Open-Xchange App Suite

Minor Release v7.8.1

Feature Overview

V1.04

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1   OX App Suite v7.8.1

1.1   Intention of this Document

This document provides an overview of the new web frontend features, backend improvements and other changes that come with this minor release of OX App Suite, v7.8.1.

1.2   Key Benefits of OX App Suite v7.8.1

The main focus of this release is to improve the web frontend design and provide usability enhancements for all applications. With OX App Suite v7.8.1 Open-Xchange has again made significant improvements to the overall design, improving navigation, optimizing workflows and helping users maximize the benefits of the OX App Suite interface.

These enhancements are also available to users outside the OX App Suite environment when working or collaborating with an OX App Suite user. The ability to experience OX App Suite without having an account should help drive further adoption of the product.

It should be noted that enhancements to general design and navigation aim to help users maximize the benefits of OX App Suite. These updates can be seen in all applications in OX App Suite.

Client Onboarding Wizard

OX App Suite v7.8.1 now comes with an advanced wizard that lets OX App Suite users easily configure their mobile and desktop devices. End-users can now configure any supported device by simply selecting the desired device and choosing the operating system for that device, the wizard then automatically completes the configuration.

OX Mail Improvements

OX App Suite 7.8.1 provides several updates for OX Mail inside the web frontend. One new feature is the quick-reply function. This function is designed to provide a

very quick and easy reply mechanism situated above the subject line of an email. Additionally, Open-Xchange has improved the general usability of mail list browsing.

OX Calendar Improvements

The OX App Suite 7.8.1 web frontend Calendar now provides the ability to create follow-up meetings with a single click. As many meetings result in followup meetings this functionality provide a simple solution to this workflow requirement.

Upsell Support

The OX App Suite 7.8.1 web frontend also comes with many new technical and customer oriented enhancements. This includes the next level of upsell inside the web frontend.

2   Client Onboarding Wizard for Mobile Apps / Clients

2.1   Client Onboarding Wizard at a Glance

OX App Suite v7.8.1 now comes with an advanced wizard that lets OX App Suite users easily configure their mobile and desktop devices.

This was frequently requested, as in the past, Open-Xchange only provided a download link of mobile apps inside "User settings". With this release end-users now have access to a new wizard that gives them a choice of how to configure their device/smartphone:

- EAS, CalDAV/CardDAV, IMAP/SMTP configuration profiles for supported devices (iOS, OSX). These profiles can either be downloaded/installed on a supported device or sent via email/SMS to that device.

- Access to the manual configuration details for setting up EAS; CalDAV/CardDAV, IMAP/SMTP clients. (iOS, OSX, Android)

- Download the OX App Suite mobile apps (Drive, Mail) from the Google Play Store or Apple Appstore as appropriate.

- Download the OX App Suite Desktop Apps/Clients from the OX App Suite web frontend (Outlook Updater, Drive)

This wizard makes it much easier, and reduces errors, when installing and configuring OX App Suite devices.

Please note: The onboarding wizard is not activated by default. Further information is available at:

http://oxpedia.org/wiki/index.php?title=AppSuite:Client_Onboarding

## 2.2   Removal of the Current Download Section

With the new onboarding system, the current download section, found in user settings, is not longer required. With OX App Suite v7.8.1 this section will automatically be removed if the new onboard wizard is activated. The new wizard can be configured with the current download links to apps and clients.

2.3   Take OX App Suite with you!

If the onboarding wizard is activated in OX App Suite v7.8.1, then the wizard trigger button is displayed in the setting menu. By default it is called "Connect your device", but this is customizable in the onboarding wizard configuration.
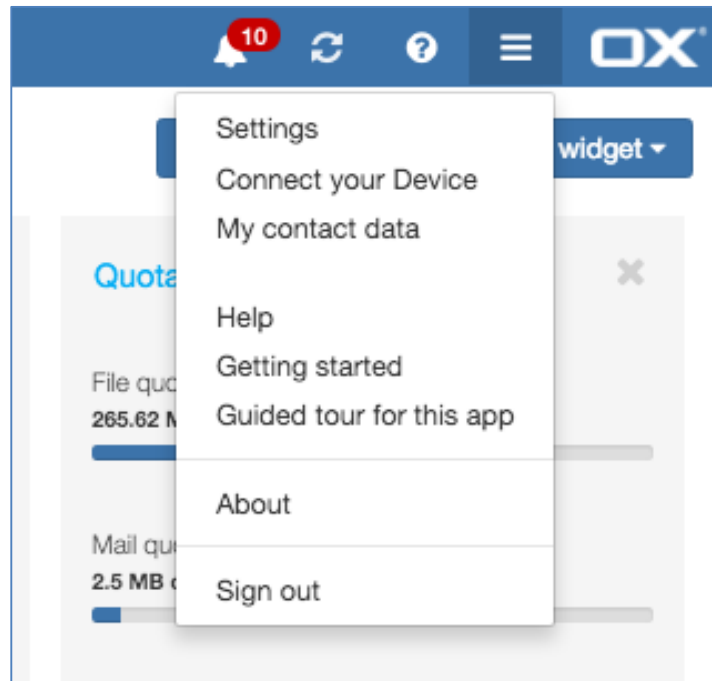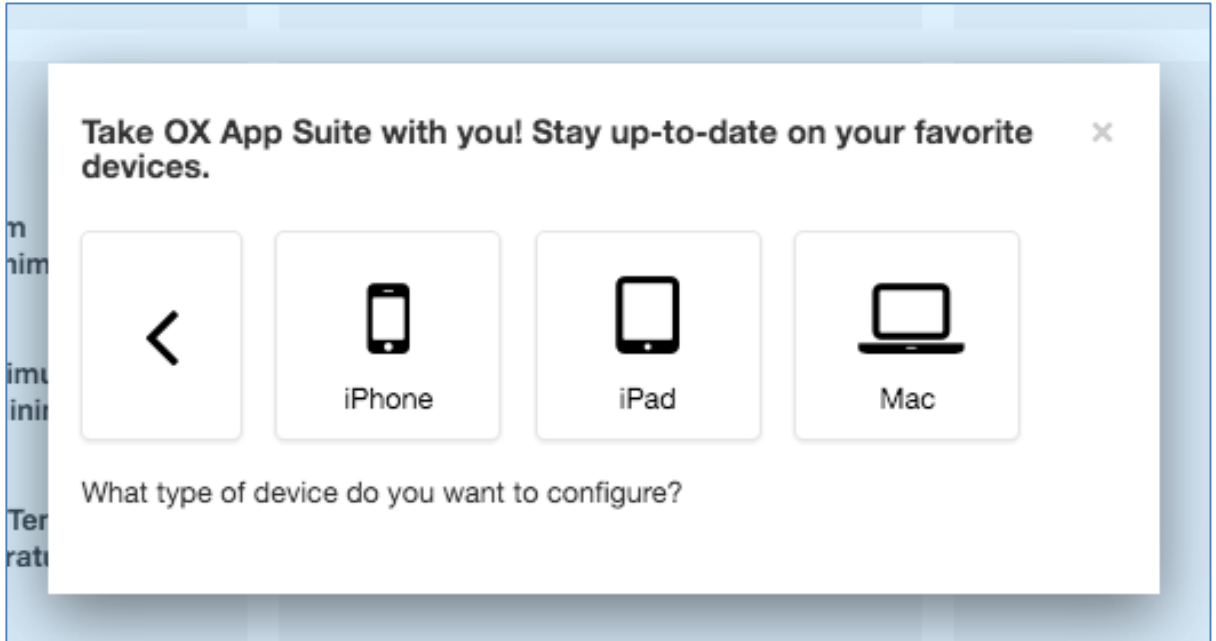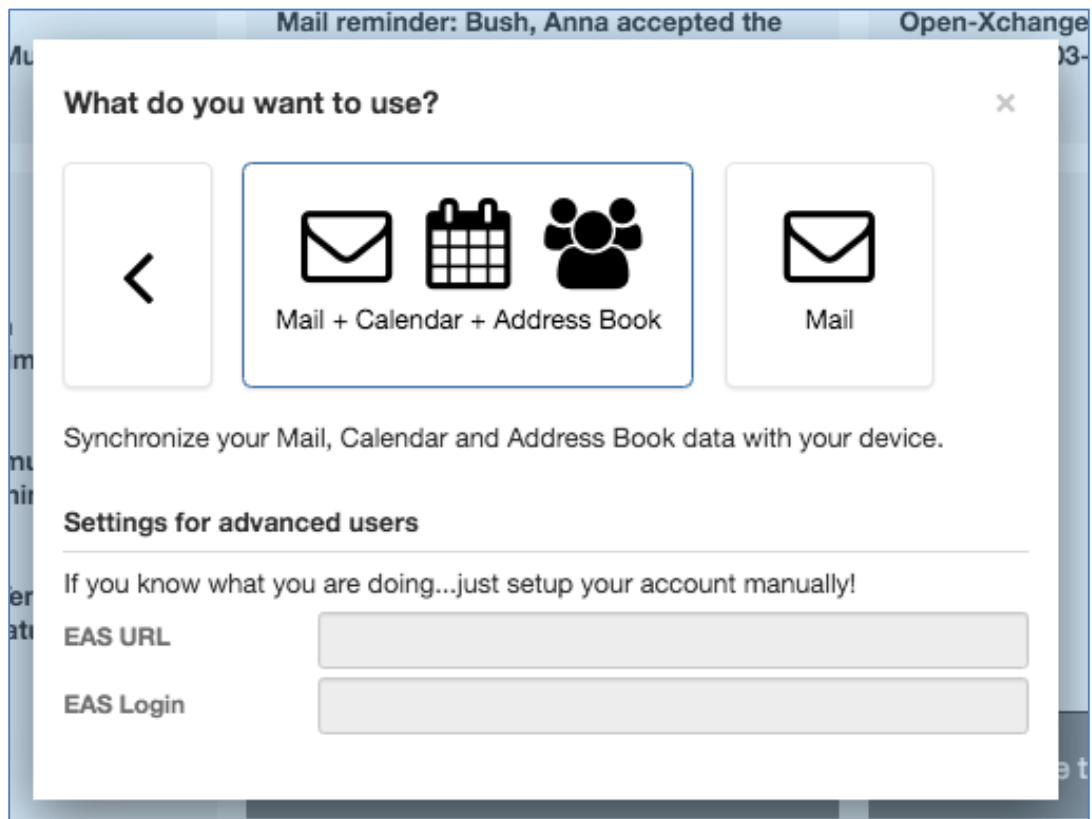

If the user clicks on this menu entry then the onboarding wizard will start.
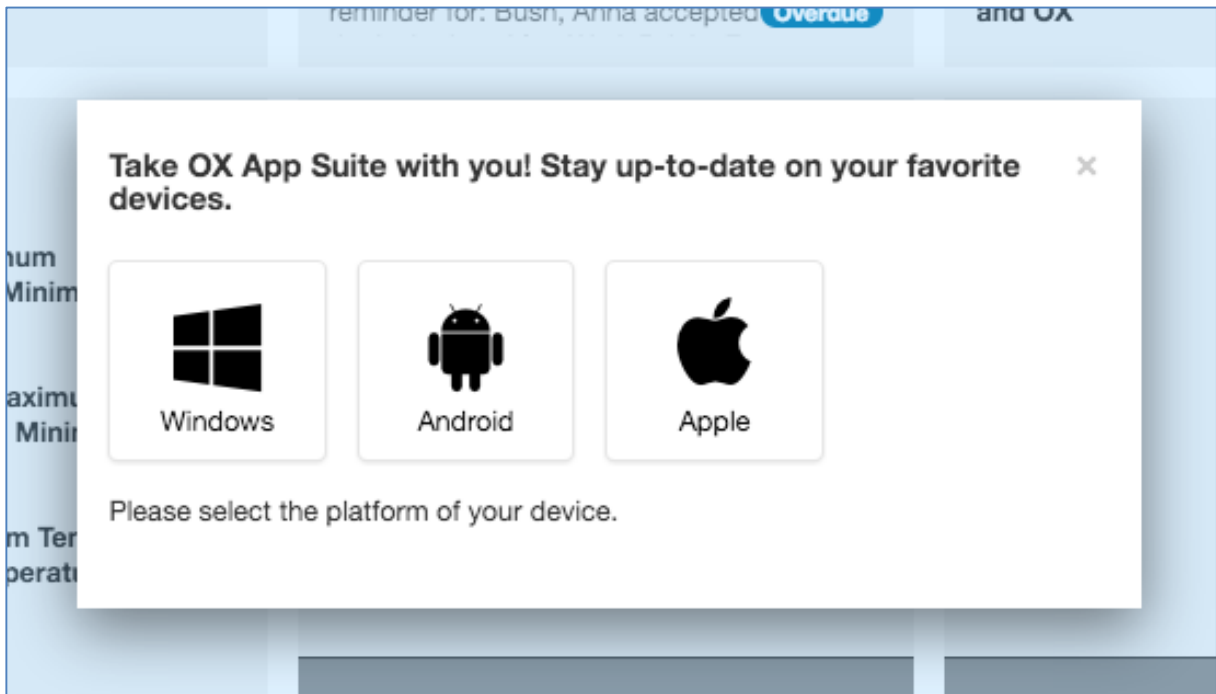
Inside the wizard the user can choose which app device they want to configure. The wizard will then display the different mobile, or desktop, systems that are available to the user.

The next step is to choose the device type for the application.

One of the main benefit of this is to automatically configure the device with the user credentials that are present in the current web frontend.

Finally links are also provided for applications that can be download from their respective app stores. These too are available in the onboarding wizard. These links can also be customized.

3　OX Mail Enhancements and Design Updates

3.1　Quick-Reply Function

OX App Suite v7.8.1 now comes with a quick reply feature in the OX Mail web frontend. It can be found in the email header and is called "Quick reply".
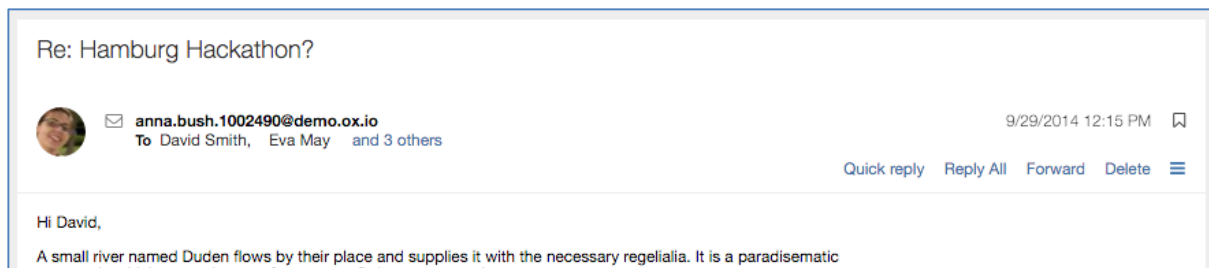
This function is designed to provide a quick and easy answer capability. It is plain text and appears above the main message, or thread, and has no options other than "Send" and "Cancel".
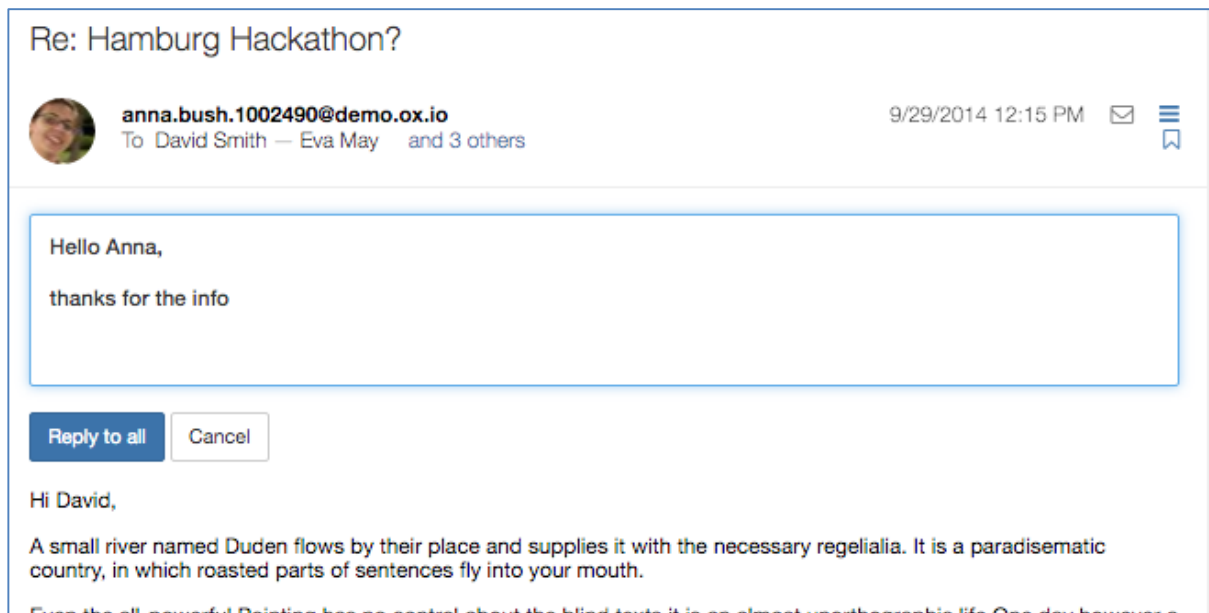
3.2　Improvements for Mail List Browsing

Based on customer feedback we have now implemented new features into mail list browsing. With this version of OX App Suite, Open-Xchange introduces split-level

page sizes to accelerate browsing the list. This means that the initial page size is 50 mails, increasing to 200 mails page size thereafter. Both settings are configurable.

To help with email "house-keeping" activities, the right pane will now offer some new inline actions during a multi-selection of emails. For example "Move all messages in the folder" as opposed to just the messages that are current highlighted, and delete all messages too.

The following enhancements are implemented:

- Primary page size (default): 50

- Secondary page size (default): 200

- Preloaded next page at 80% scroll position for an infinite scroll experience

- Inline actions shown during multi-selection

- Link label shows the total number of messages

3.3 Plain-Text Mails are Auto-Wrapped

In OX App Suite v7.8.1 the user setting of 80 characters for text wrapping has now been removed. The reason for this is that with the adoption of smaller screen devices, like smartphones, this sort of wrapping did not display well and is now redundant.

3.4 Web Frontend remembers Attachment View

In the previous versions of OX App Suite, if a user sends an email, the OX Mail web UI provides two modes to display attachments: One is the list view; the second is the displaying of attachments in a thumbnail view.

If the user switches from one display option to the other, the web fronted does not remember this setting after a reload or re-login to the web frontend.

This behavior has now been changed and now the web frontend will automatically store/restore the viewing preference.

3.5   Deactivation of Mailto and Native Notification Handler

If a user wants to deactivate the mailto and native notification handler inside OX Mail, there is now a new user setting to deactivate this functionality.


3.6   Removed Archive-Button if Function not activated

If the archive functionality of OX Mail isn't activated (capability archive_emails), users will no longer see the archive button in OX Mail. Also the setting for this feature is no longer visible in the user configuration section if the capability is not activated.

4 General Improvements and Design Changes

4.1 Creation of Follow-up Appointments

With OX App Suite 7.8.1 the Calendar now allows users to create follow-up meetings with a single click. As many meetings result in followup meetings this functionality provides a simple solution to this workflow requirement.
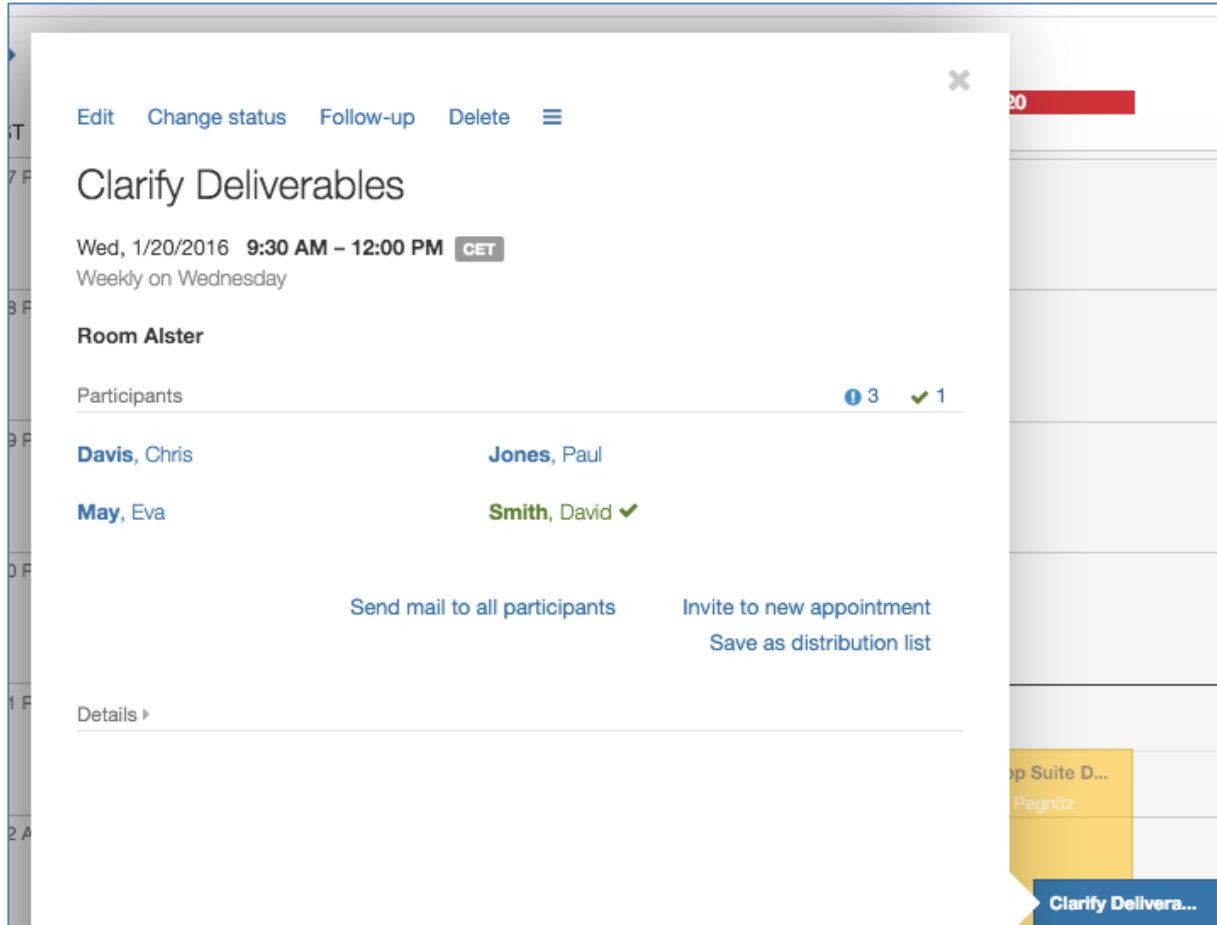
After a user clicks on "Follow-up" the appointment creation dialog will be shown with the following fields pre-filled:

- Subject

- Location

- Description

- Reminder

- Appointment Color

- Date and time is preset to either the current date and time or, if the appointment was in the past, to the same time and the first same day in the future.


Please note: Recurring information and Attachments will not be prefilled in the follow-up appointment creation dialog.

4.2   New Guided Tour for OX Drive

With OX App Suite v7.8.1, OX App Suite users now get an improved introduction to OX Drive inside the web frontend. OX Drive, our integrated cloud storage app, provides users an online stored facility.

The updated tour provides new description texts, easier location of the tour and an improved tour experience.
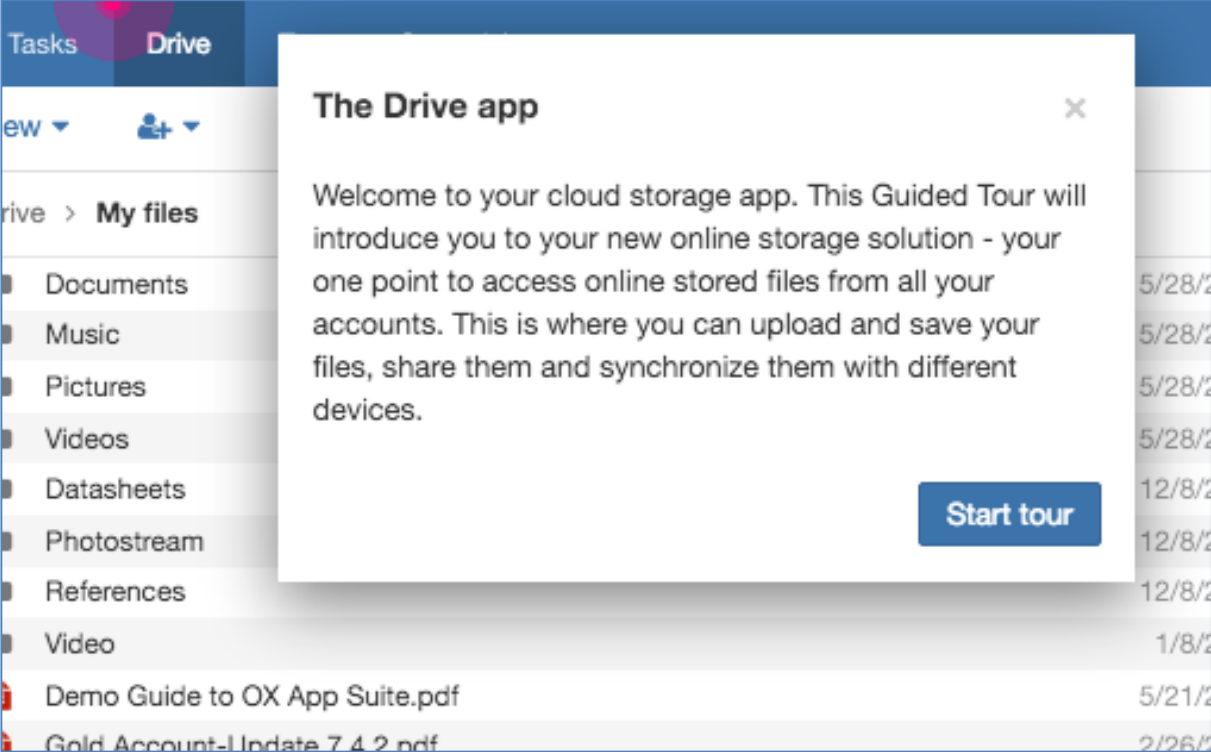
4.3   New Icons for OX Drive Folders

The OX Drive web frontend provides default folders in the OX Drive folder tree. To provide better visibility this new version of OX App Suite now displays updated icons for the standard folders such as "My files", "My shares" and "Trash".
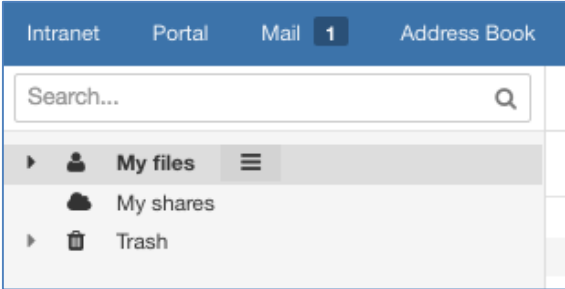
4.4   Search Contacts by Departments

This version also provides updates to the built-in search feature for. In OX Contacts it is now possible to search contacts by departments. This feature is configurable.

4.5   New Upsell-Triggers Inside OX App Suite
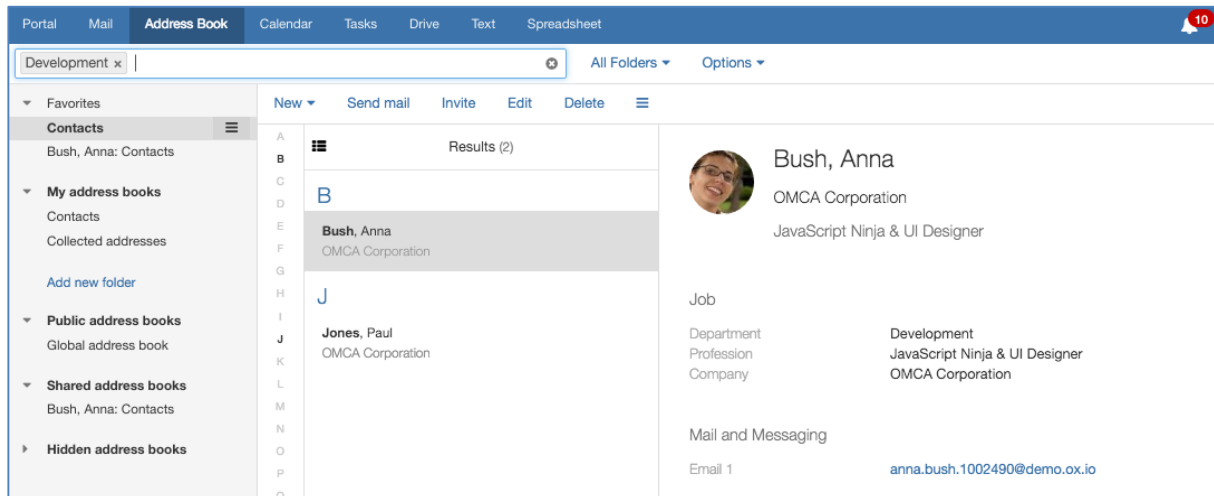
OX App Suite v7.8.1 extends the upsell-trigger support with new triggers that can be activated in the configuration files.

To add an upsell message in all OX App Suite modules, Open-Xchange has added a textual trigger in the bottom toolbar below the folder view. The new trigger has the same customization options (text, icon, color) as the current upsell options for OX App Suite v7.8.0. New triggers web frontend triggers can be found in the following apps:

- Mail
- Contacts
- Calendar
- Drive

The new upsell-triggers also work with the responsive designed web frontend for mobile devices.

Additional documentation can be found at:

http://oxpedia.org/wiki/index.php?title=AppSuite:Upsell

4.6   OX App Suite Metrics

In OX App Suite v7.8.0 Open-Xchange extended the UI stack with an updated framework that gives customers access to usage/click data from the OX App Suite user interface and its components.

The framework acts like a proxy-layer between the OX App Suite events and a chosen tracking solution (this can differ between customers and deployments). By default the metrics/analytics framework works with PIWIK (the analytics backend). If a different backend is required for analyzing metrics, customers can either write their own plugin, or request a custom plugin to be built via the Open-Xchange sales team.

This metrics framework means that customers can now see how their end users are actually using OX App Suite and based on these real life metrics formulate new marketing and sales plans.

OX App Suite v7.8.1 now provides information about the usage of used/mounted 3rd party storage such DropBox, Box.com, etc.

Additional documentation can be found at:
http://oxpedia.org/wiki/index.php?title=AppSuite:Metrics

5 Administration, Technical Extensions, Plug-ins, etc.

5.1 Colored Appointment Folders Synced via CalDAV

OX App Suite v7.8.1 has improved the appointment folder sync via CalDAV. The new version supports syncing of colors of calendar folders to enhance the mobile and desktop experience.

Please Note: This requires synchronizing with Android Clients and Apple Mac OS X calendars that support colors.

5.2 Appointment Attachment Synced via CalDAV

With OX App Suite v7.8.1, the Open-Xchange server now has support for synchronizing appointment attachments via CalDAV. Attachments are included as, so-called, managed attachments in iCal data, which are basically, ATTACH properties whose value is a link to the attachment's binary data on the server. More details relating to this topic can be found at:

https://datatracker.ietf.org/doc/draft-daboo-caldav-attachments

More information is available from Open-Xchange at:

http://oxpedia.org/wiki/index.php?title=CalDAVClients#Attachments

5.3 CLT to interact with the management for OAuth clients

As well as the possibility of provisioning OAuth clients via SOAP and RMI, an OX App Suite 7.8.1 administrator now has the ability to use command line tools for provisioning.

The admin can use their shell on the OX App Suite server and can manage the OAuth clients via the command line tools, in the same way they would with SOAP provisioning. The following is now possible

- Registering

- Unregistering

- Updating OAuth clients

Further information is available at:

http://oxpedia.org/wiki/index.php?title=AppSuite:OAuth_2_0_Provider_Operator_Guide

http://oxpedia.org/wiki/index.php?title=AppSuite:OAuth_2_0_Client_Developer_Guide

5.4   Improved IMAP Authentication Bundle

Open-Xchange has introduced a new property called "USE_FULL_LOGIN_INFO_FOR_USER_LOOKUP" to the file 'imapauth.properties' in the IMAP authentication bundle. This defines whether the full login string is supposed to be used to look-up a user; e.g. use "jane@somewhere.org" instead of only "jane".

Please Note: The default setting is false

Further information is available at:

http://oxpedia.org/wiki/index.php?title=Authentication_IMAP_Plugin_description

5.5   Using MySQL FULLTEXT Index for Auto-Complete

With Open-Xchange Server v7.8.1 the MySQL FULLTEXT index is now available for retrieving auto-complete results. In order to use this capability an appropriate MySQL version needs to be in place. FULLTEXT indexes are supported from MySQL v5.6.4 (see http://dev.mysql.com/doc/refman/5.6/en/fulltext-restrictions.html for details).

Once enabled, an appropriate index is created on the 'prg_contacts' table automatically and is then used to serve the "find as you type" auto-completion requests in a more efficient way.

Further information is available at:

http://oxpedia.org/wiki/index.php?title=AppSuite:MySQL_Fulltext_Index