Chat - a tool for serious work

- Chat vs. telephone
  - logging
  - copy & paste

- Chat vs. meeting in person
  - distributed work
  - logging
  - less intrusive

- Chat vs. e-mail
  - real-time answers
jabber

- What?
  - Instant messenger
  - Group chat

- Why?
  - Accounts
  - Buddy list ("roster") on server
  - User directory
  - Encryption
  - Open protocol
Clients

- gaim
  - missing: services (UD), raw XML
- kopete
  - missing: group chat
- psi
  - missing: SSL/TLS plugin

Recommendation: psi
Register

Please choose a friendly **Name** that Psi can use to refer to this account.

Click the **Register New Account** checkbox if you want Psi to try and create an account for you on a remote server. If you are adding an existing Jabber account then leave this box unchecked.

Name: DemoGF

☑ Register new account

[Image of a window with Psi: Add Account dialog]

Close  Add
Psi: Register Account

Account:
Jabber ID: demogf@jabber.is.informatik.uni-duisburg.de
Password: ***
Confirm Password: ***

Proxy:
None

Advanced:
- Use SSL encryption (to server)
- Manually Specify Server Host/Port:
  Host: 
  Port: 5222

PSI

Close
Register

2004-04-14
Gudrun Fischer: jabber
Add contact from online list
Add contact via menu

To add a Jabber user, simply fill out the Jabber ID (and optional nickname and group) at the bottom and press Add.

To add a contact from a non-Jabber service, make sure you are registered with the service first (see Service Discovery from the main menu), and then select the service from the box at the top. Follow the instructions in the

2004-04-14  Gudrun Fischer: jabber
Authorize contact

[Image: A screenshot of a Jabber client window showing a message from henrik@jabber.is.informatik.uni-duisburg.de. The message reads: "This user wants to subscribe to your presence. Click the button labelled "Add/Auth" to authorize the subscription. This will also add the person to your contact list if it is not already there." ]
P2P chat
P2P chat (2)

Hallo, Henrik, dies wird ein Screenshot in letzter Minute für den Jabber-Vortrag ;-)

...und noch mehr, was ich Henrik schreiben könnte...
Group chat

Main menu – Join Groupchat

![Psi: Join Groupchat Window]

- **Identity:** DemoGF (demogf@jabber.is.informatik.uni-duisburg.de)
- **Recent:** GF on test@conference.localhost
- **Room information:**
  - **Host:** conference.localhost
  - **Room:** mygroup
  - **Nickname:** demo

[Close]  [Join]
Group chat (2)

[10:12:41] *** mygroup
[10:12:41] *** This room supports the MUC protocol.
[10:12:41] *** demo has become available
[10:13:07] <demo> cool, I have my very own group chat room
User directory

Main menu – Service Discovery

![Psi: Service Discovery window](image)

- **Address:** jabber.is.informatik.uni-duisburg.de
- **Node:**

<table>
<thead>
<tr>
<th>Name</th>
<th>JID</th>
<th>Node</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jabber Server</td>
<td>jabber.is.informatik.uni-duisburg.de</td>
<td></td>
</tr>
<tr>
<td>Jabber User Directory</td>
<td>jud.localhost</td>
<td></td>
</tr>
</tbody>
</table>

- **Auto-browse into objects**
- **Automatically get item information**
User directory (2)

![User directory screenshot](image)

<table>
<thead>
<tr>
<th>Nickname</th>
<th>First Name</th>
<th>Last Name</th>
<th>E-Mail Addr</th>
<th>Jabber ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gudrun</td>
<td>Gudrun</td>
<td>Fischer</td>
<td>fischer@is... gudrun@jabber...</td>
<td></td>
</tr>
<tr>
<td>prometoys</td>
<td>Keywan</td>
<td>Najafi Ton...</td>
<td>najafi.tone... prometoys@ja...</td>
<td></td>
</tr>
<tr>
<td>sk</td>
<td>Sascha</td>
<td>Kriewel</td>
<td>sascha.kri... <a href="mailto:sk@jabber.is.in">sk@jabber.is.in</a>...</td>
<td></td>
</tr>
</tbody>
</table>
Status

- Show if you are available
- How long you will be away
- What you are occupied with
XML console

Main menu – XML Console

```
<iq type='set' to='jabber.is.informatik.uni-duisburg.de'>
  <query xmlns='jabber:iq:register'>
    <remove/>
  </query>
</iq>
```
Unregister

Main menu – Account Setup – Remove

![Psi: Remove Account window]

Remove Account:
- Remove account from Psi only.
- Remove account and try to unregister it from the server.

Password: ***
Jabber at IS

- Server
  jabber.is.informatik.uni-duisburg.de

- User directory
  jud.localhost

- Group chat
  conference.localhost
Bots

- **XteaBot**
  xtea@jabber.is.informatik.uni-duisburg.de
  - Broadcasts food/drink offers
  - Answer with 0...9

- **HyREX query on bibdb**
  bibdb@jabber.is.informatik.uni-duisburg.de
  - find /#PCDATA $author:plainname$ "fuhr"
  - help
When to use jabber at IS

- Spontaneous, short question
- Remote location (e.g. home)
- See who is available
- Show as available
- Share commands or code
- Invite group to tea, lunch, etc.
Websites

- http://www.jabber.org/
- http://psi.affinix.com/
- http://gaim.sourceforge.net/
- http://kopete.sourceforge.net/