



**Kolab**Systems

# **Test Plan for Kolab Client**

Kontakt, Horde, Outlook

Version: 0.5.1  
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# Test plan for Kolab client

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Test plan version: 0.5.1

This test plan should be used to verify that all functions of a Kolab client work as expected. Every test suite can execute separately. It is not necessary to execute all tests suites consecutively.

Please state in your problem report the version number of this document ( and the number of the test cases which fail.

## Overview

Test suite completely successful?

- Test suite 1: Mail ..... yes no
- Test suite 2: Calendar ..... yes no
- Test suite 3: Contacts ..... yes no
- Test suite 4: Summary ..... yes no
- Test suite 5: To-do ..... yes no
- Test suite 6: KJots ..... yes no
- Test suite 7: Crypto ..... yes no



# 1 Mail

**General Precondition:** User A and User B have different Kolab Server accounts. Their clients have been configured for receiving (disconnected IMAP) and sending (SMTPS). Switch to the email view in client.

## 1.1 Sending/Receiving mails (basic test)

**Precondition:**

None.

**Steps:**

- (1) A sends three testmails to B’s account.
- (2) B waits for a moment and looks at his incoming mails.

**Expected Results:**

- (a) Can A send the mails? ..... yes no
- (b) Can B see all three mails? ..... yes no

## 1.2 Sending/Receiving mails with attachments (complex test)

**Precondition:**

User A has a textfile (ascii), a textfile with umlauts (iso-8859-15) and a pdf-file in his user home directory.

**Steps:**

- (1) A sends a mail with all three attachments to B.
- (2) B waits a moment.
- (3) B looks at the mails and saves the attachments to the home directory.
- (4) B compares the saved attachments with the original files and answers question a.
- (5) B opens all attachments with double click.

**Expected Results:**

- (a) Are the attachments in B’s directory correct? ..... yes no
- (b) Are the attachments opened with a right program? ..... yes no

## 1.3 Use queue to send a mail later (complex test)

**Precondition:**

None.

**Steps:**

- (1) A queues three new mails to B with the "Send Later" button in the composer.
- (2) A selects the local folder outbox.
- (3) A sends the queued mails with "Send Queued Messages" in the "File" menu.
- (4) B waits a moment and looks at the new received mails.

**Expected Results:**

(a) Can B find the three mails that A sent in his inbox? ..... yes no

**1.4 Test of the draft mechanics (basic test)**

**Precondition:**

The steps are done as user A.

**Steps:**

- (1) Start to create a mail to A.
- (2) Save it as draft.
- (3) Select the draft folder.
- (4) Look for a new mail in the maillist of the draft folder and answer question a.
- (5) Open this mail.
- (6) Send it.
- (7) Wait a moment.

**Expected Results:**

(a) Is the mail in the draft folder? ..... yes no

(b) Is the test mail in A's inbox? ..... yes no

**1.5 Test of move mails (basic test)**

**Precondition:**

At least three mails are in A's inbox. The steps should be done as user A.



**Steps:**

- (1) Create two test folders (1, 2) in the inbox.
- (2) Move three test mails from inbox to folder 1.
- (3) Move one mail from folder 1 to folder 2.
- (4) Answer question a and b.
- (5) Delete both test folders.

**Expected Results:**

- (a) Are two test mails in folder 1? ..... \_yes \_no
- (b) Is one test mail in folder 2? ..... \_yes \_no

**1.6 Test of copy mails (basic test)**

**Precondition:**

At least three mails are in A's inbox. The steps should be done as user A.

**Steps:**

- (1) Create two test folders (1, 2) in the inbox.
- (2) Copy three test mails from inbox to folder 1.
- (3) Copy one mail from folder 1 to folder 2.
- (4) Answer question a and b.
- (5) Delete both test folders.

**Expected Results:**

- (a) Are three test mails in folder 1? ..... \_yes \_no
- (b) Is one test mail in folder 2? ..... \_yes \_no

**1.7 Test of copy/move mail to the same folder (complex test)**

**Precondition:**

At least three mails are in A's inbox. The steps should be done as user A.

**Steps:**

- (1) Create a test folder 1.
- (2) Copy a test mail to folder 1.
- (3) Copy the test mail from folder 1 to folder 1.
- (4) Move the test mail from folder 1 to folder 1.
- (5) Answer question a.
- (6) Delete folder 1.

**Expected Results:**

(a) Is one mail in folder 1? .....yes no

**1.8 Test of move folder (basic test)**

**Precondition:**

At least three mails are in A's inbox. The steps should be done as user A.

**Steps:**

- (1) Create three test folders (1, 2, 3) in the inbox.
- (2) Copy three mails to all folder.
- (3) Move folder 3 into folder 2.
- (4) Move folder 2 into folder 1.
- (5) Answer question a.
- (6) Delete folder 1 and subfolders.

**Expected Results:**

(a) Is 2 subfolder of 1 and 3 subfolder of 2? .....yes no

(b) Are all folders deleted? .....yes no

**1.9 Test of copy folders (basic test)**

**Precondition:**

At least three mails are in A's inbox. The steps should be done as user A.

**Steps:**

- (1) Create three test folders (1, 2, 3) in the inbox.
- (2) Copy three mails to all folder.
- (3) Copy folder 3 into folder 2.
- (4) Copy folder 2 into folder 1.
- (5) Answer question a and b.
- (6) Delete folders 1, 2 and 3 and subfolders.

**Expected Results:**

(a) Is 2 subfolder of 1 and 3 subfolder of 2? .....yes no

(b) Are folders 1, 2 and 3 subfolders of the inbox? .....yes no

(c) Are all folders deleted? .....yes no

**1.10 Test two receiving accounts (basic test)**



**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Configure the account of B as dimap account in A's mail configuration.
- (2) Look at question a. of the expected results.
- (3) Send three mails to account A.
- (4) Send three mails to account B.
- (5) Look at question b. of the expected results.
- (6) Deletes the mails.
- (7) Removes B's account of the receiving account list.

**Expected Results:**

- (a) Are both accounts visible in the folder list of A's client? ..... yes no
- (b) Are three new mails in inbox of the accounts A and B? ..... yes no

**1.11 Test of a read-only shared folder (basic test)**

**Precondition:**

The user A has some mails in his inbox.

**Steps:**

- (1) A shares his inbox read-only with B.
- (2) Answer question a.
- (3) B tries to copy a mail to the shared folder.
- (4) Answer question b.
- (5) A unshares the folder.

**Expected Results:**

- (a) Can B read the mails? ..... yes no
- (b) Does copying the mail fail? ..... yes no

**1.12 Test of a write-read shared folder (basic test)**

**Precondition:**

The user A has some mails in his inbox.

**Steps:**

- (1) A shares his inbox with write rights with B.
- (2) Answer question a.
- (3) B copy a mail to the shared folder.
- (4) Wait a moment.
- (5) Answer question b.
- (6) A deletes the new mail.
- (7) Answer question c.
- (8) A unshares the folder.

**Expected Results:**

- (a) Can B read the mails? .....yes no
- (b) Can A read the copied mail? .....yes no
- (c) Is the copied mail from B’s folder deleted? .....yes no

**1.13 Test of a all rights shared folder (basic test)**

**Precondition:**

The user A has some mails in his inbox.

**Steps:**

- (1) A shares his inbox with all rights with B.
- (2) Answer question a.
- (3) B opens the properties dialog of the shared folder.
- (4) Answer question b.
- (5) A unshares the folder.

**Expected Results:**

- (a) Can B read the mails? .....yes no
- (b) Can B look at the rights of the shared folder? .....yes no

**1.14 Move a folder to the local folders (complex test)**

**Precondition:**

Some mails in A’s account. The steps should be done as user A.





**Steps:**

- (1) Create folder 1 in the inbox.
- (2) Fill the test folder with 3 mails.
- (3) Move the test folder into the local folders.
- (4) Delete the test folders and sync.

**Expected Results:**

- (a) Does moving of the folder work without a conflict or error message? ..... yes no

**1.15 Use another identity (basic test)**

**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Open the mail configuration dialog.
- (2) Switch to the tab "Identities".
- (3) Add another identity with a different name and the same email address.
- (4) Start to send a mail and look at question a. in the expected results.
- (5) Send a mail with the different identity to A's account.
- (6) Look at the new mail.

**Expected Results:**

- (a) Is it possible to select the new identity in the composer? ..... yes no
- (b) Is the mail sent with the new identity? ..... yes no

**1.16 Changing the default template of a new mail (complex test)**

**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Open the mail configuration dialog.
- (2) Switch to tab "composer".
- (3) Choose "standard templates"
- (4) Modify the template "New Message".
- (5) Accept the dialog with "Ok".
- (6) Open a new mail.

**Expected Results:**

- (a) Do the changes appear in the new created mail? ..... \_yes \_no
- (b) Is the new message template used? ..... \_yes \_no

**1.17 Creation of a mail with signature (complex test)**

**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Open the mail configuration dialog.
- (2) Switch to the "Identities" tab.
- (3) Modify an existing identity and enable signature.
- (4) Open a new mail.
- (5) Choose the modified identity.
- (6) Look at the mail.

**Expected Results:**

- (a) Is the signature shown? ..... \_yes \_no

**1.18 Print a mail (complex test)**

**Precondition:**

A way to look at printed results is needed. (e.g. use PDFCreator or send the printoutput into a file.) The steps should be done as user A.

**Steps:**

- (1) Select a mail from the mail list.
- (2) Click on the "Print" button in the toolbar.
- (3) Look at the printout.

**Expected Results:**

- (a) Is the mail printed correctly? ..... \_yes \_no

**1.19 Search for messages (basic test)**

**Precondition:**

Some mails are in the test account. The steps should be done as user A.



**Steps:**

- (1) Open "Find Messages" dialog (in the menu "Edit").
- (2) Search for an existing subject of a mail.
- (3) Look at the list of search results and answer question a. of the expected results.
- (4) Search for a non-existing subject.
- (5) Look at the list of search results and answer question b. of the expected results.

**Expected Results:**

- (a) Can you find the mail? ..... yes no
- (b) Is the searchlist empty? ..... yes no

**1.20 Reply to a mail (basic test)**

**Precondition:**

None.

**Steps:**

- (1) A sends a mail to B.
- (2) B syncs.
- (3) B sends a reply to A.
- (4) A syncs and looks at the reply.

**Expected Results:**

- (a) Is the reply correct? ..... yes no

**1.21 Forward of a mail (basic test)**

**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Send a mail to yourself.
- (2) Sync.
- (3) Forward the mail "as attachment" to B's account.
- (4) Forward the mail "in line" to B's account.
- (5) Redirect the mail to B's account.
- (6) Look at the mails in B's account.

## Expected Results:

(a) Are all mails send correctly? ..... yes no

### 1.22 Move to next and to previous mails (basic test)

#### Precondition:

Some mails are in the test account. The steps should be done as user A.

#### Steps:

- (1) Select three mails and mark them as unread.
- (2) Select the mail in the middle (the second one).
- (3) Click on "Next".
- (4) Click on "Previous".
- (5) Look at the mails.

#### Expected Results:

(a) Are all three mails marked as "read" again? ..... yes no

### 1.23 Use the LDAP Search to find a mail address from the composer (basic test)

#### Precondition:

LDAP server configured, serving an entry which can be searched for. The steps should be done as user A.

#### Steps:

- (1) Open the composer to create a new mail.
- (2) Enter the first letters of an email address, which can be found on the LDAP server.
- (3) Select the right address.
- (4) Look at the composer.

#### Expected Results:

(a) Does the "To"-field contain the right address? ..... yes no

### 1.24 Create a filter and use it (complex test)

#### Precondition:

The steps should be done as user A.



**Steps:**

- (1) Create a test folder and sync.
- (2) Open the filter configuration dialog.
- (3) Create a new filter, which moves mails with special subject into the test folder.
- (4) Send a mail which triggers the filter to the test account.
- (5) Look at the test folder.

**Expected Results:**

(a) Is the mail moved there? ..... yes no

**1.25 Activate Local Subscription to some folders (complex test)**

**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Open the mail configuration dialog.
- (2) Switch to tab "Accounts".
- (3) Modify the receiving account and enable the option "Show only locally subscribed folders".
- (4) Open the "local subscription" dialog (see context menu).
- (5) Unsubscribe some test folders.
- (6) Wait a moment.
- (7) Look at the folder list and answer question a. of the expected results.
- (8) Open the local subscription dialog.
- (9) Subscribe the test folders again.
- (10) Look at the test folder and answer question b. of the expected results.
- (11) Deactivate "show only locally subscribed folder" in the kmail configuration dialog.

**Expected Results:**

(a) Did the unsubscribed folder vanish? ..... yes no

(b) Are the test folders shown again? ..... yes no

**1.26 Activate Serverside Subscription to some folders (complex test)**

**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Open Kmail configuration dialog.
- (2) Switch to tab "Accounts".
- (3) Modify the receiving account and enable the option "Show only serverside subscribed folders".
- (4) Open the serverside subscription dialog (see the receiving account).
- (5) Unsubscribe some test folders.
- (6) Wait a moment.
- (7) Look at the folder list and look at question a. of the expected results.
- (8) Open the subscription dialog.
- (9) Subscribe the test folder again.
- (10) Look at the test folder and answer question b. of the expected results.
- (11) Deactivate "show only serverside subscribed folder" in the kmail configuration dialog.

**Expected Results:**

- (a) Did the unsubscribed folder vanish? ..... yes no
- (b) Are the test folders shown again? ..... yes no

1.27 **Rename an identity (complex test)**

**Precondition:**

None.

**Steps:**

- (1) Switch to Mail component.
- (2) Choose Settings:Configure KMail...
- (3) Select tab Identities.
- (4) Double click on the default identity.
- (5) Change the name in the "Your name" textfield.
- (6) Press ok.
- (7) Send a test mail.

**Expected Results:**

- (a) Is the name in the mail address changed? ..... yes no

1.28 **Mark a mail as unread (complex test)**

**Precondition:**

None.



**Steps:**

- (1) Switch to Mail component.
- (2) Select a read mail.
- (3) RMB: Mark Message: Mark Message as unread.
- (4) Select another message

**Expected Results:**

(a) Is the first mail marked as unread? ..... \_yes \_no

**1.29 Delete many mails with the trashcan button.(basic test)**

**Precondition:**

Three test mails in the selected folder

**Steps:**

- (1) Select the test mails.
- (2) Click on the trashcan button in the toolbar.

**Expected Results:**

(a) Are the test mails sent to the local trashcan folder? ..... \_yes \_no

## **2 Calendar**

**General Precondition:** User A, User B and User C each have a Kolab Server accounts configured in their own client configuration. Switch to the "Calendar" view.

**2.1 Create a single event (basic test)**

**Precondition:**

Only one calender folder active. The steps should be done as user A.

**Steps:**

- (1) Create an event.
- (2) Close and restart client.

**Expected Results:**

(a) Is the event in A's calendar? .....\_yes \_no

**2.2 Attendee accepts an invitation (basic test)**

**Precondition:**

None.

**Steps:**

- (1) A invites B to an event and sends the invitation.
- (2) B accepts.
- (3) A enters the update mail into his calendar.
- (4) Answer question a.
- (5) A deletes the event.
- (6) B removes the event with the update mail.

**Expected Results:**

- (a) Are the start and end times correct in the invitation? .....\_yes \_no
- (b) Is B's status accepted in A's event? .....\_yes \_no
- (c) Is the event deleted from A's and B's calendar? .....\_yes \_no

**2.3 Attendee declines an invitation (basic test)**

**Precondition:**

None.

**Steps:**

- (1) A invites B to an event and sends the invitation.
- (2) B declines.
- (3) A enters the update mail into his calendar.
- (4) Answer question a.
- (5) A deletes the event.

**Expected Results:**

- (a) Is B's status declined in A's event? .....\_yes \_no
- (b) Is the event deleted from A's and B's calendar? .....\_yes \_no

**2.4 Attendee conditionally accepts an invitation (basic test)**





**Precondition:**

None.

**Steps:**

- (1) A invites B to an event and sends the invitation.
- (2) B conditionally accepts.
- (3) A enters the update mail into his calendar.
- (4) Answer question a.
- (5) B opens the event and accepts.
- (6) A enters the update mail into his calendar.
- (7) Answer question b.
- (8) A deletes the event.
- (9) B removes the event with the update mail.

**Expected Results:**

- (a) Is B's status cond. accepted in A's event? ..... yes no
- (b) Is B's status accepted in A's event? ..... yes no
- (c) Is the event deleted from A's and B's calendar? ..... yes no

**2.5 Attendee delegates an event, Delegeted accept (complex test)**

**Precondition:**

None.

**Steps:**

- (1) A invites B and sends the invitation.
- (2) B delegetes the mail to C and wants to stay informed.
- (3) C accepts the event.
- (4) A enters the update mail and accepts C.
- (5) Answer question a and b.
- (6) A deletes the event.
- (7) B removes it with the update mail.
- (8) C removes it with the update mail.

**Expected Results:**

- (a) Is A asked to confirm C? ..... yes no
- (b) Is the status of B delegates to C? ..... yes no

**2.6 Attendee deleges, Delegated declines (complex test)**

**Precondition:**

None.

**Steps:**

- (1) A invites B and sends the invitation.
- (2) B delegates the mail to C and wants to stay informed.
- (3) C declines the event.
- (4) A enters the update mail.
- (5) Answer question a.
- (6) A deletes the event.
- (7) B removes it with the update mail.

**Expected Results:**

(a) Isn't C an attendee in the event? ..... yes no

**2.7 Attendee delegates, delegated accepts, organizer rejects delegated (complex test)**

**Precondition:**

None.

**Steps:**

- (1) A invites B and sends the invitation.
- (2) B delegates the mail to C and wants to stay informed.
- (3) C accepts the event.
- (4) A enters the update mail and rejects C.
- (5) Answer question a, b and c.
- (6) A deletes the event.
- (7) B removes it with the update mail.
- (8) C removes it with the update mail.

**Expected Results:**

(a) Is A asked to confirm C? ..... yes no

(b) Is the status of B delegates to C? ..... yes no

(c) Isn't C an attendee in the event? ..... yes no

**2.8 Event forwarding, new attendee accepts (complex test)**



**Precondition:**

None.

**Steps:**

- (1) A invites B to an event.
- (2) B forwards the event to C.
- (3) C accepts.
- (4) A enters update mails and accepts C.
- (5) Answer question a.
- (6) A deletes the event.
- (7) B removes the event.
- (8) C removes the event.

**Expected Results:**

(a) Is C attendee of the event with status accepted? ..... yes no

**2.9 Event forwarding, new attendee declines (complex test)**

**Precondition:**

None.

**Steps:**

- (1) A invites B to an event.
- (2) B forwards the event to C.
- (3) C declines.
- (4) A enters update mails.
- (5) Answer question a.
- (6) A deletes the event.
- (7) B removes the event.

**Expected Results:**

(a) Is C attendee of the event with status declined? ..... yes no

**2.10 Event forwarding, new attendee accepts, but is rejected (complex test)**

**Precondition:**

None.

**Steps:**

- (1) A invites B to an event.
- (2) B forwards the event to C.
- (3) C accepts.
- (4) A enters update mails and rejects C.
- (5) Answer question a.
- (6) A deletes the event.
- (7) B removes the event.
- (8) C removes the event.

**Expected Results:**

(a) Is C not attendee of the event? ..... yes no

**2.11 Moving a whole day event (basic test)**

**Precondition:**

None.

**Steps:**

- (1) A invites B to a whole day event.
- (2) B accepts the invitation.
- (3) A enters B's update mail into his calendar.
- (4) A moves the whole day event to a different day.
- (5) B enters A's update mail into his calendar.
- (6) Answer question a and b.
- (7) A deletes the event.
- (8) B removes the event with the update mail.

**Expected Results:**

(a) Is the event in A's calendar at the changed time? ..... yes no

(b) Is the event in B's calendar at the changed time? ..... yes no

**2.12 Use a local distribution list as attendee (complex test)**

**Precondition:**

User A has a local distribution list including B and C.



**Steps:**

- (1) A invites the local dist list to an event.
- (2) B and C accept.
- (3) A enters the update mails into his calendar.
- (4) Answer question a and b.
- (5) A deletes the event.
- (6) B removes the event with the update mail.
- (7) C removes the event with the update mail.

**Expected Results:**

- (a) Has every user the event in his calendar? ..... yes no
- (b) In A's calendar: Has every attendee accepted the event? ..... yes no

**2.13 Attendees makes a counter proposal (complex test)**

**Precondition:**

None.

**Steps:**

- (1) A invites B.
- (2) B makes a counterproposal the next day.
- (3) A enters the update mail and accepts the counterproposal.
- (4) B enters the update mail into the calendar.
- (5) Answer question a.
- (6) A deletes the event.
- (7) B removes the event with the update mail.

**Expected Results:**

- (a) Is B's status accepted in A's event? ..... yes no

**2.14 Freebusy list (complex test)**

**Precondition:**

(The freebusy handling on the server must work.)

**Steps:**

- (1) A search in his calendar for a day without any events.
- (2) A creates a new event from 10:00 to 11:00 on this day.
- (3) A creates a new event from 12:00 to 12:30 on this day.
- (4) B starts to create a new event on the same day and switches to the attendee tab.
- (5) B enters A as participant and looks at his freebusy list. (The freebusylist come via http(s) from the server.)

**Expected Results:**

- (a) Are the events at 10:00 to 11:00 and 12:00 to 12:30 red in the freebusylist of A? ..... yes no
- (b) Are this two events all shown events in A's freebusy list? ..... yes no

2.15 **Event with png attachment (complex test)**

**Precondition:**

A test png file is in A's home directory and quickshow is installed.

**Steps:**

- (1) A invites B to an event with the test png attachment.
- (2) Wait for a moment.
- (3) B looks at the bottom of the invitation.
- (4) B opens the attachment and answers question a.
- (5) B saves the attachment to his home dir.
- (6) A and B look at the size of their png test files.

**Expected Results:**

- (a) Is the png file displayed? ..... yes no
- (b) Are the size of A's and B's png file equal? ..... yes no

2.16 **Accepted event with png attachment(complex test)**

**Precondition:**

A test png file is in A's home directory and quickshow is installed.



**Steps:**

- (1) A invites B to an event with the test png attachment.
- (2) Wait for a moment.
- (3) B accepts the event.
- (4) B looks the test event at the calendar.
- (5) B edits the event.
- (6) B opens the png attachment.
- (7) B saves the png attachment.
- (8) A and B look at the size of their png test files.

**Expected Results:**

- (a) Is the png attachment displayed? ..... yes no
- (b) Are the size of A's and B's png file equal? ..... yes no

**2.17 Concurrent modification of an event (Complex Test)**

**Precondition:**

The steps should be done as User A or User B as indicated.

**Steps:**

- (1) User A modifies an event in the client.
- (2) Before User A synchronises his client, User B modifies the same attribute of the same event.
- (3) Both users synchronise within 5 seconds of each other.
- (4) Observe the result and answer question a.
- (5) After both client are properly synchronised, User A modifies an attribute in the same event.
- (6) User B synchronises a different attribute in the same event.
- (7) Observe the result and answer question b.

**Expected Results:**

- (a) Were you warned of the collision? ..... yes no
- (b) Were the changes merged into the event? ..... yes no
- (c) Has there been no replication of the event? ..... yes no

**2.18 Re-synchronise a deleted event (Complex Test)**

**Precondition:**

The steps should be done as User A or User B as indicated.

**Steps:**

- (1) User A deletes an event and synchronises his client.
- (2) User B synchronises his client.
- (3) User A resynchronises his client.

**Expected Results:**

- (a) The event is removed from User A’s client. .... yes no
- (b) The event is removed from User B’s client. .... yes no

**2.19 New calendar folder (basic test)**

**Precondition:**

Steps are conducted as User A using 2 different clients: 1 desktop client and Horde

**Steps:**

- (1) User A creates a new calendar folder in their desktop client.
- (2) User A synchronises their client.

**Expected Results:**

- (a) Does the new calendar folder appear in both clients? ..... yes no

**2.20 Share new calendar folder with others (basic test)**

**Precondition:**

Steps are conducted as User A or User B as indicated.

**Steps:**

- (1) User A configures the new calendar folder to allow User B read-only access.
- (2) User A adds three new events into the new folder.
- (3) User A synchronises his client.
- (4) User B synchronises his client.

**Expected Results:**

- (a) Can both users see the new calendar folder in their client? ..... yes no
- (b) Can both users see the 3 new events in their client? ..... yes no

**2.21 Remove new calendar folder (basic test)**





**Precondition:**

Steps conducted as User A or User B as indicated.

**Steps:**

- (1) User A deletes the new calendar folder in his client.
- (2) User A synchronises his client.
- (3) User B synchronises his client.

**Expected Results:**

- (a) Is the new calendar folder deleted from User A's client? ..... yes no
- (b) Is the new calendar folder deleted from User B's client? ..... yes no

### 3 Contacts

**General Precondition:** User A has a configured Kolab Server account and three test contacts in its IMAP resource. Switch to the "Contacts" view.

#### 3.1 Create and modify a contact (basic test)

**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Create a new contact, enter at least Name, phone and email address..
- (2) Answer question a.
- (3) Modify name and phone number of this contact.
- (4) Answer question b.
- (5) Delete this contact.

**Expected Results:**

- (a) Is the new contact displayed in the list? ..... yes no
- (b) Does the display of the contact change? ..... yes no
- (c) Is the new contact deleted again? ..... yes no

#### 3.2 Synchronise New Contact From Server (Basic Test)

**Precondition:**

The steps should be done as User A or User B where indicated.

**Steps:**

- (1) User A creates a new account and synchronises to the server.
- (2) User B synchronises his client to the server.

**Expected Results:**

- (a) Is the new contact correctly displayed in User B's client? .....\_yes \_no

**3.3 Create, modify and delete a local distribution list (basic test)****Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Create a new distribution list with the first and the second contact.
- (2) Delete the second contact from the distribution list.
- (3) Add the third contact to the distribution list.
- (4) Look at the distribution list.
- (5) Answer question a.
- (6) Delete the distribution list.

**Expected Results:**

- (a) Does the distribution list include the first and the third test contact? .....\_yes \_no

**3.4 Concurrent modification of a contact (Complex Test)****Precondition:**

The steps should be done as User A or User B as indicated.

**Steps:**

- (1) User A modifies a contact in the client.
- (2) Before User A synchronises his client, User B modifies the same attribute of the same contact.
- (3) Both users synchronise within 5 seconds of each other.
- (4) Observe the result and answer question a.
- (5) After both client are properly synchronised, User A modifies an attribute in the same contact.
- (6) User B synchronises a different attribute in the same contact.
- (7) Observe the result and answer question b.



**Expected Results:**

- (a) Were you warned of the collision? ..... yes no
- (b) Were the changes merged into the contact? ..... yes no
- (c) Has there been no replication of the contact? ..... yes no

**3.5 Create a contact with a UTF8 display name**

**Precondition:**

The steps should be done as User A or User B where indicated.

**Steps:**

- (1) User A creates a new contact and sets the fullname to Mäxchen Müller-Strauß.
- (2) User A sets the email address to m.mueller-strauss@example.com.
- (3) User A synchronises his client.
- (4) User B synchronises his client.

**Expected Results:**

- (a) Is the contact correctly displayed in both clients? ..... yes no

**3.6 Re-synchronise a deleted contact**

**Precondition:**

The steps should be done as User A or User B as indicated.

**Steps:**

- (1) User A deletes a contact and synchronises his client.
- (2) User B synchronises his client.
- (3) User A resynchronises his client.

**Expected Results:**

- (a) The contact is removed from User A's client. .... yes no
- (b) The contact is removed from User B's client. .... yes no

**3.7 Search in the contacts resources (complex test)**

**Precondition:**

Search bar is available on the top. The steps should be done as user A.

## Steps:

- (1) Search for the domain part of the mail address of a test contact.
- (2) Look at the search result and answer question a.
- (3) Search for a name of a test contact.
- (4) Look at the search result and answer question b.
- (5) Search for a telephone number of a test contact.
- (6) Look at the search result and answer question c.
- (7) Search for something which doesn't match.
- (8) Look at the search result and answer question d.

## Expected Results:

- (a) Does the search result contain the test contact? ..... yes no
- (b) Does the search result just show the test contact? ..... yes no
- (c) Does the search result show a test contact with this telephone number? ..... yes no
- (d) Is the search result empty? ..... yes no

### 3.8 LDAP import test (basic test)

#### Precondition:

LDAP server configured, serving an entry which can be searched for. The steps should be done as user A.

#### Steps:

- (1) Open the import LDAP dialog.
- (2) Search for an address entry.
- (3) Add the found entry as contact with the Add Selected button.

#### Expected Results:

- (a) Is the searched address in the contact list of the resource? ..... yes no

### 3.9 New contacts folder (basic test)

#### Precondition:

Steps are conducted as User A using 2 different clients: 1 desktop client and Horde

#### Steps:

- (1) User A creates a new contacts folder in their desktop client.
- (2) User A synchronises their client.



**Expected Results:**

(a) Does the new contacts folder appear in both clients? .....yes no

**3.10 Share new contacts folder with others (basic test)**

**Precondition:**

Steps are conducted as User A or User B as indicated.

**Steps:**

- (1) User A configures the new contacts folder to allow User B read-only access.
- (2) User A adds three new contacts into the new folder.
- (3) User A synchronises his client.
- (4) User B synchronises his client.

**Expected Results:**

(a) Can both users see the new contacts folder in their client? .....yes no

(b) Can both users see the 3 new contacts in their client? .....yes no

**3.11 Remove new contacts folder (basic test)**

**Precondition:**

Steps conducted as User A or User B as indicated.

**Steps:**

- (1) User A deletes the new contacts folder in his client.
- (2) User A synchronises his client.
- (3) User B synchronises his client.

**Expected Results:**

(a) Is the new contacts folder deleted from User A's client? .....yes no

(b) Is the new contacts folder deleted from User B's client? .....yes no

## 4 Summary

**General Precondition:** User A has a configured Kolab Server account. Please read a complete test before you start to follow the steps.

**4.1 Test for activate and deactivate components (basic test)**

**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Deactivate Calendar and E-Mail.
- (2) Look at the summary and answer question a. of the expected results.
- (3) Activate Calendar and E-Mail.
- (4) Look at the summary and answer question b. of the expected results.

**Expected Results:**

- (a) Aren't the components Calendar and Mail in the summary? ..... yes no
- (b) Are the components Calendar and Mail back in the summary? ..... yes no

**4.2 Rearrange the component summaries (complex test)**

**Precondition:**

Some components are in the summary.

**Steps:**

- (1) Try to rearrange the components.

**Expected Results:**

- (a) Is this possible? ..... yes no

**4.3 Test of the email summary (complex test)**

**Precondition:**

Mail summary is activated. The steps should be done as user A.

**Steps:**

- (1) Open the summary view configuration.
- (2) Add the inbox to the observed folder of the Mail summary.
- (3) Send three mails to yourself.
- (4) Look at the summary and answer question a. of the expected results.
- (5) Read the third test mail.



**Expected Results:**

- (a) Does the Mail summary part show three unread mails in the inbox? ..... \_yes \_no
- (b) Does the Mail summary part show two unread mails in the inbox? ..... \_yes \_no

**4.4 Test of the calendar summary (complex test)**

**Precondition:**

Calendar summary is activated. No event is at the present day. The steps should be done as user A.

**Steps:**

- (1) Create three new events at the current day.
- (2) Look at the summary and answer question a. of the expected results.
- (3) Delete the third event.

**Expected Results:**

- (a) Are there three events in the calendar part of the summary? ..... \_yes \_no
- (b) Are there just two events in the calendar part? ..... \_yes \_no

**4.5 Test of the To-do summary (complex test)**

**Precondition:**

To-do summary is activated. The To-do list is empty. The steps should be done as user A.

**Steps:**

- (1) Open the summary view configuration tab "Pending To-dos".
- (2) Deactivate all Hide options.
- (3) Create three new to-dos.
- (4) Look at the summary and answer question a. of the expected results.
- (5) Delete the second to-do.

**Expected Results:**

- (a) Are three to-dos in the To-do summary view? ..... \_yes \_no
- (b) Are two todos in the To-do summary view? ..... \_yes \_no

## 5 To-do

**General Precondition:** User A has a Kolab Server account. Switch to the "To-do" view. The steps should be done as user A.

### 5.1 Tests of the To-do (basic test)

**Precondition:**

None.

**Steps:**

- (1) Create a to-do with the "New todo" button in the toolbar.
- (2) Create a todo with the new todo textfield at the bottom.
- (3) Look at the to-dos list and answer question a. of the expected results.
- (4) Change the first to-do to 40%.
- (5) Change the second to-do to 100%.
- (6) Delete the first to-do.
- (7) Choose "Purge Completed" from the context menu to delete all completed to-dos.

**Expected Results:**

- (a) Are two to-dos in the To-do list? ..... yes no
- (b) Are all to-dos deleted again after the last step? ..... yes no

### 5.2 To-do with recurrence (complex test)

**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Create a recurring event with three counts and a todo with unlimited count.
- (2) Complete the three count to-do for three times.
- (3) Complete the unlimited to-do for several times.
- (4) Look at the to-dos list and answer question a.
- (5) Delete the completed to-do.
- (6) Delete the unlimited to-do.

**Expected Results:**

- (a) Is the recurring todo completed? ..... yes no

### 5.3 To-do with dates (complex test)





**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Create a to-do with a date before today.
- (2) Create a to-do with the current date, but a time before today.
- (3) Create a to-do with the current date, but a time after today.
- (4) Create a to-do with a date after today.
- (5) Look at the colors of the todos.

**Expected Results:**

- (a) Is the to-do with a date before today red? ..... \_yes \_no
- (b) Are the to-dos at today yellow? ..... \_yes \_no
- (c) Is the to-do with a date after today white? ..... \_yes \_no

**5.4 Create a todo from a mail (complex test)**

**Precondition:**

Switch to the tab "Mail". The steps should be done as user A.

**Steps:**

- (1) Send a mail to his own account.
- (2) Create a to-do from the mail.
- (3) Change priority and completeness of the mail to-do.
- (4) Answer wuestion a.
- (5) Delete the todo.

**Expected Results:**

- (a) Is the mail to-do in the to-dos list? ..... \_yes \_no

**5.5 Manage a hierarchy of different to-dos (complex test)**

**Precondition:**

The steps should be done as user A.

**Steps:**

- (1) Create seven different to-dos.
- (2) Move the second, third and forth to-do under the first.
- (3) Move the fifth and sixth to-do under the second.
- (4) Move the seventh under the third.
- (5) Delete the forth, the third and the second to-do.
- (6) Delete the first to-do.

**Expected Results:**

- (a) Are all seven new created to-dos deleted after the last step? ..... yes no

**5.6 Re-synchronise a deleted task (Complex Test)**

**Precondition:**

The steps should be done as User A or User B as indicated.

**Steps:**

- (1) User A deletes a task and synchronises his client.
- (2) User B synchronises his client.
- (3) User A resynchronises his client.

**Expected Results:**

- (a) The task is removed from User A's client. .... yes no
- (b) The task is removed from User B's client. .... yes no

**5.7 New tasks folder (basic test)**

**Precondition:**

Steps are conducted as User A using 2 different clients: 1 desktop client and Horde

**Steps:**

- (1) User A creates a new tasks folder in their desktop client.
- (2) User A synchronises their client.

**Expected Results:**

- (a) Does the new tasks folder appear in both clients? ..... yes no

**5.8 Share new tasks folder with others (basic test)**



**Precondition:**

Steps are conducted as User A or User B as indicated.

**Steps:**

- (1) User A configures the new tasks folder to allow User B read-only access.
- (2) User A adds three new tasks into the new folder.
- (3) User A synchronises his client.
- (4) User B synchronises his client.

**Expected Results:**

- (a) Can both users see the new tasks folder in their client? ..... yes no
- (b) Can both users see the 3 new tasks in their client? ..... yes no

**5.9 Remove new tasks folder (basic test)**

**Precondition:**

Steps conducted as User A or User B as indicated.

**Steps:**

- (1) User A deletes the new tasks folder in his client.
- (2) User A synchronises his client.
- (3) User B synchronises his client.

**Expected Results:**

- (a) Is the new tasks folder deleted from User A's client? ..... yes no
- (b) Is the new tasks folder deleted from User B's client? ..... yes no

**6 KJots**

**General Precondition:** User A has a Kolab Server account. Switch to the "Notes" view.

**6.1 Create, rename and delete a book (basic test)**

**Precondition:**

None.

**Steps:**

- (1) Create a test book.
- (2) Add some text to the default page.
- (3) Rename the book.
- (4) Select the book and answer question a.
- (5) Delete the book.

**Expected Results:**

- (a) Is the text of the page displayed? .....yes no
- (b) Is the book deleted again? .....yes no

**6.2 Copy books (basic test)**

**Precondition:**

None.

**Steps:**

- (1) Create three test books (1, 2, 3).
- (2) Copy book 2 to book 1.
- (3) Copy book 3 to book 2.
- (4) Wait a moment and answer question a and b.
- (5) Delte the three books.

**Expected Results:**

- (a) Is 2 subbook of 1 and 3 subbook of 2? .....yes no
- (b) Are book 1, 2 and 3 subbook of the resource? .....yes no

**6.3 Move books (basic test)**

**Precondition:**

None.

**Steps:**

- (1) Create three test books (1, 2, 3).
- (2) Move book 2 to book 1.
- (3) Move book 3 to book 2.
- (4) Wait a moment and answer question a and b.
- (5) Delte the three books.



**Expected Results:**

- (a) Is 2 subbook of 1 and 3 subbook of 2? ..... \_yes \_no
- (b) Is book 1 subbook of the resource? ..... \_yes \_no

**6.4 Create, view and delete pages (basic test)**

**Precondition:**

None.

**Steps:**

- (1) Create a test books.
- (2) Create three test pages.
- (3) Enter text into the test pages.
- (4) Select the book.
- (5) Answer question a.
- (6) Delete the book.

**Expected Results:**

- (a) Are all pages displayed in the view of the book? ..... \_yes \_no

## 7 Crypto

**General Precondition:** Both user accounts have OpenPGP and S/MIME certificates and secret keys. Either knows the certificates of the other.

**7.1 Sending/Receiving encrypted and signed mails with OpenPGP (basic test)**

**Precondition:**

Both users have their gpg-agent running without cached passphrases, before starting client, either manually or automatically e.g. during log-in.

**Steps:**

- (1) A configures his identity with his OpenPGP key.
- (2) B configures his identity.
- (3) A sends a mail with OpenPGP encryption and signature to B.
- (4) Wait a moment.
- (5) B looks at the mails and while looking at the OpenPGP mail he enters his passphrases.

## Expected Results:

- (a) Can B decrypt the mail with his OpenPGP passphrase? ..... yes no
- (b) Is the signature of the mail valid (green)? ..... yes no

## 7.2 Sending/Receiving encrypted and signed mails with S/MIME (basic test)

### Precondition:

Both users have their gpg-agent running without cached passphrases, before starting client, either manually or automatically e.g. during log-in.

### Steps:

- (1) A configures his identity with his S/MIME key.
- (2) B configures his identity.
- (3) A sends a mail with S/MIME encryption and signature to B.
- (4) Wait a moment.
- (5) B looks at the mails and while looking at the S/MIME mail he enters his passphrases.

### Expected Results:

- (a) Can B decrypt the mail with his S/MIME passphrase? ..... yes no
- (b) Is the signature of the second mail valid (green)? ..... yes no