – Switch to enable/disable the EAS-module (Business Mobility)

To enable/disable access to the new EAS module (OXtender for Business Mobility) we have to add a module permission for EAS. The permission manifests as:
- a new switch in the Admin CLT
- a new field in the RMI (and SOAP presumably) UserModuleAccess Objects
- a new bit in the UserConfiguration class
- a new entry in the GUI Configuration tree (under modules / interfaces / eas)

No side effects are expected, since this is an extension of the existing APIs.

4.1.2. CLT – Command Line Tools

See Change#122 under RMI

4.1.3. HTTP-API Changes/Extensions

Change #111

The two following configuration parameters have been introduced for the configuration tree

```
/ajax/config/modules/calendar/defaultStatusPrivate
/ajax/config/modules/calendar/defaultStatusPublic)
```

These parameters hold the confirmation status for newly created appointments. Their default is 0 ("none" or rather "waiting").
This does not affect the status for appointments by the current user himself, where the status defaults to "accepted".

Change #121

To implement a new feature "User views appointment information when hovering in the team view or availability view", a new parameter has been introduced:

The field "folder_id" has been added to the response body of the Free/Busy-Request for appointments. This field is only set, if the user has the right to view the corresponding appointment. This field is used to load additional information about the appointment.

This has no side effects, because the old behavior is still present. For existing applications the new field may just be ignored.

4.1.4. WebDAV/XML - Changes/Extensions

Change #103 – Version servlet will now return a Version-String, not a numerical value any more

Starting with 6.10 we've started unifying our version naming scheme. As stated in Bug 14082 (http://bugs.open-xchange.com/cgi-bin/bugzilla/show_bug.cgi?id=14082) this new convention is not followed by the webdav.version servlet, that practically all clients use to find out the server version. In order to apply the unified versioning scheme the version number returned by that servlet would have to change.

Expected side effects:
Originally a numerical build number was provided by that servlet, so when changing that to our new versioning scheme clients relying on the version to be an integer number (comparable by the customary arithmetic comparators) will probably fail with an error or will have to be updated to understand both the new and old versioning schemes.

4.1.5. Changes of Front-end Customizations

n/a

4.1.6. MAL – Mail Abstraction Layer

n/a

4.2. For Administrators

4.2.1. DB Schema Changes and Update Tasks

This section documents the most important changes in the database schema and the respective update tasks. For a list of the update tasks available please check the configuration file "updatetasks.cfg".

This chapter describes all tasks that are executed to change the schemata of Open-Xchange database.
The update tasks for version 6.10 skip the schema version numbers 35 to 39 to leave some space for update tasks for SP5 version. Additionally update tasks are extensible starting with version 6.10 through OSGi services. Therefore update tasks written by Open-Xchange use even schema version numbers to provide the space to add update tasks in between Open-Xchange update tasks by using odd version numbers.

Change #114

Bug #14178 "User management broken when using non ASCII chars in user names" required the following change:

The login name of the user must be distinguished in the database to resolve login names User and Üser. Therefore the collation must be changed to utf8_bin because the current collation returns true if User and Üser are matched.

COLLATION is changed from utf8_unicode_ci to utf8_bin on column uid of table login2user. This is done by a database update task. Additionally the update task is registered in the updatetasks.cfg configuration file.

Change #115

The enhancement request reported in bug #13418 "Customer specific folder names in Outlook" required the following change affecting the customization for the OXtender for MS Outlook.

The change now enables hosting providers to set custom folder names (e.g. "OX Public Folders" -> "TestCo Public Folders"). The MSI-packages can now be customized such that registry entries on the client platform will be set accordingly. For details please refer to the OXtender themeability documentation.

Change #129 – Update task to be repeated

The fix of bug #14178 (user management broken when using non ascii chars in user names) requires the update task to run again for 6.12 because the schema creating script did not contain the fix for 6.10.

4.2.2. Changed Configuration Files and Defaults

Change #104 – New Config Parameter for Conflicts with recurring Full-Day-Appointments (e.g. Birthdays)

The fix for bug #11210 required a new config parameter to define the time range for recurring full-day appointments to conflict. With the new parameter the search range for possible conflicts for appointment series can be limited to one year in the future. New config parameter:

```
# com.openexchange.calendar.seriesconflictlimit
#
# This boolean option switches on/off the limitation for the
# conflict search for a series to 1 year in the future. This
# means, that a new/changed series will not conflict with
# appointments which are later than one year after the
# creation/change of the appointment.
#
# Default value:
# com.openexchange.calendar.seriesconflictlimit=true
```

Change #109 – Switch for Conflicts of undefined Appointments

A server-wide parameter has been introduced to define whether an appointment should conflict for a user if he has not yet accepted or denied the appointment:

```
# com.openexchange.calendar.undefinedstatusconflict
#
# This boolean option switches on/off the, if an appointment
# should conflict for a user if he/she has not yet accepted
# or denied the appointment.
#
# Default value:
# com.openexchange.calendar.undefinedstatusconflict=true
```

The default value reflects the current server implementation.

Change #116 – New Config File "crawler.properties" and Subdirectory

A new configuration file named "crawler.properties" is needed to set the path to the Yaml-files containing the different crawler descriptions. Also a new subdirectory to the main configuration directory named "crawlers" is needed to contain the different Yaml-files.

Change #125 – Address of admin to revoke publications

The fix of bug #14311 required a contact address for the server administration in case a publication needs to be revoked.

Added new property PUBLISH_REVOKE to server.properties - this is the address of an admin able to revoke publications.

Change #131 - Configuration option to turn off IP check for session validation

A new configuration parameter has been added to server.properties:

On session validation of every request the client IP address is compared with the client IP address used for the login request. If this
configuration parameter is set to "true" and the client IP addresses do not match the request will be denied and the denied request is logged with level info. Setting this parameter to "false" will only log the different client IP addresses with debug level.

WARNING! This should be only set to "false" if you know what you are doing and if all requests are secure - requests are always encrypted by using HTTPS.
com.openexchange.IPCheck=true

The path to server.properties has been removed from system.properties configuration file. server.properties is now read through ConfigurationService.

4.2.3. Changes in Packaging/Bundles

Change #117

Opposed to v6.10 the crawler implementation changed in a major way. The two bundles c.o.subscribe.linkedin and c.o.subscribe.xing are no longer needed. With v6.12 their functionality will be provided by c.o.subscribe.crawler.

Change #124 – New parameters for new Virtual Folder API

In preparation to supporting the concept of "Virtual Folders" the new virtual folder API needs a cache layer. The cache is configured by additional cache regions defined in cache configuration file @confdir@/cache.ccf

The new cache regions "GlobalFolderCache" and "UserFolderCache" have been added.

Change #127 – MIT license used

With v6.12 a new plug-in "Facebook Crawler" has been introduced. The Facebook crawler uses the inofficial Java-API which is under the MIT license. For details about the MIT license please refer to
http://code.google.com/p/facebook-java-api/

4.3.   For End Users

Links

The function links groupware objects has rarely been used and has been re-moved with major release v6.10.

Change #118 - Moving Serial Appointments in Outlook to other folders

The Open-Xchange Server does not support moving recurring appointments to other folders. Attempts to do so in Outlook may lead to unpredictable effects. With OXtender for MS Outlook v6.12.x , the user now gets an error message: "It is not possible to move a serial appointment into another folder" and the serial appointment will get reverted to the original folder.

4.4.   Early information about major release v6.14

Open-Xchange will replace its current user documentation and online help. This is planned for major release v6.14, scheduled for November 2009, i.e. the re-lease after release v6.12

Features and advantages of the new user documentation:

The new user documentation is written with the goal to enable the user to easily getting started. Furthermore it intents to provide an improved assistance when using the groupware features for the daily work. This is true for both the PDF manual as well as the online help.

This goal is reached with the following means:

The groupware functions are described from the user's point of view and not from the software's point of view. Benefit: an easy access to the groupware functions.

Instructions are described in a step-by-step manner like a typical user would perform them. Benefit: Even more challenging actions can be easily be followed.

Prior to each instruction all information, needed for accomplishing the goal, are provided. If need be, more detailed information or related instructions can be found by following the provided links. Benefit: The user finds all information and instructions needed for reaching a particular goal in one place.

The groupware UI is described by using a combination of screen shots and ex-planatory tables. Benefit: a quick overview of the UI elements and the respective functions.

All information and instructions can be found with both the table of contents as well as the index. This way each user can individually search for, and quickly find the desired information.

Preliminary samples of the new user documentation are available on
http://software.open-xchange.com/OX6/doc/
in German and English.

5. Bug Fixes

Here is a list of fixes for bugs reported by customers and partners:

Bug No	Sev	Description
14232	cri	Answering mails and saving them as draft will remove original from Inbox
14264	cri	High SQL load with very long running queries on prg_contacts table
14276	cri	Fehlermeldung: Ungültiger Nachrichten-Header: Expected ';', got "boundary"
14298	cri	Cannot find mail account with identifier 0 for user 3 in context 5955
13628	maj	Changing a task several times freezes IE browser
13782	maj	Email invitation does not work when email3 is used
14211	maj	"Mail account is not a number:" after Update to 6.10
14217	maj	Display names in e-mail, containing umlauts and comma, are not quoted
14272	maj	User deletion fails with permission errors
14425	maj	Mails are not shown in GUI - "String index out of range"
11406	nor	Week view displays recurring appointments twice
14038	nor	User can create subfolder in public InfoStore but can't delete it
14198	nor	Recurrence of serial appointment can not be deleted
14207	nor	Wrong exit code from init script if you stop an already stopped service
14210	nor	Using "--access-infostore off" deactivates option "Send as link"
14246	nor	Links, containing umlauts, are not displayed correctly within mail module
14307	nor	Translation into German under IE6 not complete
14337	nor	Importing iCal appointments with option "CLASS:CONFIDENTIAL" not possible
14401	nor	Config jump "E-Mail Control Panel" doesn't start under IE8
14445	nor	context admin gets "Error: Module 'system' is unknown in context" when granting permissions on Infostore
10638	min	Repositioning of the mini calendar after drag and drop
12503	min	Shared calendar: You do not have the appropriate permissions to modify this object
14295	min	"Send as link" for mail folders should be removed
13418	enh	Customer specific folder names in Outlook

To learn about all 230+ fixes coming with this version, please refer to the change log files provided with the software packages.

6. Known Issues

6.1. Open-Xchange Server

6.1.1. Functional Limitations

The following features are still in Beta with limited production quality:
- Publish Subscribe of Address Books
- Publish Subscribe of InfoStore entries
- Unified inbox for multiple mail boxes

The confirmation status for recurring appointments can only be set for the complete series, not for individual appointments of the series.

6.1.2. Known bugs of Severity blocker, critical, or major

Bug-No	Module	Severity	Subject
12942	Groupwar	maj	Updates to the calendar are not always updated at the client due to outdated object data sent by the server. This will be fixed with the upcoming major release v6.14 scheduled for November 2009.

6.2. OXtender for MS Outlook

6.2.1. Functional Limitations

Task Delegation

To avoid the unpredictable effects from the task module, task delegation had to be switched off for the OXtender for MS Outlook. All tasks fields will be replicated to/from Outlook. Though for using the task delegation feature you need to switch to the OX web front-end.

[MS Outlook 2003] Appointment confirmation

In MS Outlook 2003 we have seen deadlock situations after confirming an appointment or checking an appointment's status page. When closing the MS Outlook window, the Outlook application may reside in memory. If situations occur, the user can close Outlook using the system's processes window.
We strongly recommend updating to MS Outlook 2007 where this effect has been fixed.

[MS Outlook 2003] Moving an appointment to another day not possible

Due to a caching problem in Outlook 2003 it is currently not possible to drag an appointment to another day if the appointment has another participant.
We strongly recommend updating to MS Outlook 2007 where this effect has been fixed.

6.2.2. Known bugs of Severity blocker, critical, or major

- none -