Recently testing.bitlbee.org was down for more than a day so I decided to create my own Bitlbee gateway

Install

Well, nothing special.

Configuration

Server config

All of this takes place in /etc/bitlbee/bitlbee.conf

```
RunMode = Daemon

User = bitlbee

DaemonInterface = 0.0.0.0
DaemonPort = 6667

AuthMode = Open
#AuthMode = Registered
```

Once registered, you can switch the Authmode to Registered

System

```
chown -R bitlbee:bitlbee /var/lib/bitlbee
```

Then start the bitlbee daemon.

```
systemctl start bitlbee
```

You can also enable the bitlbee daemon to run on startup like so:

```
systemctl enable bitlbee
```

Service

Register

First thing to do, connect via your IRC client, then go to the &bitlbee channel:

```
register
/oper
<enter a nice password>
```

Should display:

```
@root -> Account successfully created
```

afortier Now you can switch the AuthMode (see above)

Add accounts

Jabber

```
account add jabber me@myself.com P4ssw0rd
```

Facebook

I recommend using the bitlbee-facebook plugin (see References below)

```
account add facebook <your email> <your password>
account <number> on
```

Google Talk

❗ Group chat / Hangout is NOT supported ❗

```
account add jabber me@gmail.com
```

Output:

```
@root -> Account successfully added with tag gtalk
@root -> You can now use the /OPER command to enter the password
@root -> Alternatively, enable OAuth if the account supports it: account
gtalk set oauth on
```

OAuth is your friend!

```
account gtalk set oauth on
```

Output:

```
@root -> oauth = `on'
```

Activate the account:

```
account gtalk on
```

A new window opens called 'jabber_oauth' with a huge link that opens a Google page. You have to authorize Bitlbee then paste the code from the text field in this new window. Once pasted, the following message appears in 'jabber_oauth': jabber_oauth is offline and in &bitlbee:

```
@root -> gtalk - Logging in: Starting OAuth authentication
@root -> gtalk - Logging in: Requesting OAuth access token
@root -> gtalk - Logging in: Connecting
@root -> gtalk - Logging in: Connected to server, logging in
@root -> gtalk - Logging in: Converting stream to TLS
@root -> gtalk - Logging in: Connected to server, logging in
@root -> gtalk - Logging in: Authentication finished
@root -> gtalk - Logging in: Server changed session resource string to
`BitlBee666777888'
@root -> gtalk - Logging in: Authenticated, requesting buddy list
@root -> gtalk - Logging in: Logged in
```

Useful Commands

Accounts

- List

  ```
  account list
  ```

- Delete

  ```
  account <number> del
  ```

- Connect/Disconnect

  ```
  account <number - optional> on
  ```

  Will connect them all if no number is given

- Change password

  ```
  account <number> set password <new_password>
  ```

- Tags

```
account <number> set tag <new tag>
```

- Settings

```
account <number> set
```

Nick

- Info

```
info <nick> Nice for the nicknames of Google
```

- Rename

```
rename <nick> <new nick>
```

- List
  2 ways:
  - `/names`
  - `blist`

Requests

- List

```
qlist
```

</code>

IRSSI integration

If you have a nice IRSSI, you can add these nice commands:

Identify

```
/channel add -auto -botcmd '/say identify\; /oper' &bitlbee bitlbee
/save
```

OTR

Fix Me! To be completed/tested

References

- https://wiki.archlinux.org/index.php/Bitlbee
- http://510x.se/notes/posts/Install_and_setup_BitlBee/
- https://subfictional.com/2013/05/09/how-to-install-bitlbee-irc-to-chat-and-twitter-gateway-on-ubuntu/
- https://wiki.bitlbee.org/
- https://wiki.bitlbee.org/FAQ
- https://wiki.bitlbee.org/ChangingPasswords
- https://github.com/jgeboski/bitlbee-facebook
- https://help.ubuntu.com/community/Bitlbee
- https://wiki.bitlbee.org/bitlbee-otr
- https://www.bitlbee.org/user-guide.html#cmd_add

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