



Open-Xchange App Suite

Minor Release v7.6.1

Feature Overview

V1.5

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1 Objective of this Document

This document provides an overview of the major new features coming out in the OX App Suite v7.6.1 minor release.

The objective of this document is to help Open-Xchange customers and partners understand the logic behind these features and changes, especially the reason for enhancements in usability.

1.1 Adjusting the Design Paradigm

Following the release of OX App Suite v7.6, with its updated user interface, Open-Xchange presents the next update to the OX App Suite web frontend. This includes many enhancements to the in-app search and a new folder-tree design.

Flat design is not specific to the web – it works for operating systems and other native applications too. In OX App Suite v7.6, and now v7.6.1, we adjusted some of our design principles to provide a better contemporary design. This means we have relaxed some constraints and do not have to be so *web-esque*: *Flat* is enough. In this document we highlight some of these changes.

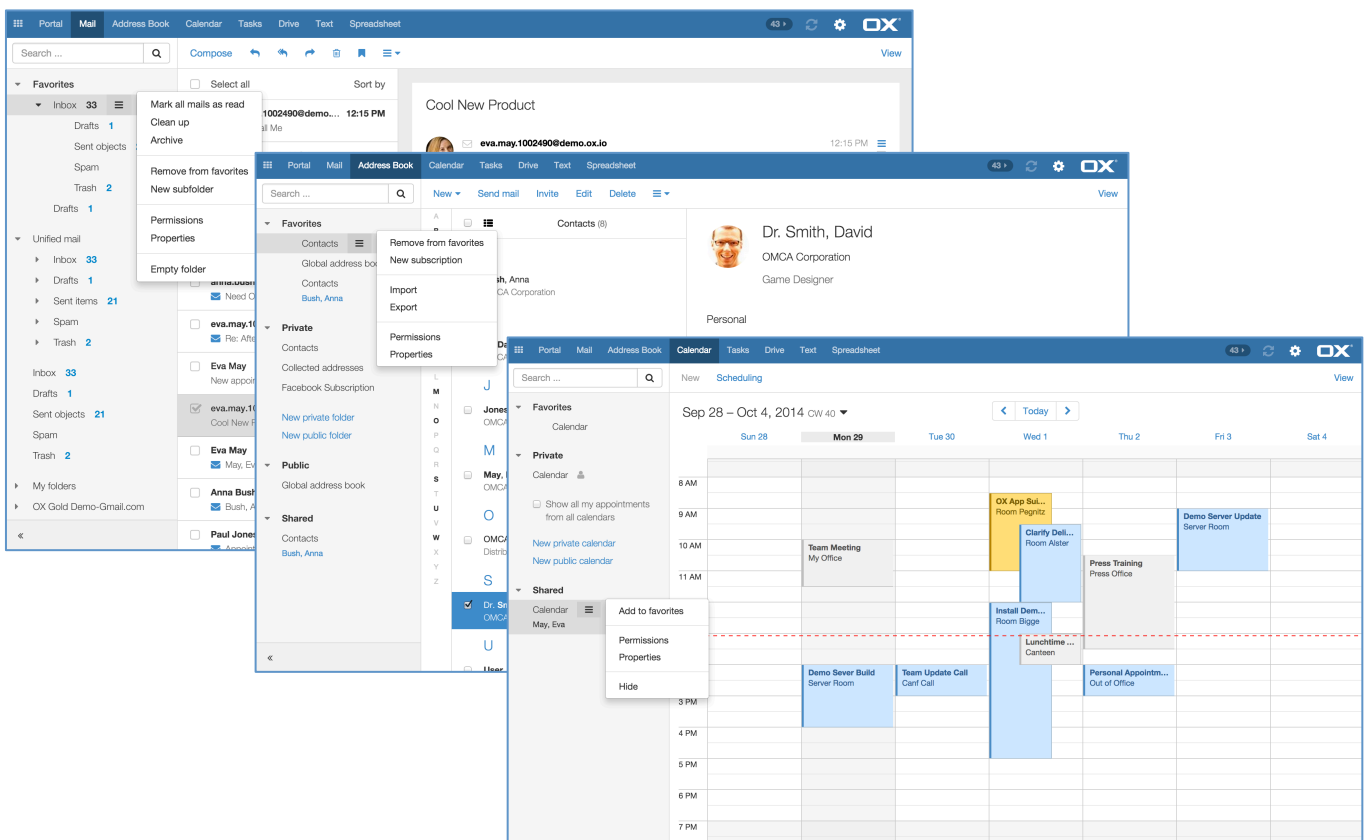
2 General Improvements and Design Changes

2.1 New Folder Tree

The new folder tree structure introduced with OX App Suite v7.6.1 has three main objectives: Higher flexibility, better accessibility and a better mobile experience. We also used this opportunity to do some technical optimizations (e.g. migrating to Backbone collections and models; smarter updates, better response times, less flickering etc.).

A further benefit of the new folder tree implementation is the possibility to have "virtual" (or favorite) folders. OX App Suite v7.6.1 introduces favorites for all applications available inside the web frontend. The user now has the ability to add a folder to the favorite list via the context-menu ("Add to favorites"). This is especially useful in OX Drive when there are large folder structures.

In addition the look and feel of the new folder tree structure has been updated to reflect the flat design paradigm.



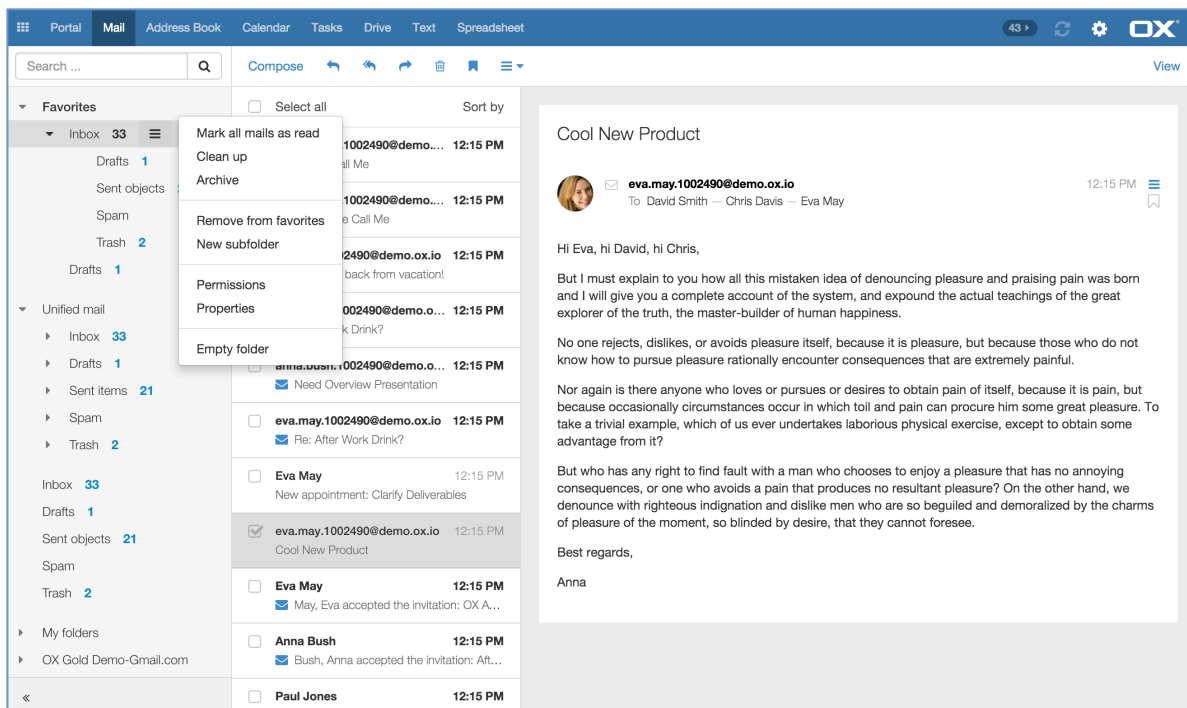
2.2 Archive for emails

For a user with large numbers of emails in email folders, OX App Suite v7.6.1 provides a new feature called “Archived”. This lets a user move all emails in a folder, which are older than 90 days (default setting), to a new automatically created archive folder.

The archive folder is created below the personal INBOX. The messages in the archive folder are then grouped by year. For example you have INBOX / Archive / 2014. Of course it is possible to move messages from the archive folder to other mail folders.

Please note: Users have to confirm the progress via a confirmation dialog

Additionally an administrator can change the default setting of 90 days.

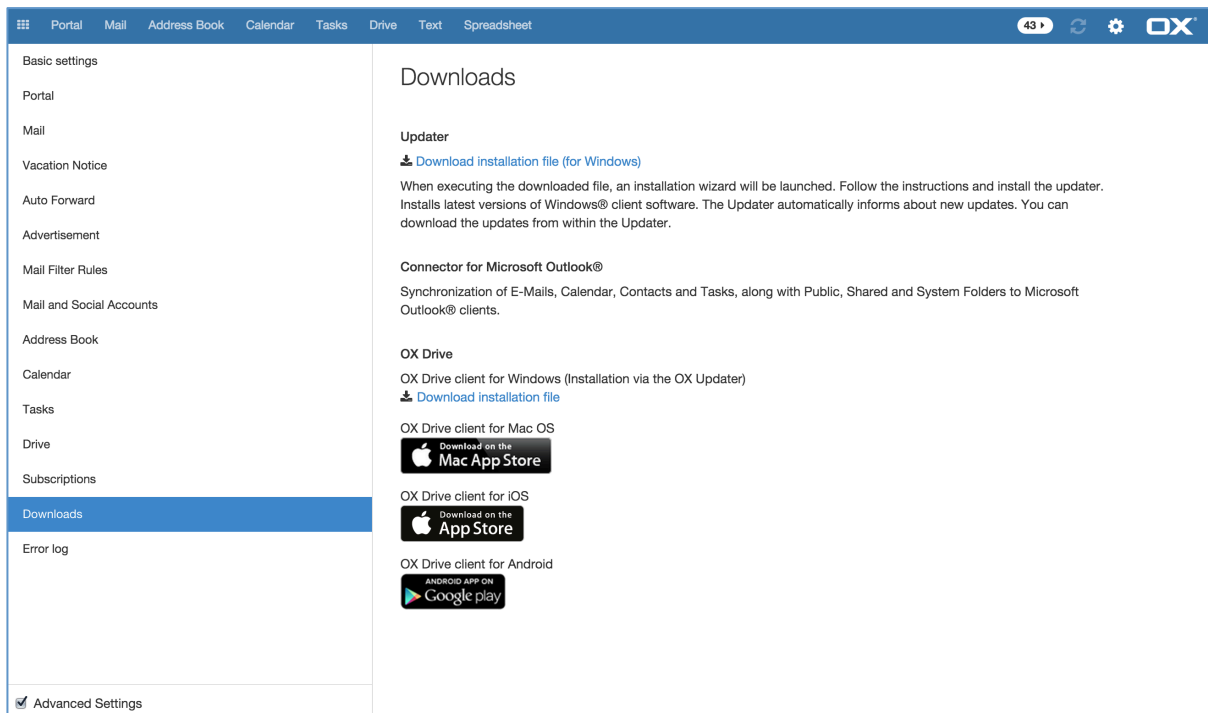


2.3 Download from Publications

If someone receives a link to a publication generated from OX Drive using the gallery template, it is now possible to directly download the content. When in the gallery, if you go select an image there is now a download button in the top right hand corner called “Download”. The image description is also now displayed below the image.

2.4 Download OX Drive Client links in Settings

Early in 2014 Open-Xchange introduced OX Drive clients to OX App Suite that can be downloaded from their respective App Stores (Apple, Play etc.). OX App Suite v7.6.1 now provides direct links to the respective App Stores in the download section in settings. There are links to OX Drive client for Mac OS, iOS and Android as well as a link to download the Windows OX Drive client too.



2.5 OX Drive links at Portal Widget

In addition to the OX Drive client download page in settings, Open-Xchange has created an OX Drive client download widget for the OX App Suite Portal page.

The system recognizes which system is being used and presents the relevant client download link on the widget itself. All other possible OX Drive client downloads are shown when the widget is clicked and the widget's Halo detail view is displayed.

The screenshot displays the OX App Suite Portal interface. At the top, a navigation bar includes 'Portal', 'Mail', 'Address Book', 'Calendar', 'Tasks', 'Drive', 'Text', and 'Spreadsheet'. The user is logged in as 'david@view.com'. The main content area is divided into several sections:

- Get OX Drive:** A widget titled 'Get OX Drive' with a close button. It features the OX Drive logo and the text: 'Download OX Drive for Mac OS now'. Below this, it states: 'The OX Drive client lets you store and share your photos, files, documents and videos, anytime, anywhere. Access any file you save to OX Drive from all your computers, iPhone, iPad or from within OX App Suite itself.' A 'Download on the Mac App Store' button is visible.
- Download OX Drive for Mac OS now:** A larger widget with the OX Drive logo and the same text as above. It includes a 'Download on the Mac App Store' button and a section titled 'OX Drive is also available for other platforms:' with buttons for 'Download on the App Store', 'ANDROID APP ON Google play', and 'Download OX Drive via the OX Updater'.
- Inbox:** A list of five email messages from various contacts, including 'david.smith.1002490@demo.ox.io' and 'eva.may.1002490@demo.ox.io'.
- Appointments:** A list of five scheduled events, including 'Today 7:30 PM Sport Gym', 'Tomorrow 8:00 AM Free for Minutes', 'Tomorrow 12:30 PM Writer Block posting My Office', 'Tomorrow 5:00 PM After Work Drinks Block Brewery', and 'Wednesday 12:00 AM Press Training Press Office'.

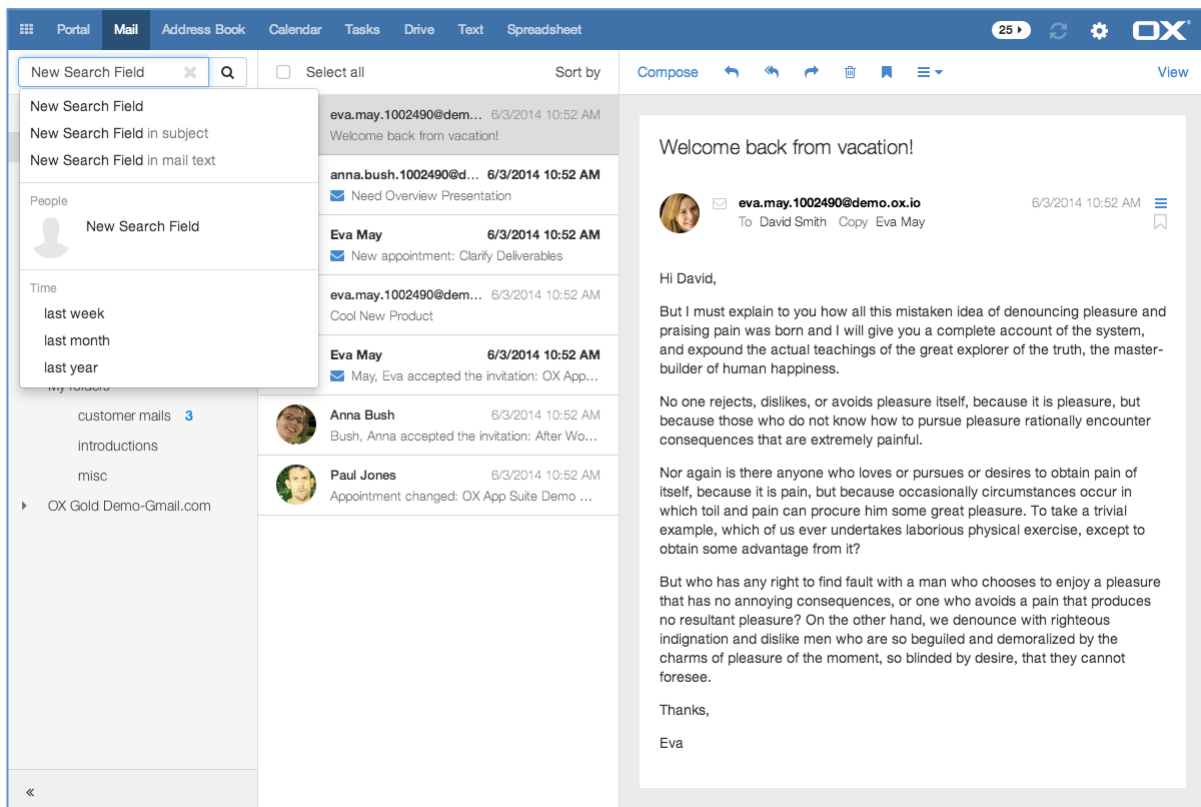
3 Search Improvements in OX App Suite

3.1 In-app Search

In OX App Suite 7.6 the search function was displayed as a separate overview page. This was primarily done so that it worked both on mobile and on desktop devices. The solution focused on finding an email, finding a contact via phone or finding an appointment.

In v7.6.1, it was decided to move search back into the apps themselves – at least on desktop devices (mobile will come later). This new implementation provides typical housekeeping actions like delete all or move the search results to a particular folder.

From a UI design perspective it was necessary to find a natural place to show both the search field and the occasionally long list of filters or results. This means the in-app search is now provided as a field above the folder tree, which hides the tree when the search is active:

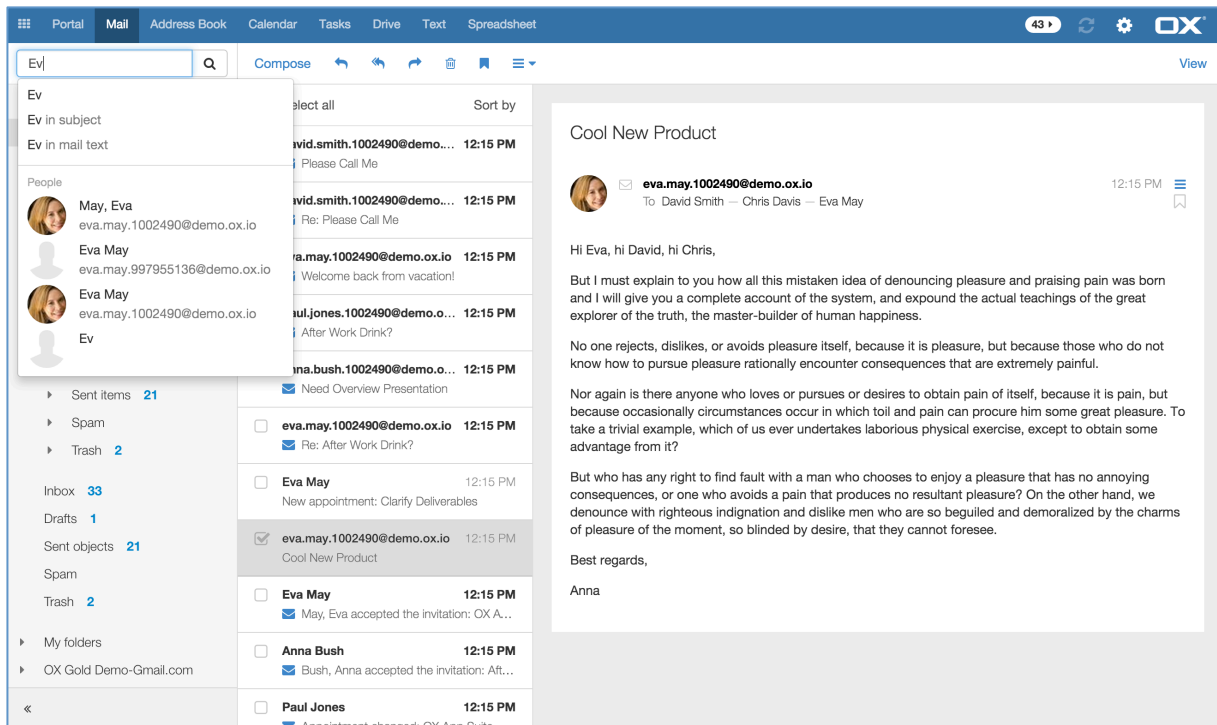


This approach is consistent: The left side is either folders, or filters that determine a list of items on the right side.

3.1.1 OX Mail Web Frontend Search

A user can now define a number of different search criteria. From the Email Menu the search criteria are subdivided into search criteria: Email subject or email text.

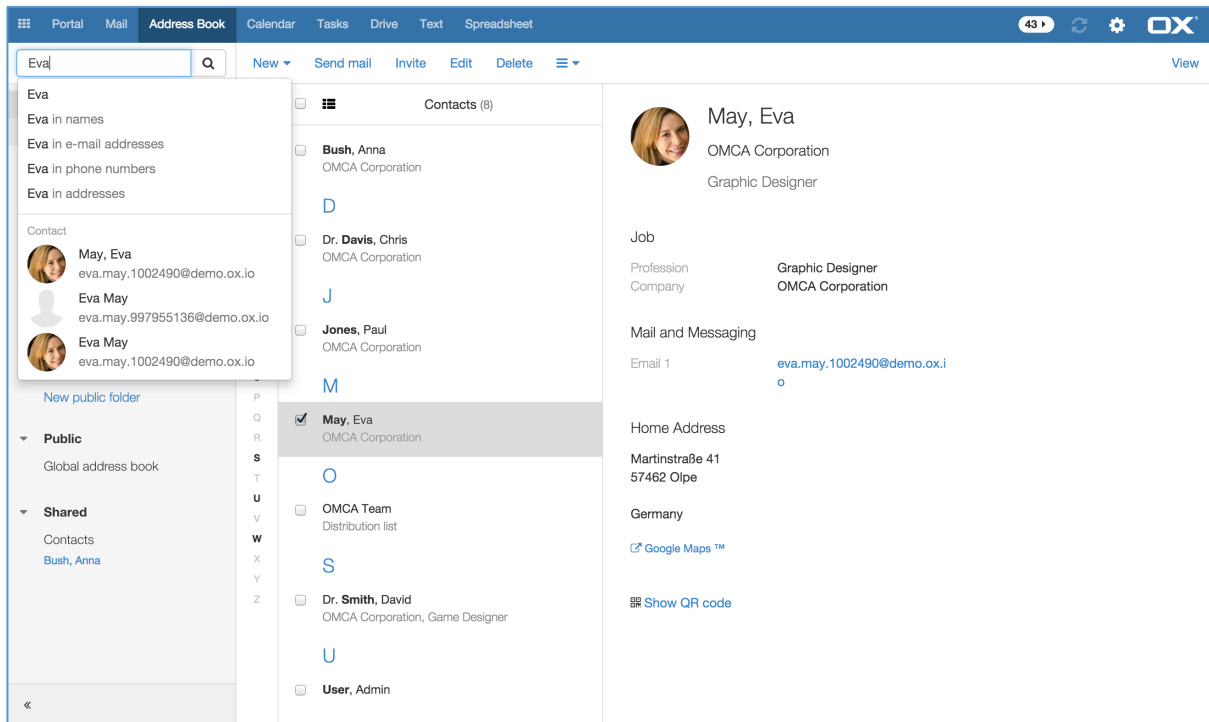
The user can also choose to search within a time frame. This means the user can choose between a time frame of last week, last month or last year.



3.1.2 OX Address Book Search

The Address Book now has extended search capabilities. The search criteria are subdivided into contact name, type (contact or distribution list) or location (email addresses, phone numbers or addresses).

Additionally, the user can choose the folder location for the search, for example Private, Public or Shared folders.



3.1.3 OX Calendar Search

Calendar search capabilities have also been enhanced. The search criteria are subdivided into Participant, Status (Accepted, Declined, Tentative, None) Date (Coming, Past) and Type (Single or Series).

In addition appointments can be searched on subject, description, location, attachment name or for the display name (for example Product Team Meeting).

The screenshot displays the OX Calendar application interface. At the top, there is a navigation bar with tabs for Portal, Mail, Address Book, Calendar (selected), Tasks, Drive, Text, and Spreadsheet. A search bar is located on the left side of the calendar view. The main area is divided into three columns: a left sidebar with filters, a central list of search results, and a right pane showing details for the selected appointment.

Left Sidebar (Filters):

- Search: Clarify
- Hide advanced filters
- Folder: All folders
- Folder type: All
- Type: All
- Date: All
- My Status: All
- Status dropdown menu:
 - All (checked)
 - Accepted
 - Declined
 - Tentative
 - None

Central Results List:

- Results (2)
- Wed, 10/1/2014
- 9:30 AM - 12:00 PM: Clarify Deliverables (Room Alster) [checked]
- 9:30 AM - 12:00 PM: Clarify Deliverables (Room Alster)
- Expand timeframe by one month

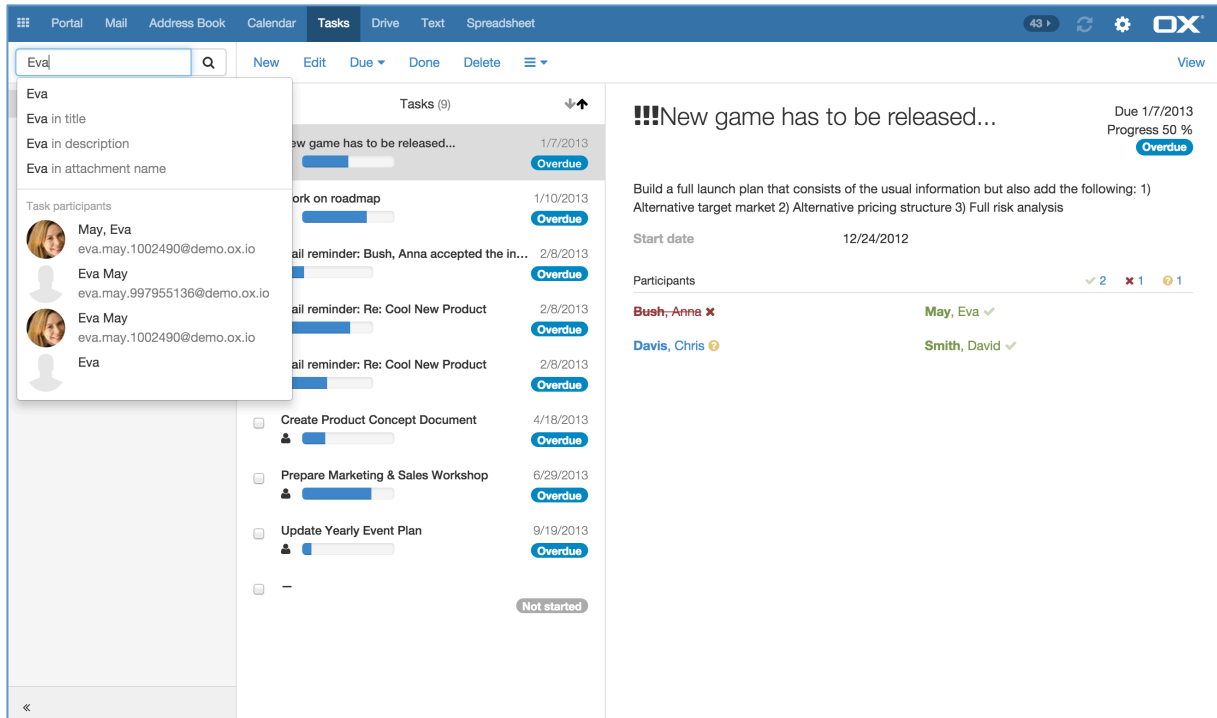
Right Pane (Appointment Details):

- Appointment: Clarify Deliverables (Room Alster)
- Date/Time: Wed, 10/1/2014 - Weekly on Wednesday, 9:30 AM - 12:00 PM CEST
- Participants: 2 (2)
- Participants list: Davis, Chris; Jones, Paul; May, Eva ✓; Smith, David ✓
- Actions: Send mail to all participants, Invite to new appointment, Save as distribution list
- Details:
 - Organizer: May, Eva
 - Shown as: Reserved
 - Folder: Calendar
 - Created: Mon, 12/17/2012 - May, Eva
 - Modified: Tue, 1/8/2013 - Smith, David

3.1.4 OX Task Search

OX Task search capabilities have also been enhanced. The search criteria are subdivided into Participant, Status (Not Started, In Progress, Done, Waiting or Deferred) and Task Type (Single or Series). (See the image below)

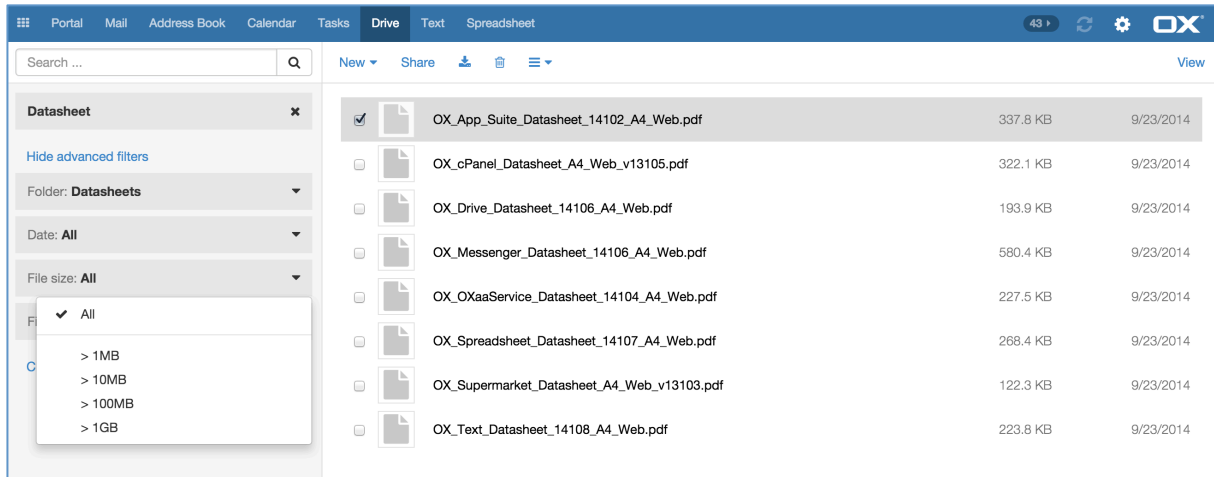
Searches can also be performed based on task attributes such as, title, description or attachment name. Additionally the user can search for the display name of the task participants, or in Public or Private Task folders.



3.1.5 OX Drive Search

New to OX App Suite 7.6.1 are OX Drive search capabilities. The search criteria are subdivided into File Type (Audio, Video, Documents, Images or Other), Folder Type (Public, Private or Shared) or size (>1MB, >10MB, >100MB and >1GB)

The user can also search based on following criteria: file name, file description and file content. In addition it is also possible to search based on time criteria such as last week, last month or last year.



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

4.1 Switching off Error Log in the Settings

Open-Xchange App Suite v7.6.1 provides an Error Log for all applications available in the web frontend. To switch off the Error Log v7.6.1 introduces a server side setting.

This optional server-side setting provides a custom off switch for the available settings panes (comma-separated list).

Example: `io.ox/core/disabledSettingsPanes ='errorlog,io.ox/core/downloads`

4.2 Support of Cloud Storage with S3 Interface

Apart from ordinary local, or NFS, file system based storage; OX App Suite v7.6.1 can now be used with a cloud storage solution based on S3. This functionality is available by adding the package `open-xchange-filestore-s3`. The file store integration was tested against regular Amazon Simple Storage Service (S3), however, other object storage implementations offering an S3-compatible API should work, too. Further details can be found at:

http://oxpedia.org/wiki/index.php?title=AppSuite:S3_File_Store