

# Gabber Manual



## **Gabber Manual**

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## Chapter 1. Introduction

Gabber is a complete Gnome<sup>1</sup> Jabber client. This document describes version 0.8.4 of Gabber. More information about the authors of Gabber and a link to Gabber's web site can be found in Chapter 12.

To run Gabber, select Gabber from the **Internet** sub-menu of the **Main Menu**, or type `gabber` from the command line.

### Jabber

Jabber<sup>2</sup> is an extensible, open source Instant Messaging system that provides advanced IM features in a completely distributed environment.

### Notes

1. <http://gnome.org>
2. <http://jabber.org>



## Chapter 2. First Run

The first time `Gabber` is run, it will present the user with a step-by-step "druid" (or wizard) to help guide the user through setting up an account with Jabber or adding an existing account. After filling in the requested information, `Gabber` will be completely ready to run. Figure 2-1 shows one of the steps in the setup druid.

### Figure 2-1. Setup

Information given through the setup druid is stored and used for future `Gabber` sessions. This information can be modified from the Login dialog.



## Chapter 3. Main Window

After the step-by-step druid is complete, Gabber's main window will appear as shown in Figure 3-1.

Figure 3-1. Gabber

### Roster

Most of the real estate on the main window is taken up by the list of contacts or *roster*. Roster items (contacts) are grouped within separate user-definable groups. If no group is specified for a user, they will fall within the *Unfiled* group. Server agents are listed in the special group, *Agents*. If users within a group are online, Gabber will display the number of users online within parenthesis following the group name. The next section, the section called *Status* explains user status information. Several options to manipulate the roster view are available from the **Roster** sub-menu in the **Gabber** menu.

**Server-Side Roster:** Jabber clients keep a list of a user's contacts in a server-side *roster* or a "Buddy List." All roster information is kept on the server. This makes it easy to move between different clients and makes the pain much less after accidentally erasing the client information.

### User Context Menu

By right clicking on a user in the roster, Gabber will load a user context menu to allow the user to manipulate functions directly related to the highlighted user. The following options are available:

- **Message... (Ctrl-M)** Sends a regular message to the user.
- **One-on-One Chat... (Ctrl-O)** Begins a one-on-one chat with the user.
- **Send Contacts...** Loads the Send Contact(s) dialog.
- **View Contact Info... (Ctrl-I)** Loads the Edit User dialog.
- **Edit Groups...** Loads the Edit Groups dialog.
- **View History...** Loads a log of messages in a web browser.
- **Resubscribe** Sends a subscription request to the specified user.
- **Delete User (Ctrl-D)** Removes the user from the roster.

## Status

### Status for Roster Items

Status information (Available, Chatty, Away, Extended Away, Do Not Disturb) for users on the roster can be represented by icons to the left of the user and by the text color of the user's name. A lighted bulb and light blue text, for example, means the user is online and available; a XA sign and dark green text reflects that the user is Extended Away.

The latest status information about a user on the roster will be shown on the status bar. Figure 3-1 gives an example of an active status bar and the status of various users.

Status information about a user will not appear until a *subscription* has been successfully approved and processed by the other user. See the section called *Subscriptions* in Chapter 7 for more information about subscriptions.

Status icons can be disabled from the Preferences dialog.

### User Status

If the *Gabber* user is currently logged into Jabber, the user's online status information will be displayed in the Status button on the toolbar underneath the Roster. The previous screenshot shows the user as Available.

To change the status information, click the drop down status box and select the desired status. The User Status dialog will then load so that a custom message can be specified. After clicking **Update Status**, the updated status will be sent to users on the roster.

The status toolbar can be disabled in the Preferences dialog. Current status can still be changed from the **Presence** sub-menu on the *Gabber* menu.

## Toolbar

The toolbar gives the user quick access to commonly used functions such as adding a new user, joining a group chat, and loading the manual. By hovering over each icon on the toolbar, a short description of the function of each icon will be displayed.

- Add Contact - Loads the Add User dialog.
- Browse Agents/IM Systems - Loads the Agents Browser to register with agents and other Instant Messaging systems.
- Join a Group Chat - Loads the Group Chat login dialog to begin a group chat (conference).
- Gabber Manual - Shows this manual.

The toolbar can be disabled from the Preferences dialog.

## Menu Bar

The menu bar located at the top of Gabber's main window, provides the following commands:

### Gabber

- **Presence** Allows the current status to be changed. See the information about the User Status dialog for complete information.
- **Login... (Ctrl-L)** If the user has not logged in yet, this menu item loads the Login dialog to allow the user to specify login information and to connect to the server.
- **Logout** After being logged in, the **Logout** menu item allows the connection to be terminated. Activating Logout during a login procedure will cancel the current login routine.
- **Hide Offline Users (Ctrl-H)** Hides users who are offline on the roster. Note that this does not hide offline agents.
- **Roster** A sub-menu that includes several options for the manipulation of the roster
  - **Export Roster...** Exports the entire roster to a file for backup purposes.
  - **Import Roster...** Imports a roster from a file that was previously exported.
  - **Hide Offline Contacts (Ctrl-H)** Hides contacts who are currently offline.
  - **Hide Agents** Hides the entire Agents group.
- **Connection Settings...** Loads the Connection Settings dialog to edit the information used when logging in to a Jabber server.
- **My Information...** Loads the My Information dialog for editing information stored in the Jabber Users Directory.
- **Preferences...** Loads the Preferences dialog to allow the user to customize Gabber.
- **Exit (Ctrl-Q)** Exits Gabber.

### Services

- **New Blank Message...** Creates a new blank message to an unspecified user.
- **Add Contact... (Ctrl-U)** Loads the Locate User druid.
- **Add Group...** Assists in adding a new user group to the roster.
- **Browse Agents/IM Systems... (Ctrl-B)** Loads the Agents Browser to register with agents and other Instant Messaging systems.
- **Join Group Chat... (Ctrl-C)** Loads the Group Chat login dialog to begin a group chat (conference).
- **Jabber Message Rules (Ctrl-R)** Loads the Jabber Message Rules List dialog to allow the customization of how incoming messages are handled.

## Help

- **Gabber Manual...** Shows this manual.
- **About...** Shows basic information about Gabber.
- **Debug** Contains several options for debugging or testing the Jabber connection. Often used by developers to get more "hands-on" access to the Jabber stream.

## Chapter 4. Logging In

After `Gabber` is loaded, the first thing to do is connect and log in to a Jabber server. Figure 4-1 shows the default Login dialog where information about a user account can be entered.

### Figure 4-1. Login

After entering user information into the required *Username*, *Server* and *Password* fields, click **Login** to connect and authenticate to the server. The *Resource* field is required (see below). Unless some unique circumstances are involved, the *Port* field should equal 5222, Jabber's default port. The priority option is not required to be changed unless desired (see the definition below).

All of the information on the Login dialog can be edited from the Connection Settings dialog, accessible from the **Gabber** menu.

#### Server

As Jabber is a distributed architecture like the Internet's email system, the *Server* field is required. If no other Jabber server is available, the `jabber.com` server is currently available for public, stable use.

#### Resource

A *Resource* in Jabber is used to differentiate between different account connections. It can be any value such as "Gabber" or "Home" as long as it is unique for the account. By having unique Resources, a user can login to the same server using the same Jabber account numerous times.

#### Priority

Using priorities, another client can be connected to take lower or higher priority than existing clients. For instance, if `Gabber` is connected at priority 0 and another `Gabber` session is initiated at priority 1, the client with priority 0 will receive incoming messages (unless the message is bound specifically to the lower priority client).



## Chapter 5. Agents

Jabber servers can have *agents* (*orservices*) to give the user extra functionality. An agent is simply a server module that the server loads for things like searching for users through the Jabber directory, or group chats.

A *transport* is a subset of agents that seamlessly bridges users to foreign protocols. By registering with a transport agent, a user can communicate with users on other networks with little effort.

### Registration

In order to use most agents, they must be registered with. After logging in to a server, the Agents Browser, available via **Browse Agents/IM Systems** on the **Services** menu, lists agents on the current server. Other servers can be browsed by typing the address in the server text box and clicking the **Browse** button.

To register with an agent, highlight the agent's name in the agent list and click **Register...** The Agent Registration druid will load to allow the user to enter specific information that the agent requires.

**Agent Reliability:** Since the various agents are not actually a part of Gabber, they may experience unexpected outages that are beyond Gabber's control. If messages such as "error attempting to register with agent" or "error attempting to search agent" appear, they mean something is wrong with the agent on the server. Contact the server administrator.

### Searching

By selecting an agent and clicking on **Search...**, Gabber will load the Add a User to Your Roster druid. From there, users on the agent's network can be searched and added to the roster.



## Chapter 6. User Information

Through the Jabber Users Directory (JUD), Jabber users can store their "vCard" for other users to reference or search. Users are free to not list any information about themselves in the directory. *Gabber* provides an easy way for the user to list their self in the directory through the My Information dialog accessible via the **My Information** item on the **Gabber** menu.

### JUD

To disable publishing personal information to JUD, simply select the *Do not publish my information in JUD* option in the JUD tab and confirm the dialog.

### vCard Information

Information entered on the General Info, Personal Info, Location, Organization and About tabs are stored on the server in the *vCard* format. This information is available to other users and for searching for other users. The basic information provided on the General Info tab is also used for Jabber user searching.. To disable public searching of information, see above.

More information about the vCard XML specification used by Jabber can be found at [vCard-XML.org](http://vcard-xml.org)<sup>1</sup>

### Notes

1. <http://vcard-xml.org>



## Chapter 7. Managing Users

Since the roster is the central point of *Gabber*, several functions are provided for managing the users and groups that make up the roster.

### Subscriptions

A subscription request must be sent and approved by a user before being able to see their status. When adding a user, *Gabber* automatically sends a subscription request to the user being added. To manually send a subscription request (useful for when a friend accidentally denied a request), select **Resubscribe** from the **User Context Menu** (see the section called *User Context Menu* in Chapter 3).

On the receiving end of a subscription request, *Gabber* displays the Subscription Request dialog. This dialog also allows the user to add the sender to the roster and to rename the nickname used for the user (to be displayed throughout *Gabber*). After changing the customizable information, simply approve or deny the request by clicking **Yes** or **No**.

### Adding Users

To add a user, load the Add User druid by selecting **Add Contact...** from the **Services** menu or the first icon on the toolbar. The Add User druid will step through the entire process of adding a new user. If the new user's address is not known, the druid allows for searching through several Jabber user databases to find the user. Directions are provided through every step of the process.

### Editing Existing Users

The Contact Information dialog (loaded from **User Context Menu**, **View Contact Info...**), displays a dialog for editing the user's nickname and viewing personal information, current status, client information, location, and other specifics.

Group management is accessible via the Edit Groups dialog (available from **User Context Menu**, **Edit Groups...**).

### User Information

To find out all of the little details about a person on the roster, the Contact Information dialog is where to do it. Everything from their presence and status to their email address to their birth date to their operating system is listed within the tabs of the Contact Information dialog.

Above the tabs are two important fields that list the person's Jabber ID and their resource. Use the drop down box to fetch resource specific information such as presence, GnuPG signature and client information.

The General Info, Personal Info, Location, Organization and About tabs provides current vCard information (full name, email address, address, web site, etc.) about a user. This information is submitted through the user's client. *Gabber* provides editing of vCard information from the My Information dialog. The value of the *Nickname* field is used for display in the roster and in messages. The nickname field is editable.

In addition to vCard information, the General Info tab shows two valuable bits of information. Exact status (or "away") messages given by the user are listed in the Presence and Status text area. This status information is set in Gabber through the Status toolbar (see the section called *Status* in Chapter 3 for more information). Below is a small icon that provides information about the GnuPG signature of this user. Hovering over this icon will indicate if the user has signed their presence and is thus able to receive encrypted messages. If the person did sign their presence, clicking on this icon will provide information on the signature. See the section called *Encrypted Messages* in Chapter 8 for more information about signatures and encrypted messages. Another useful bit of information is found in the Subscription area where the current status of subscriptions with this user is displayed. the section called *Subscriptions* explains subscriptions in greater detail.

The Client Info tab shows information queried from the user's client application. If no information is shown or if the fields are blank, the user's client does not support that type of query.

## Edit Groups

The context sensitive Edit Groups dialog allows users to be easily added and removed from groups. At the top of the dialog the user's nickname and JID is listed for reference. The left side of the dialog lists groups that the user currently belongs to. Using the central **Add** and **Remove** buttons, the user can be added and removed from the available groups on the right side of the dialog by selecting a group in one of the two lists and clicking the appropriate button. To add a new group, simply type the name in the Group text box and click the **Add** button.

## Send Contact(s)

An extremely handy feature of Gabber is found in the Send Contact(s) dialog. This dialog allows contacts from the roster to be easily sent to other users.

After loading the dialog from the **User Context** menu, drag users from the main roster to the list in the dialog. Then information about the user can be displayed or the contact can be removed from the list. When all of the desired contacts are added, click the **Send** button to send the list to the specified user. As a small warning, there will be no confirmation if the list is received or not.

## Deleting Users

To delete a user from the roster, simply right click on the user and select **Delete User** from the **User Context Menu** (see the section called *User Context Menu* in Chapter 3).

## View History

If set in the Preferences, Gabber will log conversations between users. If logs are set to be saved as XHTML, **View History...** on the **User Context Menu** will load the log into the default GNOME web browser.

## Chapter 8. Messaging & Chatting

Since the first instant messaging client, there have been numerous ways to send and receive messages with other users. Two distinct interfaces have been developed for one-on-one communication, and nearly all commercial and open source clients now adhere to these two “standards.” For group communication, a style similar to GUI IRC chat has developed.

### Encrypted Messages

Through the use of GnuPG<sup>1</sup>, a free software replacement for PGP, Gabber can send and receive encrypted messages with other Jabber clients capable of message encryption. Before being able to use encryption, GnuPG must already be configured and a public key must already be sent to a public key repository. Refer to GnuPG’s web site<sup>2</sup> for complete information about this process.

To start using encryption, it must be enabled on the Encryption tab in the Preferences dialog. After selecting a secret key to use, apply the changes and close the dialog. The passphrase will then be requested for the key. After receiving the correct passphrase, Gabber will notify users on the roster that encrypted messages can be sent and received.

The option to send encrypted messages is given on each message dialog. If an incoming message or conversation is encrypted, a locked padlock will be shown. Otherwise, an unlocked padlock will be shown in the dialog.

### Message Queueing

By default all messages are queued in Gabber’s spool. This means that the message will not automatically show on screen but will instead wait to be opened. If Gabber is closed before messages are viewed, it will store them until the next time Gabber is run. When a new message is received from a user on the roster, the user’s name will flash with an alternate color and the status icon will change to a flashing message. To access the message, just double click the user. If the group the user is in is not expanded, the group name will flash. In addition to roster visual notifications, the GNOME status docklet icon will indicate a new message. Double click the icon and the new message will be viewable.

Customization of queueing behavior is available from the Messages Preferences.

### Normal Messages

The most common format is modeled after Mirabilis ICQ’s send and receive dialogs. This format is similar to email messages in that the entire conversation is not contained (or shown) within a window, but only the current message.

### Sending a New Message

To send a normal message to a user in Gabber, right click on a user in the roster and select **Message**. A Send Message dialog appears (shown in Figure 8-1) for the user to

type a message.

Figure 8-1. Send Message

## Responding to Messages

When a normal message is received, a new window will be created to contain the received message and a text entry box for the user to input a response. If more messages are received from the same person, the **Read Next** button will become active to allow the user to view the next received message. To turn display of received messages off, simply toggle the **Received Message** button on the message toolbar. After typing a message into the *Reply to:* entry box, simply click **Send** to send the message. If the **Don't close this dialog** button on the toolbar is toggled, the message will be sent and the message entry dialog box will be cleared for a new message. If the option is not toggled, the dialog will then close and any unviewed messages will be lost.

## Options

Gabber provides several options when sending a normal message. These options are available via the simple toolbar at the top of each normal message. The following options are available (some options are only available when responding to a message):

- Quote Received Message in Reply - Copies the received message into the send message text box for editing.
- Send as One-on-One Chat - Specifies that upon receiving a response from the receiver, Gabber should load the rest of the conversation in a One-on-One chat.
- Encrypt this message - If encryption is configured and enabled properly, this option will be available to allow the message to be encrypted. If the recipient does not have a public key, Gabber will respond with an error and ask if it is acceptable to send the message without encryption.
- Show/Hide Advanced Options - Toggles viewing of more advanced options.
- Don't close this dialog - After sending the current message, Gabber will clear the text and allow for a new message to be entered from the same dialog.
- Show/Hide Received Message - Toggles viewing of received message.
- Add this User to Roster - Loads the Add User dialog to add the current user to the roster.
- View Contact Info - Loads the Contact Information and queries the server for this user's information.
- Message History - Loads the history dialog with the complete message history of this user.

## One-on-One Chats

Another popular format for sending and receiving messages is styled after America Online's Instant Messenger. One window is loaded with the entire conversation contained in the window. The window contains one main area for the conversation, different options for sending a message may be shown and a small input line for entering the messages is at the bottom of the window. Each message is prepended with the author's user name in brackets (<>).

The user's current status is displayed below the toolbar for reference, as well as an icon indicating as to the status of encryption. If the lock is unlocked, the messages are not being encrypted. To see specific information about the user's status or encryption, hover the mouse over the icons for a few seconds.

To start a one-on-one chat with a user in the roster, right click on their name and select **One-on-One Chat**. Once the One-on-One window is loaded, simply type a message in the lower entry box and press **Enter**. Messages that the user sends will be prepended with the user name and messages from the other user will be prepended with their nickname.

Figure 8-2. One-on-One Chat

## Options

Like normal messages, one-on-one chats have several options available from a toolbar along the top of the chat window. The following options are available:

- **Send as Normal Message** - If enabled, messages sent to the user are sent as normal messages. This is useful, for instance, to gain the receiver's attention since the message will probably appear in front of any other windows that are open on their desktop.
- **Encrypt this message** - Similarly to normal message encryption, if encryption is configured and enabled properly, this option will be available to allow the conversation to be encrypted. If the recipient does not have a public key, Gabber will respond with an error and ask if it is acceptable to send the message without encryption.
- **Add this User to Roster** - Loads the Add User dialog to add the current user to the roster.
- **View Contact Info** - Loads the Contact Info dialog and queries the server for this user's information.
- **Message History** - Loads the history dialog to view the entire history of messages with this user.

## Group Chats

### Joining a Group Chat

Upon initiating **Group Chat** from the **Services** menu, the Join Group Chat dialog will load for the user to fill in the required group chat information. After filling in the desired information, click **Join Room** to join the discussion.

### Jabber Group Chat

To join a Jabber group chat the room and the group chat server. Jabber.org runs a public group chat server at conference.jabber.org. The protocol should be set to "Jabber Group Chat".

**Jabber Group Chat Backlog:** The Jabber group chat server will send the last 20 messages that were sent in the room to any users joining. This is a highly useful feature that allows new joiners to see what is being discussed instead of just being thrown right into the conversation.

### IRC

To join an Internet Relay Chat (IRC) channel, set the server to "irc.jabber.org", change the protocol to "IRC" and set the IRC server to whichever IRC server is desired. The channel name must be prefixed with an ampersand (&) or a hash (#).

As an example, to join the main GNOME IRC channel with *Gabber*, enter "#gnome" for the room, enter "irc.jabber.org" for the server, change the protocol to "IRC" and input "irc.gimp.net" in the IRC server field.

## The Main Attraction

After logging into group chat, the main Group Chat window is shown. Along the top is the toolbar with various commands to manipulate the group chat. In the center of the window, there are two text areas. The left text box is the main chat area where all the messages are passed back and forth among the chat members. To the right of that area is the list of current participants in the chat and their current status. To change the status of the user in the group chat session, simply select the desired state from the drop down box beneath the list of group chat participants. On the bottom left is an input text box where the user can type messages. After pressing **Enter**, the message will be sent to all the participants and will appear in the main chat box.

### Group Chat Toolbar

- Invite Contacts - Loads a dialog to allow contacts to be invited to the discussion.

- Show/Hide Users in Group - Allows the side panel of group chat participants to be toggled on and off.
- Message History - Loads the history dialog to view the entire history of messages with this group.

## Subject

To change the subject (or topic) of the current group, type or edit the subject in the *Subject*: text box and press the **Enter** key.

## Jabber Message Rules

Unique to Jabber is the ability to setup message rules. Message rules allow incoming messages to be handled differently based upon criteria such as current presence status; message type; incoming message type, subject, sender or receiver. The current interface in *Gabber* for message rule editing is designed for quick editing and is not the final interface for rule editing. To access the Jabber Message Rules List dialog, select **Jabber Message Rules...** from the **Services** menu.

The Jabber Message Rules List dialog is largely self-explanatory. A rule is listed by an arbitrary title in the main list and can be set to a higher or lower priority with the **Up** and **Down** buttons. A rule can be edited or removed with the **Edit...** and **Remove** buttons. Since the edit rule dialog is the same as the add rule dialog, it will not be explained. After all edits to the rules are completed (including adding, removing and changing the priority), click the **Save Changes** button and then close the dialog.

Jabber Message Rules are stored on the server and are processed entirely by the server. Because of this, a Jabber client does not need to support Jabber Message Rules to be affected by them. Also, some rules will be processed even while the user is not connected to the Jabber server.

## Adding a Jabber Message Rule

To add a new rule, click the **Add...** button on the Jabber Message Rules List to bring up the Add a Jabber Message Rule dialog. First, enter a unique identifying name for the rule in the rule name text box. Then add at least one condition for the rule to be enacted upon by clicking the **Add** button in the Condition area. A blank condition will appear to allow editing or removal. Simply set the drop down box to the desired condition and if necessary, type a string in the text box next to the selection box. For instance, if the rule is "If the message is from..." then the user's JID (e.g., user@host) would be typed in the text box.

The following is a current list of options for "my status is..." and "the message type is..." These are actual pieces of the Jabber protocol and must be entered exactly as shown.

## Status Types

away

Away

chat

Chatty

xa

Not Available

dnd

Do Not Disturb

### Message Types

normal

A "normal" message, see the section called *Normal Messages*.

chat

An One-on-One chat message, see the section called *One-on-One Chats*.

groupchat

A groupchat message, see the section called *Group Chats*.

headline

A headline message. There is not currently an interface in `Gabber` to handle headline messages properly.

After selecting at least one condition for the rule to be acted upon (more than one condition can be specified), actions can be added. Adding an action works the same way as adding a condition. Message types are the same as above and when forwarding a message, a valid JID must be entered. Again, multiple actions may be entered.

To remove any condition or action, simply click the **Remove** button to the right of the condition or action.

### Notes

1. <http://www.gnupg.org>
2. <http://www.gnupg.org>

## Chapter 9. Status Docklet

Gabber's status docklet allows users of the GNOME panel to have quick and easy access to hiding the main window, viewing the current status, preferences and more. In future revisions, Gabber will allow for viewing of waiting messages from the status docklet.

To add a Status Dock to the GNOME panel, simply right click on an existing panel, and select **Status Dock** from the **Add to Panel** menu. Whenever Gabber runs, it will place a small light bulb in the Status Dock. To hide and unhide the main Gabber window, simply left click on the light bulb. The following options are also available from the right click menu:

- Presence - Allows quick access to change the current status.
- Login... - If the user has not logged in yet, this menu item loads the Login dialog to allow the user to specify login information and to connect to the server.
- Logout - If the user is already logged in, this item will allow the user to log off the server.
- Preferences... - Loads the Preferences dialog to allow the user to customize Gabber.
- About... - Shows basic information about Gabber.
- Hide Main Window - Hides the display of the main Gabber window. Does not hide any conversations or sub-dialogs.
- Show Main Window - Redisplays the main window after hiding it.

**Note:** For more information about the Status Dock, see the Panel manual<sup>1</sup>.

### Notes

1. [gnome-help:panel?specialobjects](http://gnome-help:panel?specialobjects)



## Chapter 10. Preferences

The Preferences is accessible via the **Preferences...** option in the **Gabber** menu. It provides a central location for the user to customize various levels of the way Gabber behaves. Options are available to customize logging, the appearance of the roster, the way messages are sent and received by default, among others.

### Interface

The Interface preferences tab has several options to affect the display of the main window, as well as options to enable spelling and the status docklet.

### Main Window

Gabber can keep a memory of the main window size and position if desired. Note that some window managers will conflict with this memory and may cause the window to not appear exactly in the right position.

The other option available here is whether or not Gabber should display icons on the roster or not.

### Toolbars

In addition to being able to manually move the toolbars on the main window around, they can also be disabled. For more information about the main toolbar and the status indicator, see the section called *Toolbar* in Chapter 3 and the section called *User Status* in Chapter 3.

### Spelling

If this option is enabled, Gabber will attempt to spell check messages while the message is being composed. If the text turns red, the word has been identified to be misspelled. Right click on the word to load a menu with possible words to replace the highlighted one.

### Status Docklet

The status docklet can be added or removed from the GNOME panel dock with this option.

### Messages and Chats

Sending and receiving of messages can be customized in detail to suit a user's preference. If one-on-one chats are always preferred, simply enable the option to send all messages as a one-on-one chat by default and enable receiving all messages as one-on-one chats.

All incoming messages can be queued, or stored, for viewing. To disable queuing for specific types of messages, enable the option to automatically open the appropriate message type. Most users will want to automatically open one-on-one chats. See the

section called *Message Queuing* in Chapter 8 for more information about message queuing.

## Encryption

The Encryption preferences dialog has a few very simple options to enable message encryption.

## Auto-away

Gabber can automatically change the current status in case the user forgets to change the status before leaving. After a specified time, Gabber will change the status message to the one specified on this dialog as well as set the status to away. After being Away for a specified time, the user will be put into Extended Away.

## Logs

Gabber can keep a complete log of incoming and outgoing messages for future retrieval. Most users will want to enable this feature for future use. To save disk space, logs may be purged once a month. It is advisable to save the logs in XHTML format for viewing in a web browser.

## Chapter 11. Reporting Bugs

To help make Gabber a more stable and useful program, we encourage you to submit bug reports to SourceForge <sup>1</sup>'s Bug Reporting system<sup>2</sup>.

### Notes

1. <http://sourceforge.net>
2. [http://sourceforge.net/bugs/?func=addbug&group\\_id=1934](http://sourceforge.net/bugs/?func=addbug&group_id=1934)



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To find more information about Gabber, please visit its web site<sup>1</sup>.

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### Notes

1. <http://gabber.sourceforge.net>



## Chapter 13. License

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### Notes

1. `gnome-help:gpl`
2. <http://www.fsf.org>

