

Scenario 1: A user logs into the Jabber server and views the contact list.

1. User A starts up Mooch and the Login window appears.
2. User A enters his username in the username field.
3. User A enters his password in the password field.
4. User A clicks the “Setup” button.
 - a. A Login Configuration Window appears.
 - b. User A enters the desired jabber server.
 - c. User A presses Enter or clicks the “Ok” button.
 - d. The properties are saved by Mooch and will be used for subsequent logins.
5. User A clicks the “Login” button or presses enter.
6. Mooch displays a “Login in Progress” dialog.
7. Mooch establishes a connection to the Jabber server.
8. Mooch sends User A’s authentication information to the Jabber server.
9. The Jabber server accepts the authentication information.
10. The Jabber server sends User A’s contact list to Mooch.
11. The “Login in Progress” dialog closes and the contact list window is shown.
12. The contact list window displays all of User A’s contacts, with no status indication.
13. Each group is sorted in alphabetical order, since this is the sort method that User A has selected.
14. The Jabber server sends the initial status for each contact.
15. Mooch updates the display in the contact list according to each contact’s status.
16. As contacts’ statuses change, the Jabber server sends their updates status.
17. Mooch updates the contact list display whenever a new status message is received.
18. Whenever a contact’s status is updated after login, a sound alert is activated.

Scenario 1 Exception scenarios

- User A specifies an invalid server and the connection does not succeed.
- User A enters his/her authentication information incorrectly and the Jabber authentication fails.
- User A has no Jabber account but would like to create one.

Scenario 2: A user interacts with the contact list.

1. User A has successfully logged into Jabber and the Mooch contact list window is open.
2. User A selects the “+” button on the left of the unavailable contacts group to expand it.
3. User A selects a contact from the unavailable group and right-clicks on the contact name.
4. Mooch displays a pop-up menu with different actions related to the selected contact.
 - a. User A selects the “Edit alias” menu item
 - i. A “user-associated information” dialog pops up.
 - ii. User A modifies the alias of the contact and clicks the “Ok” button.
 - iii. The “user-associated information” dialog closes.
 - iv. Mooch sends the new alias to Jabber.
 - v. Mooch updates the display of the contact list with the new alias.

3. Since no instant message window for User B is open, Mooch opens a new instant message window.
4. Mooch adds User B's instant message to the instant message window.
5. Mooch plays the appropriate sound alert.
6. User A enters a new message to User B in the text input area of the newly opened instant messaging window and presses Enter or clicks "Send".
7. Mooch send the message to the Jabber implementation.
8. Mooch receives another message from User B.
9. Since a window is already open, User B's message is appended to the existing User B conversation window.
10. Mooch plays the appropriate sound alert.