For the web interface, we will install qwebirc and proxy it through Nginx on Ubuntu 12.04 Precise Pangolin. The instructions for qwebirc are kind of in different places, so hopefully this will help someone.

In my case JDK is already installed, so the dependencies I needed where

```
sudo apt-get install python python-twisted python-twisted-bin
  python-twisted-core python-twisted-runner python-twisted-names
  python-twisted-mail python-twisted-words python-twisted-web
  python-zope.interface python-openss mercurial
```

Download the source somewhere

```
hg clone http://hg.qwebirc.org/qwebirc qwebirc
```

I decided to switch to their stable branch

```
hg up -C stable
```

Ok, in my case, I needed to apply two patches for SSL and server authentication. For the authentication I applied the patch from here , direct link to the patch here . For the SSL support I applied the patch from
anacart's post in this thread
, direct
link to the patch here
.

To apply the patch cd to the source root and do

```
patch -p1
```

Once your done, put the qwebirc folder somewhere permanent, like /usr/local/qwebirc, or /usr/share/qwebirc,
and make a copy of the config file.

```
cp config.py.example config.py
```

Edit config.py. Change IRCPORT and SSL port to match the client port of your IRC server.

Set IDENT to a valid user on your LDAP domain. I created an account called "webirc" in ldap-account-manager.

IDENT = "webirc"

Set the NETWORK to the IRC network name, specified in the inspircd.conf

NETWORK_NAME = "IRCNet"

I wasn't sure what to see the URLs to, but here's how mine is set. Set REALNAME to the server address.

REALNAME = "https://www.domain.com/webirc"

Set BASE_URL to the local address, i don't think this is right, needs checking.

BASE_URL = "http://localhost:9090"

For the Nginx proxy, set the following.

FORWARDED_FOR_HEADER="x-forwarded-for"
FORWARDED_FOR_IPS=["127.0.0.1"]

Finally compile qwebirc.

python compile.py

And test it

python run.py

You should be able to browse to http://localhost:9090/

Lastly, create a file to launch qwebirc as a service. If qwebirc crashes, this script will not restart the process, it needs some tweaking. Edit /etc/init/qwebirc.conf

qwebirc - qwebirc job file

start on runlevel [2345]stop on runlevel [016]
chdir /usr/local/qwebirc
export fork
exec /usr/local/qwebirc/run.py If all goes well, it should start on reboot, or by running
sudo service qwebirc start

Now to tweak Nginx. I just had to add the following to /etc/nginx/sites-enabled/default

```
location ^~ /webirc/ {
  proxy_set_header  Host             $host;
  proxy_set_header  X-Forwarded-For  $proxy_add_x_forwarded_for;
  proxy_set_header  X-Forwarded-Proto https;
  proxy_pass  http://127.0.0.1:9090/;
 }
```

Restart nginx

sudo service nginx restart

And browse to https://www.domain.com/webirc