BlackIRC

Felix Schwarz

COLLABORATORS

	TITLE : BlackIRC		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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REVISION HISTORY

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```
                            B l a c k I R C
                  Version 1.1 Freeware
_____
                  ©1998-2000 by Felix Schwarz

   NOTE: WE CAN'T GIVE YOU ANY SUPPORT FOR THIS PRODUCT ANYMORE!
         ALL EMAILS AND LETTERS ASKING FOR SUPPORT FOR BLACKIRC
         WILL REMAIN UNREPLIED.


         ACCEPT
```

1.2   BlackIRC - the new, black&cool IRC client for AMIGA computers

```
                            B l a c k I R C
                  Version 1.1 Freeware
_____
                  ©1998-2000 by Felix Schwarz


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1.3   FAQ: How does this work ?! Eh ?

```
FAQ - Frequently asked questions
 Please check this part for answers before writing an EMail to me,
 as I'm already quite busy answering them :) Maybe you find an answer
 to your question in the following lines.

Chatting
 Q: My old IRC-Client offers the ability to complete a nick by
    pressing the "Tab"-Key .. why doesn't BlackIRC ?
 A: BlackIRC does complete it, but not, if you press "Tab". Press the
    "HELP"-key instead!
```

Q: Kuang^1$^{1} is that nice and great and my world will go down, if
   I can't run it with BlackIRC..
A: A fact is, that I never got Kuang^1$^{1} running on my AMIGA and therefore
   can't believe, that someone can like it :) Hehe .. ok, let's get real..
   of course Kuang^1$^{1} is a great advantage to a user, but you won't need it
   if you use BlackIRC, as BlackIRC has all major features, Kuang^1$^{1} has,
   internally.

Audio
 Q: When will the announced Audio-part finally be available ?
 A: There will never be an audio-part from us.

Video Basics
 After the release of BlackIRC V0.9x, many people wondered on
 how videoconferencing on the AMIGA works with BlackIRC. That's
 why this chapter exists.

 Q: How does it work ?
 A: BlackIRC uses an own, async client-/server-solution. The user,
    who wants to offer digitized pictures, has to start AmVideoConfD
    either directly from WB or from within BlackIRC. Once you're on
    IRC, everyone can get out your IP quite easily via the /whois - command.
    BlackIRC offers the special /ip-command to easify many things
    regarding handling external clients for certain tasks. So, by clicking on
    a user and the choosing the preset "VideoConf"-Button, the user's nick and
    IP is passed to the video-client, that then displays pictures and allows
    choosing different compression methods or no compression (only really usable
    in LANs).

 Q: I want to test the video-conferencing-features on my AMIGA without being
    online or connected to IRC. How can I do that ?
 A: First of all, start Miami or AmiTCP/IP. Then open a shell and switch to
    the BlackIRC-maindirectory. Then type
     Plugins/AmVideoConfD 26543 [your input of the video source]
    to start the server and
     Plugins/AmVideoConf localhost 26543 "Video-Test"
    You now should be able to see your input data.

 Q: What do I need to be able to use the conferencing-features ?
 A: You need a vlab.library-supported board. These are:
    · VLab Classic (two inputs, Zorro 2)
    · VLab Y/C (three inputs, Zorro 2)
    · VLab par (untested, parallel port)
    VLab Motion is not supported and is likely to be never
    supported as I don't have any docs on it. Support for the
    FrameMachine and Paloma IV might follow soon.

 Q: What is a VLab and where can I get one ?
 A: VLab is a quite good digitizer-board that is quite well known
    in Germany and Europe and widely spread there. They are no more
    produced, so you can only get a used one. However, soon utilising
    Paloma IV will enable you to buy a new and unused high-quality,
    speedy digitizer for use with BlackIRC, soon.

 Q: Are there any docs on how to write an own client for the server ?
 A: Nope. If you want to do one, let me know and I'll try to assist you.

```
Q: I have a friend with a PC and would to like to conference with him.
   Is this possible ?
A: Yes and no. Yes, because there is a CLIENT for the PC available under
   http://innovative.in-tec.de/pc/download/
   No, because there is currently no SERVER for the PC available, so the
   one on the other end can only see you but you not see him.
```

1.4   Why 'Black' ?

```
Why 'Black' ?
 This is one of the most frequent questions I get, so I want
 to shortly explain, why I named it "BlackIRC". There were
 rumours about me doing "Black Magic", but this isn't true :)
 My name is Felix Schwarz. The English word for "Schwarz" (if
 interpreted as a colour) is "Black". I think, this should clear
 up things :-)
```

1.5   Copyright, the author, contacting..

```
                 Disclaimer, Distribution and Copyrights
 You can find these
              here
               .

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```

1.6   Disclaimer

```
Disclaimer
 The author isn't responsible for the loss of connections, money,
 data, software, hardware, passwords, logins, servers and damages
 of any kind or anything else. You use BlackIRC FULLY at your own
 risk!

Distribution
 You may distribute BlackIRC for free, as long as you don't ask for
 a fee higher than material costs. PD Collections are excluded from
 this - you may distribute it on PD CDs without that limit - the CD
 may just not cost more than 100 DEM (or equal in other currencies
 according to the current exchange rates). BlackIRC may only be
 distributed as the whole archive with no parts of it ripped or
 added. BlackIRC may only be distributed on CoverCDs or commercial
```

1.7 Introduction

Introduction
 BlackIRC is a new IRC(Internet Relay Chat)-Client for AmigaOS with special
 abilities. With BlackIRC it's possible to take part in worldwide discussions
 over the net. Talk to the other end of the world with nearly no delay! But
 BlackIRC is more than just "yet another" client for IRC. It provides you with
 video conferencing features, so you can even see and watch people and people
 can see you. To also integrate PC-users, there is a special version of the
 video-client available. Communication gets more and more important and so
 you might want to join several channels at once, what could lead to you
 losing control and overview. This problem is also soluted with BlackIRC, as
 you can join several channels but only have one window where you can choose
 between the different channels. Of course you still have seperate message-
 windows for private messages to be able to chat with several people at once.
 But the main flood is taken away from you this way. If you also don't like
 these disturbing advertisement messages, you can simply let them filter out
 by BlackIRC. And if you should not like some other people, filter them out,
 too. Besides its nice MUI-GUI, these are only some features that you'll like
 about BlackIRC.

 Enjoy!
       Felix

1.8 Features

Features
 (the most significant ones)
 · several channels in one window (*)
 · videoconferencing directly from within the IRC-Client (*)
 · IP-command making it possible to pass the IP of a user
   directly to a shell-command (*)
 · Join several channels automatically (*)

· Small database for IRC-Servers
· Own IdentD for you to be able to connect to most of the IRC-Servers
· "Ignore content" against advertisment-messages (*)
· All settings in one window (UserOP-switches, Watch, Ignore, Messages,
  MOTD, Transcript)
· CTCP support
· inbuilt CTCP-Flood detection and protection
· CTCP server for easy defining of own CTCP commands (*)
· inbuilt XDCC-Server
· Event-Handler for maximal flexibility and reaction to events (*)
· Support for colored text
· Alias support
· easy-to-use ARexx-port with many commands
· DCC support
· MUI-Userinterface
· Textwrapping
· up to 36 UserOP-switches

(*) Features, that AFAIK no other client had before

1.9 Requirements

Requirements
 · AmigaOS 3.x (might also run on 2.x - not tested)
 · MUI 3.x
 · Busy.mcc
 · 2 MB Fast-RAM

1.10 Installation of BlackIRC

Installation
 Simply drag BlackIRC to a drawer of your choice and copy the contents of
 Libs/ to Libs: Start BlackIRC with a double-click on its icon.

1.11 IRC Basics

IRC Basics
 This chapter will give you short explanations to common IRC Terms
 and how IRC works.

 What is the IRC ?
  IRC stands for "Internet Relay Chat" and is a global network of servers
  allowing people connected to them to communicate globally with each
  other. The IRC is organized in so called "Channels": Only users who
  "joined" the same channel get the messages other people posted to this
  channel. That allows many different discussions on many different
  topics without ending up in a chaos.

 IRC Terms
  · Ban

If a user is banned by a channel-operator, he can't join the channel
any longer.

· Bot
  Short for "Robot". A bot is not a normal user but a program connected to
  an IRC server and acting like a user, but only very limited. Bots are often
  used to control channels.

· Channel
  The IRC is organized in so called "Channels": Only users who "joined"
  the same channel get the messages other people posted to this channel.
  That allows many different discussions on many different topics without
  ending up in a chaos.

· Channel Operator
  A user having control over a channel and though having more rights than
  others (e.g. kick or ban s.o)

· CTCP
  CTCP stands for "Client To Client Protocol" and allows clients to communicate
  with commands not standardized in the IRC-protocol. E.g. /version is using
  CTCP.

· DCC
  DCC stands for "Direct Client Connection" and allows clients to exchange ←
      files
  via a direct link.

· IdentD
  IdentD helps the server to identify you before allowing your in.

· IRC
  IRC stands for "Internet Relay Chat" and is a network of servers worldwide ←
      allowing
  users to meet and communicate.

· Kick
  A user being kicked leaves the channel without wanting so (well, in most ←
      cases :).
  Only channel ops can kick others.

· MOTD
  The "Message Of The Day" sent to you at the beginning of a connection to an ←
      IRC-server.

· Nick
  Short for "Nickname". A nickname is a virtual name for you, that can be ←
      random and can
  be chosen by yourself.

· OP
  See "Channel Operator".

· Topic
  A line describing the content of the discussions going on on a channel.

· Voice

If a channel is set the moderated flag, only people having voice can type
to it.

Shortcuts
 · AFAIK
   As Far As I Know

 · AFK
   Away From Keyboard

 · BRB
   Be Right Back

 · BBL
   Be Back Later

 · CU
   = see you

 · IMHO
   In My Humble Opionion

 · LOL
   Laughing On Limmerick

 · L8R
   = later

 · ROTFL
   Rolling On The Floor Laughing

 · RTFM
   Read The F***ing Manual

 · RTM
   Read The Manual

 · WTF
   What The F***

 · WTH
   What The Heck

1.12 Connecting to a server

                 Connecting
Connecting to IRC is quite easy with BlackIRC. Simply doubleclick on
its icon on the Workbench to start it. Now the BlackIRC-window will
pop up showing the About-part. Click on "
              Servers
              " on the top
bar. To set up BlackIRC properly, you have to enter your so called "nickname"
that needn't be your real name. Please don't use spaces or other special signs ←
    for
your nickname, as this might lead to problems. Try to use numbers and standard

letters only. After that, enter your real name in the "Real name"-field. Ok, now
we are ready to have a go and connect to the internet the first time: Select a ←
    server
of your choice by clicking on its entry. Then click on "Connect" and BlackIRC ←
    will try
to make a connection. This may take a while and BlackIRC's GUI might block ←
    during
connecting. Please note, that you have to be online in order to be able to ←
    connect
to a server! If BlackIRC could connect successfully, you can now begin
                Chatting
                 .

1.13   Chatting on the IRC

                  Chatting
After
                connecting
                 sucessfully, you can now begin to chat with other users
on IRC. On the right is a list of the users currently on the same channel you ←
    activated.
Every user with a "@" is a channel operator and people with "o" are people ←
    having voice.
Say hello to the others by e.g typing "Hi all!" in the chat-line at the bottom ←
    of the window.
The others might answer and you can begin chatting and making new friends all ←
    round the world.

If you are not satisfied with chatting on one channel, enter "/join <your ←
    channel>" in the
chat-line and BlackIRC will try to enter the channel and if successful, it will ←
    add the channels
name to the list on the left of the window. You can now switch between the ←
    channels by clicking
on the channels name.

1.14   GUI: Chat-Window

                 The Chat-window
It's BlackIRC's aim to make the IRC as comfortable usable as possible and
it therfore has a well designed Chat-Window-part. It consists of the following
parts:

· The major part of the GUI is dominated by three Listviews:
        · The channel-listview at the left listing all channels currently
          joined. Simply click on the entry of a channel to switch to its display.

        · The chat-listview in the middle listing all incoming messages
          to the currently selected/joined channel.

· The user-listview at the right listing all users having joined
  the currently selected/joined channel.

· Below the channel-listview is a "Part"-button. If you click on it, the
  currently selected/joined channel will be left.

· Above and below of the channel- and the chat-listview are two lines of buttons
      · Above you can find
            · the channel-label displaying the currently joined/selected
              channel

            · the channel-topic-line containing the topic of the currently
              joined/selected channel. You can edit it in order to change the ↩
                  topic.

            · the six channel-mode-buttons
                  · "Topic protection" - only channel operators can change the ↩
                     topic
                    of the channel
                  · "No messages from outside the channel" - nobody not having ↩
                     joined
                    the channel may write messages to/into it.
                  · "Secret channel" - if set, the channel is invisible until it ↩
                      is
                    joined
                  · "Invite only channel" - if set, the channel may only be ↩
                     joined by
                    users being invited to it before.
                  · "Private channel" - if set, the channel topic of the channel ↩
                      isn`t
                    visible in the global channel list
                  · "Moderated channel" - if set, only users being either ↩
                     channel operators
                    or having voice, can write to the channel.

      · Below you can find
            · your status-display which is completly filled, if you are channel
              operator and half filled if you "only" have voice.
            · your nickname-label containing your current nickname.
            · the chat-line: Type the text you want to send to the channel, here ↩
               .
            · the "Away"-button: If you leave your AMIGA for a cup of coffee and
              you want all people messaging you to know that you currently are ↩
                  not sitting
              in front of it, click on it once and another time, when you are ↩
                  back.

· Above and below the user-listview you can find some other buttons and displays
      · Above you can find
            · the BlackIRC-logo :)
            · the usercount-line telling you the number of operators (Ops)
              and total number of users currently in your channel.

      · Below you can find
            · the lag-meter displaying you how long there was no message from
              the server.

· the UserOP-buttons that can be configured in the
  UserOP-setup-part
  ·
  To use them click on a user in the user-listview and then click on ←
      one
  of the UserOP-buttons to perform an action on him/her. The UserOP- ←
      Switches
  are devided in three banks, each carrying 12 buttons. This enables ←
      you to
  sort your commands.

1.15   GUI: Server

The Server-part
 Here you do all the major settings for BlackIRC and needed for chatting.

 · Nickname
   Enter your nickname here (e.g. DarkMan).

 · Realname
   Enter your real name (e.g. John Smith) here.

 · Username
   If the ENV-Var "USERNAME" doesn't exist yet, BlackIRC will set it
   to the value entered here. You should enter the same name you entered
   in your TCP/IP-Stack, here.

 · Listview with all servers
   Click on one of the servers to activate it and be able to edit it:
   · Server
     The adress of the server, e.g. irc.uni-erlangen.de

   · Port
     Port of the server, normally 6667

   · Password
     Normally you can leave this field free, but if you need a password to enter
     a server, then place it here.

   · Comment
     Small comment on the whole entry (e.g. DalNet)

   · Auto-join
     Enter all channels you want BlackIRC to join automatically after a ←
        successful
     connection to the server, here. Seperate them with a commata (e.g. #BlackIRC ←
        , #amiga).

 · Connect
   Connects you to the currently chosen server.

 · Co-connect
   Starts another BlackIRC-task to connect to another server.

 · Disconnect

```
     Disconnects from the server you are connected to.

 · New server-entry
   Creates a new server-entry.

 · Delete server-entry
   Deletes the currently chosen server-entry.
```

1.16   GUI: Setup

```
                 The Setup-part
 The setup-part is devided in four "sub-parts", namely:
       >
                 Communication
                       >
                   Conference
                       >
                     UserOP
                       >
                   Messages
                       >
                 CTCP Server
                       >
                      XDCC
                       >
                   Aliases
                       >
                 Event-Handler
                       >
                 Other settings
```

1.17   GUI: Setup/Communication

```
Communication
  Here you can set the most important settings for communication via IRC:
  · Ignore
    · Ignore contents
      Some companies think, that the best way to promote their "sites" is
      to nerv the users on IRC with annoying advertisment messages. BlackIRC
      frees you from such stuff by allowing you to enter some keywords, BlackIRC
      does look for before opening a NEW private chat window. All keywords must
      be seperated by a commata, e.g
       free, trial
      ignores messages like (sarcastic examples :)
       Free homepage for only 50$/month .. visit http://...
       Free trial membership at 'WeAreStupid' .. TODAY ONLY!! visit our sucking  ←
          site..

      So you finally can chat with other people without being permanently  ←
          disturbed
      by advertisement-messages.
```

```
          · Ignore user
            If some users simply get on your nerves or bomb you with any messages, you ←
                can
            turn this off by entering the user`s nickname or IP-mask here. If you want ←
                to ignore
            several users, then seperate their names by a commata.
            Examples:
             billy!#?monopolsoft.com .. ignores nick "billy" on host #?monopolsoft.com
             #?monopolsoft#?          .. ignores any user whose nickname or host ←
                contains monopolsoft.
             sonic                    .. ignores any user whose nickname is sonic

    · Watch
      · Watch user(s)
        If you have some friends on IRC that you want to talk to, if they are there ←
            ,
        you can enter some nicknames here (each seperated by a commata). Their  ←
            status
        will be determined by clicking on Get status.
```

1.18 GUI: Setup/Conference

```
Conference
    Here you can set the most important settings for conferences via BlackIRC:
    · Video
      · Video-input
        If you own a VLab for videoconferencing with BlackIRC, enter the input of ←
            your
        camera here.

      · Start AmVideoConfD
        Launches the videoconferencing-daemon/server to enable others to see you.
        ATTENTION: Only press this button, if you own a vlab.library-compatible ←
            board.

    · Audio
      This part of BlackIRC is still under construction :)
```

1.19 GUI: Setup/UserOP

```
UserOP-Switches
    Here you can set the UserOP-switches available at the main chat-window.
    Add a UserOP-Switch with "New" and delete a UserOP-switch and its entry with
    "Delete". If you have added a new switch, you can enter its label in the field
    next to "Name" and its command at "Command". The UserOP-Switches all describe
    an action to be performed on a user. You may use several variables, that will
    be replaced with the correct strings:
     %n - your nickname
     %c - name of the channel currently joined/chosen
     %u - the nickname of the user you selected
     %ip - IP of the user you selected (only when used together with /IP-command)
```

1.20   GUI: Setup/Messages

```
Messages
  BlackIRC automatically sends messages to the server at special
  events. The messages can be changed here:
  · CTCP-Userinfo
    When getting a CTCP USERINFO, BlackIRC sends this string as
    reply.

  · KICK-reason
    If you kick someone off the channel, BlackIRC gives this
    string as a reason.

  · QUIT-messages
    When quitting BlackIRC and the server, BlackIRC sends this
    to the server.

  · Away-reason
    If you are marked as being away and someone sends a message to you,
    he automatically gets this string as answer.

  · CTCP-Flood-Message
    If someone attacks you by doing a CTCP Flood and BlackIRC detects it
    (depends on whether you have enabled "CTCP Flood Protection"), it also
    sends a message to the user who has attacked you. You can enter the
    message to be sent in this field.
```

1.21   GUI: Setup/CTCP Server

```
The CTCP Server
  The CTCP Server is an invention of BlackIRC's users and its programmer.
  It allows you to define certain actions for selfdefined CTCP-Commands.
  This enables you to offer advanced services over IRC and easy and transparent
  adding of features. E.g. reacting on a "GREETME"-CTCP-Request with an
  individual greeting message is very easy.

  Here are the explanations for the GUI of the CTCP Server:
  · CTCP Command
    Enter the name of your new CTCP-Command here.

  · Action-<Cycle>
    Here you can define the kind of (re)action of BlackIRC to
    a certain CTCP command. The following actions are currently
    available:
    - Text
      Send back the text in the parameter-field to the user who sent
      the request.

    - CLI
      Execute the CLI-command entered in the parameter-field.

    - ARexx
      Execute the ARexx-script entered in the parameter-field.
      Don't forget to give the full pathname!
```

```
          - Sound
            Play the soundfile entered in the parameter-field via Datatypes.

          - DCC Send
            Send the file entered in the parameter-field via DCC.

          - Type
            Simulate an entry via a chatline.
            E.g.
            /msg %u Hello %u :)

          - Internal XDCC
            This allows you to map ANY CTCP-Command to the internal XDCC-
            routines. Normally, XDCC should be used. If you want to disable
            XDCC, simply remove the line with "Internal XDCC".

     · New
       Adds an entry to the CTCP Server

     · Delete
       Removes currently selected CTCP Server-entry
```

1.22   GUI: Setup/XDCC

```
XDCC
  XDCC is a common standard for offering and sending files by remote
  requests. The user of your XDCC-offerings may request a list of all
  your files available and then choose to download or not. The files in
  BlackIRC are organized in slots. Why "slot" ? Well, BlackIRC also allows
  the user to enter more than one file for one number, just like a Zorro-
  slot offering you the ability to put one card in it and add several
  expansions to it.. ok, here are the explanations:

   · New
     Adds a new entry to the list of files

   · Delete
     Deletes currently selected entry.

   · Slot Number
     Enter the slot-number for your file here. You can give several
     files the same slotnumber in order to all send them to one user
     at once.

   · File
     The file for the slotnumber. You can also make use of the
     ASL-filerequester to choose files.

  Supported commands of the internal XDCC-"Server":
   · HELP
     Can be reached via /CTCP <user> XDCC HELP

   · SEND
     Can be reached via /CTCP <user> XDCC SEND <slotnumber>
```

```
· LIST
  Can be reached via /CTCP <user> XDCC LIST
```

1.23 GUI: Setup/Aliases

```
Aliases
 Aliases enable you to shorten a lot of commands or connect them to
 an ARexx-script. So, basically, aliases are some kind of abreiviations.

 Find "Alias" to contain the shortened command and "Extended" to contain
 the extended command.
 E.g.
 /m
 and
 /msg %p

 The following variables are supported:
  %p All parameters passed to the command
  %u The user currently selected in the userlist
```

1.24 GUI: Setup/Event-Handler

```
The Event-Handler
 Yet another invention contained in BlackIRC, it is enabling you to
 connect operations to certain events. E.g. if someone with a certain nickname
 joins a channel, you can op him/her, play a sound, etc.

 The first cycle-gadget describes one of the following basic events:
 · Start
   Occurs when BlackIRC is started.

 · Quit
   Occurs when BlackIRC quits.

 · CTCP-Cmd
   If ANY CTCP-command is received, this event occurs.

 · Connect
   Occurs, when BlackIRC just got connected.

 · Disconnect
   Occurs, when BlackIRC is disconnecting.

 · Receive
   If a line was received, this event occurs.
   Quite useful together with "Highlight".

 · Join
   If anyone joins the channel, this event occurs.

 · Hotkey
```

```
   If F1, F2 ... F10 was pressed, this event occurs.
   Can only be used together with "Insert".
```

The second cycle-gadget and the parameter-field describe the
action to take. These actions are available:
· CLI
  Execute specified CLI-command.

· ARexx
  Execute specified ARexx-command.

· Sound
  Play specified Soundfile via Datatypes.

· Highlight
  Highlight the current line, if it matches the pattern
  put into "Parameter". E.g.
   Hello world!!
  matches
   #?Hello#?
  and is highlighted.

· Op
  Op the user who is responsible for an action, if his/her
  nickname is matching a pattern. You can use Amiga-Wildcards
  for discribing a user's nickname.

· DeOp
  DeOp the user who is responsible for an action, if his/her
  nickname is matching a pattern. You can use Amiga-Wildcards
  for discribing a user's nickname.

· Kick
  Kick the user who is responsible for an action, if his/her
  nickname is matching a pattern. You can use Amiga-Wildcards
  for discribing a user's nickname.

· Insert
  Can only be used together with "Hotkey" and inserts a text at
  a the current cursor-position in the chatline. The parameter
  has to have a special format:
  <hotkey-num>\<action>

  e.g. if F5 is pressed and you want to insert "/msg <currently selected user>", ←
      enter:
  5\/msg %u
```

The "New" and "Delete"-buttons add or remove an entry from the list.

## 1.25  GUI: Setup/Other Settings

```
Othersettings
  All settings that don't fit into the other categories can be changed
  here. These are:
  · Auto Rejoin after a kick
```

If you were kicked off a channel and want to stay tuned nevertheless,
enable this checkbox and BlackIRC will automatically rejoin the channel
you were kicked from.

· Sort nicknames in alphabetical order
  BlackIRC offers you the ability to sort the nicknames displayed in the
  lister in alphabetical order. If you prefer this type of displaying the
  nicknames, enable this option. Please note, that this can slow down BlackIRC
  a lot if you are on a channel with many users and many users joining and ←
    leaving!

· Skip MOTD
  If your AMIGA is very slow at scrooling and it takes a half eternity
  to reach the end of the MOTD, then active this to skip viewing of
  the "Message Of the Day" (MOTD).

· CTCP Flood Protection
  What is a CTCP Flood you might ask now. Well, e.g. if a user pings
  you as frequent as possible and therefore it's impossible for you
  to read anything because everything is scrolling by so fast, you have
  a problem. BlackIRC solves it :) Enable this switch and BlackIRC will
  detect any CTCP Flood and autoignore the user who did it.

· Transcript to file
  It sometimes is very important to transcript an IRC conference to a
  file. This can be done by entering the filename of the transcript-
  file here. If the field is empty, BlackIRC won't do any transcript.

· MUI Settings
  Click on this button to get to the MUI settings of the client.

1.26 Commands

                 Commands
 BlackIRC supports the following IRC commands INTERNALLY (the rest is directly
 passed to the server):

                 /nick

                 /msg

                 /me

                 /describe

                 /join

                 /kick

                 /op

                 /deop

                 /voice

```
            /devoice

            /topic

            /clear

            /ctcp

            /ban

            /bandel

            /banlist

            /query

            /ip

            /ignore

            /ignorecontent

            /watch

            /quit

            /quote

            /raw
               /rexx

            /sendfile

            /sound
```

1.27 Commands - Overview

```
Overview over all internal commands of BlackIRC

  /nick <nickname>
   Changes your nickname to <nickname>.
   E.g. /nick DarkMan

  /msg  <to nick> <message>
   Sends a private message <message> to <to nick>.
   E.g. /msg DarkMan Hi!

  /me <action>
   Sends the action <action> to the currently active channel.
   E.g. /me is astonished!

  /describe <to nick> <describe>
   Describes <describe> to <to nick>.
   E.g. /describe DarkMan I'm online via an AMIGA .. and they're cool!
```

```
/join <channel>
 Joins <channel>.
 E.g. /join #BlackIRC

/kick <nick> <kick reason>
 Kicks <nick> because of the reason <kick reason>.
 E.g. /kick Olli Wrong IRC-client :)

/op <user>
 If you are a channel operator and want to give this status to another
 user, then use this command. It ops the user <user>.
 E.g. /op DarkMan

/deop <user>
 If you are a channel operator and want to take the operator-status
 from another user, then use this command.
 E.g. /deop Lamer

/voice <nick>
 Gives "voice" to the user <nick>.
 E.g. /voice DarkMan

/devoice <nick>
 Takes "voice" from the user <nick>.
 E.g. /devoice DarkMan

/topic <channel> <new topic>
 Changes the topic of <channel> to <new topic>.

/clear
 Clears the buffer content of the currently joined channel.

/ctcp <to user> <CTCP command>
 Sends the CTCP-command <CTCP command> to <to user>.

/ban <user>
 Bans the user <user> from the currently joined channel.

/bandel <user>
 Deletes the ban on user <user> for the currently joined channel.

/banlist [<channel>]
 Lists the bans for the currently joined channel.

/query <user>
 Opens a private chat-window to the user <user>.

/ip <user> <command>
 This is the special IP-command of BlackIRC that allows you to pass
 the IP of a user to a shell-command (such as ping). Simply put %ip
 there, where the command needs the address.

/ignore <user>
 Adds the user <user> to the list of ignored users.

/ignorecontent <word>
```

   Adds the word <word> to the list of ignored words and contents. The
   first private message from another user containing one of these words
   will be ignored.

  /watch <user>
   Adds the user <user> to the list of users to watch.

  /quit <reason>
   Quits and closes current IRC-connection with the reason <reason>.

  /quote <raw-text>
  /raw <raw-text>
   Sends the raw-text <raw-text> to the server you are currently connected
   to.

  /sendfile <user>
   Sends a file (you can choose using an ASL-requester) to the user <user>.

  /sound <sound-file>
   Sends a CTCP-sound-request to the currently joined channel.

  /rexx <Rexx-script>
   Executes the Rexx-Script <Rexx-script> in the subdirectory "Rexx/" of
   BlackIRC. If the Rexx-script's extension is ".birx", you needn't add this,
   as RexxMast (which has to be started before ;-) adds this automatically.

1.28 About

                        This application uses

                    MUI - MagicUserInterface

                (c) Copyright 1992-97 by Stefan Stuntz

MUI is a system to generate and maintain graphical user interfaces. With
the aid of a preferences program, the user of an application has the
ability to customize the outfit according to his personal taste.

MUI is distributed as shareware. To obtain a complete package containing
lots of examples and more information about registration please look for
a file called "muiXXusr.lha" (XX means the latest version number) on
your local bulletin boards or on public domain disks.

        If you want to register directly, feel free to send

                     DM 30.- or US$ 20.-

                              to

                        Stefan Stuntz
                   Eduard-Spranger-Straße 7
                      80935 München

GERMANY

Support and online registration is available at

http://www.sasg.com/

1.29 History

```
History
 V0.9prerelease (Dec. 1998)
 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    - First release open to the public

 V0.91prerelease (Dec. 1998)
 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    - "Demo Timeout Bug" fixed

 V1.0 (Jan. 1999)
 ~~~~~~~~~~~~~~~~~
    - updated fsgfx.library to V44
    - added ARexx-interface and some example scripts including:
      - OutputRAW.birx
        Ouputs raw messages from the server to the lister. An
        example for Rexx-script-programmers.
      - Friendlybot.birx
        A friendly bot for friendly people
      - Grab.birx
        Example for CTCP-Server: Grab your current screen on
        demand and send it via DCC to a user. This example
        was written by Phil Price.
    - added ARexx-popup-button
    - added Alias-Support
    - added CTCP-server allowing to do the following:
      - reply text
      - execute a CLI command
      - start an ARexx-script
      - Play a sound
      - Send a file
      - XDCC Server
      - combine all these actions
    - added input-buffer. Scrolling in it arrow up and arrow down
      is possible now.
    - rewrote whole UserOP-stuff. Now up to 36 buttons are possible
      and easily configurable!
    - did some improvement to the GUI
    - added About-Win for Stuntzi ;-)
    - added MUI-Settingsbutton
    - added some useful buttons and one display to the private
      chat windows
    - added CTCP-Flood-Protection
    - BlackIRC`s window can now be scaled a lot smaller
    - Added Event-Handler
      -> add sounds to events
```

```
      -> highlight text
      -> execute Rexx-scripts
      -> execute a program
      -> add text to hotkeys (F1-F10)!
    - CHAT-LISTVIEWS NOW USING NList!!
      -> Auto Text-Wrapping
      -> Clipboard-Support
      -> Colored Text-Support
      -> Enhanced support for other text-flags
    - Added XDCC-Server
      -> have your own XDCC-server on IRC!
      -> Connect several files to one PACK-ID
      -> With HELP for the users of your service
      -> Give the XDCC-server ANY CTCP-command you want!
      -> Ability to switch the inbuilt server off and use the another one.
    - removed some major bugs

  V1.1 (Mai 1999)
  ~~~~~~~~~~~~~~~~
    - complete About-Requester, I hope, I now have included all
      contributors in the list :) Sorry for that in the last version!
    - speeded up colored text and the whole parsing routines
    - added "Channel list"
    - added Nick-Completion via "Help"
    - added BlackNEWS for you getting all the latest information and news
      quickly!
    - added ability to have several, complete and formatted log-files for
      special purposes
    - added cool transferanim via TransferAnim.mcc
    - fixed a problem with channel-modes on slow connections

  V1.1 Freeware (March 2000)
  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~
    - BlackIRC is now freeware
    - removed all limitations
    - stopped development on BlackIRC
```

1.30 The ARexx-interface of BlackIRC

```
ARexx
 The ARexx-interface of BlackIRC enables you to write
 powerful scripts, bots and serversystems. Even remote
 control via IRC is possible with it. Currently, there is
 only a short guide to the many commands:

 COUNTUSAGE <word> <string>
  -> RESULT is the number of word being used in string

 REXXLINETEXT <Text>
  -> Changes the text near the topicline of BlackIRC.

 REXXLINE <ON|OFF>
  -> Shows (ON) or hides (OFF) the text near the topicline of BlackIRC

 ADDTWOSTRINGS <...>
```

```
 -> RESULT is all options passed to it

QUITBIRC
 -> Quits BlackIRC

GETLASTNICK
 -> RESULT is the nickname of the user, the last message came from

RAW <...>
 -> Outputs the passed argument directly to the server you are currently
    connected to.

CHANGENICK <newnick>
 -> Changes the current nickname and RESULT contains the old one

GETMYNICK
 -> RESULT contains current nickname

GETCHANNEL
 -> RESULT contains currently used channel

GETSERVERNAME
 -> RESULT contains the server currently connected to

ISCONNECTED
 -> RC is 0 for connected and 5 for no connection at the moment

SAY <line>
 -> Puts this as if as it was entered in the main chatline..
    USE 'SAY' !!

GETWINNUM
 -> Current number of the currently used channel

CHANNELS
 -> Returns a string containing all joined channels in RESULT

GETSELECTEDUSR
 -> Gets the nick of the currently selected user in the list and
    returns it as RESULT

GETUSER <n>
 -> RESULT is the name of the user <n> from the list of the current
    line

GETUSERS
 -> RESULT contains all users on the current channel

GETUSERSTATE <n> WINNUM=|CHANNEL=
 -> RESULT contains nickname n of a channel or "chat-window".

GETAWAYSTATE
 -> RC is 5 for AWAY or 0 for "not AWAY"

GETENTERLINE
 -> RESULT contains current contents of the main chatline
```

```
MATCHUSERHOST <userhost> <pattern with MS-DOS-alike wildcards (*)>
MATCHWILDCARD <name> <pattern with AmigaOS-alike wildcards (# and ?)>
 -> RC is 1 for "MATCH" or 0 for "doesn't MATCH"

PLAYSOUND <sound>
 -> Plays the soundfile <sound> via Datatypes and blocks BIRC till it's
    finished

DCCSEND <tonick> <file>
 -> Sends the file file to tonick.

GETUNCTCPCOMM
 -> RESULT is the name of the last unknown CTCP-Command

GETUNCTCPNICK
 -> RESULT is the name of the last sender of the last unknown CTCP-command

SENDCTCPREPLY <user> <CTCP command> <back>
 -> Sends a CTCP-reply <back> to <CTCP-command> to <user>

CTCPREPLY <reply>
 -> Sends a CTCP-reply to the last sender of the last CTCP-command.

SPLITSTRING <n> <string>
 -> RESULT contains the <n>th entry from <string> (every entry has to
    be seperated by a space)

IRCCLIENT
 -> RESULT contains the name of the used IRC-Client-Software. Guess what ..

GETVERSION
CLIENTVERSION
 -> RESULT contains the version number of BlackIRC

USERECHO <message>
 -> Adds <message> to the currently active channel lister

CURLINENUM
 -> Returns number of lines totally received from IRC-server

GETLASTLINE
 -> Returns last line received from the IRC-server

ECHO <left column> <right column>
 -> Adds this as entry to the currently active channel lister

CHECKALIAS <alias>
 -> Checks for the existance of an alias and returns it, when found

ADDALIAS <alias> <extended>
 -> Adds the given alias

REMALIAS <alias>
 -> Removes <alias>
```

1.31   BlackNEWS - the new newsservice for AMIGA users!

```
BlackNEWS
 This new area in BlackIRC basically has nothing to do with IRC. But as
 the users of an IRC-Client normally are online all the time, the idea
 of getting the latest news via the same client, they are chatting with,
 seems only logical.. BlackNEWS's intention is to serve you with all the
 latest information on both BlackIRC and all the rest going on about our
 favourite platform! If you have a look at it every two days, you might
 always find some exciting and interesting new stories and news ..

 Settings:
 - HTTP Proxy & Port
   Please enter the same proxy and portnumber you entered in your browser,
   in these input fields. If you don't have a proxy or don't need one in
   order to get access to the WWW, delete all contents of the HTTP Proxy-field!

 - "Get News!"
   This makes BlackIRC connect and get all the latest BlackNEWS for you!
```