

**MCF4AmIRC**

**COLLABORATORS**

	<i>TITLE :</i> MCF4AmIRC		
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## Chapter 1

# MCF4AmIRC

### 1.1 MCF4AmIRC Guide, An Integrated ARexx System for AmIRC.

MCF4AmIRC V\_4.13 (26.12.96)  
Copyright 1996 Donald T. Becker

Disclaimer

Description/What's New

Requirements

Pre-Install Testing

Installation

Usage

TODO

History/Bug Fixes

About the Author...

### 1.2 DISCLAIMER:

DISCLAIMER:

The program contained in this archive is copyrighted by Donald T. Becker and is available as Freeware Software.

It may be distributed only under the following conditions:

- No charge is made to any of the files in this archive.
- Programs and Documentation are not modified in any way.
- The Package is always distributed in its complete form consisting of 84 files:

10 icons: "CleanUp\_MCF.rexx.info", "DalHelper.Doc.info", "ENV.info",  
"Install\_MCF.info", "MCF.info", "MCF4AmIRC.ReadMe.info",

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"MCF4AmIRC.guide.info", "MCF4AmIRC.info", "Rexx.info",  
and "SetUp\_MCF.rexx.info".

5 files in dir MCF4AmIRC: "DalHelper.Doc", "Install\_MCF",  
"MCF4AmIRC.guide", "MCF4AmIRC.readme", and "SetUp\_MCF.rexx".

1 file in dir MCF4AmIRC/ENV: "MCF\_JOIN.AMIRX".

37 files in dir MCF4AmIRC/Rexx: "CTCP\_Sound.AMIRX", "DalHelper.AMIRX",  
"FAQ.AMIRX", "JSound.AMIRX", "MCF.AMIRX", "MCF\_Alias.AMIRX",  
"MCF\_AU.AMIRX", "MCF\_Auto.AMIRX", "MCF\_ClientInfo.AMIRX",  
"MCF\_DO.AMIRX", "MCF\_DU.AMIRX", "MCF\_Encode.AMIRX", "MCF\_Finger.AMIRX",  
"MCF\_FLIST.AMIRX", "MCF\_FSEND.AMIRX", "MCF\_FServ.rexx", "MCF\_GETSOUND.AMIRX",  
"MCF\_HELP.AMIRX", "MCF\_K.AMIRX", "MCF\_KB.AMIRX", "MCF\_MDO.AMIRX",  
"MCF\_MKB.AMIRX", "MCF\_OK.AMIRX", "MCF\_OKB.AMIRX", "MCF\_OP.AMIRX",  
"MCF\_PING.AMIRX", "MCF\_PROTECT.AMIRX", "MCF\_SAbuser.AMIRX",  
"MCF\_Silence.AMIRX", "MCF\_SOUND.AMIRX", "MCF\_STATUS.AMIRX",  
"MCF\_UI.AMIRX", "MCF\_USERS.AMIRX", "MCF\_VERSION.AMIRX",  
"MFAQ.AMIRX", "NFK.AMIRX", and "Say.AMIRX".

31 files in MCF4AmIRC/MCF: "MCF.Cmds", "MCF.Encrypt", "MCF.FServ",  
"MCF\_GChans", "MCF.GNicks", "MCF.Greets", "MCF.Ops", "MCF\_Pings",  
"MCF.PNicks", "MCF.Protect", "MCF.StartUp", "MCF\_AU.help",  
"MCF\_AUTO.help", "MCF\_DO.help", "MCF\_DU.help", "MCF\_FLIST.help",  
"MCF\_FSEND.help", "MCF\_HELP.help", "MCF\_K.help", "MCF\_KB.help",  
"MCF\_MDO.help", "MCF\_MKB.help", "MCF\_OK.help", "MCF\_OKB.help",  
"MCF\_OP.help", "MCF\_OPTS.help", "MCF\_QUIT.help", "MCF\_RC.help",  
"MCF\_RU.help", "MCF\_STATUS.help", and "MCF\_USERS.help".

- Every form of public distribution is allowed and encouraged, but no fee can be charged for this program except for, possibly, the cost of magnetic media and/or disk duplication and shipping.
- Inclusion in PD software libraries such as Fish Disks and AmiNet CD's is allowed (and encouraged), provided the fees charged for these disks are comparable with current charges for Freeware Software.
- Inclusion of this software in a future release of AmIRC is allowed.
- Inclusion of this software in a Cover Disk Magazine is allowed after receiving authorization from the author.
- This program cannot be distributed in any commercial product without the written consent of the author.

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P.S.

The only thing I will guarantee is that this program performed to expectation whenever I made use of it. If it doesn't work for you,

IT ISN'T MY FAULT....

But if it doesn't work for you or you run into any problems, I would appreciate being notified of the situation so that I may

correct it in a future update.

## 1.3 DESCRIPTION:

### DESCRIPTION

MCF is a set of Integrated ARexx scripts which will add many features to your AmIRC sessions. First and foremost is Auto-Ops. Also included are Remote User Commands which can be executed by authorized users listed in your Ops file. Among these are commands like OP (remote user OPping someone), DO (remote user De-OPping someone), K (remote user Kicking someone from the channel), KB (remote user KickBanning someone from the channel), MDO (performs a Mass De-OP of all channel OPs except for the remote user and the MCF user), and MKB (performs a Mass Kick Ban of multiple users with the same UserHost. ie: Clones). Also available are STATUS and HELP. An extra feature is a File Server commands. These are FLIST (remote user request DCC of current file list) and FSEND (remote user requests DCC of a file from the file list. MCF control functions include AUTO (turns the Auto-OPs, FileServer, and Remote Commands stitches on and off, and change the ChannelOp character), AU (add/update a user entry to the Ops file), DU (remove a user entry from the Ops file), RC (reload command function list), RU (reload Ops list), and USERS (displays entries in Ops file). External to MCF is "MCF\_FServ.rexx". This script is used to generate the files used with the file server functions.

Version 4.13 should no longer open a play requestor from Play16. If the requested sound does not exist as a FILE, MCF will not attempt to play it.

Version 4.12 has MCF Configuration File(s) validation. If a file does not exist, MCF will tell you which one is missing and continue to execute instead of Crapping out.

Version 4.11 has 1 new function: MCF\_Auto.AMIRX. This script is a GUI Front-end for setting %AUTO variables. Changed the GUI procedure used by CTCP\_Sound.AMIRX when the user has multiple directories assigned as his SOUNDDIR. Fixed DCCGET bug that occurred with version 4.10.

Version 4.10 has 1 new function: MCF\_SAbuser.AMIRX. This script will exclude a user from being able to make your computer speak. Added new %AUTO variable: PSOUND. When = Y MCF will play sounds you have that you send to other users.

Version 4.9 has 2 new CTCP functions: ClientInfo and Finger. MCF\_Finger.AMIRX requires AmiTCP:bin/Finger for it to respond to a CTCP Finger request. Fixed a problem in the MCF\_HELP script. DalNet updated versions so I had to change how the scan in the flood protection for DalNet Services was done. Added code to MCF to help guarantee that redirected dos commands will NOT execute on your machine.

---

Added Speech and Speech on/off auto switch.

Version 4.8 no longer opens the MSGPort "SFPROTECT.?". Status and Help commands were altered to handle this without flooding yourself off of the server. This is accomplished by only processing 1 at a time and ignoring all other Status and Help requests while 1 is processing. MCF Flood Protection routine should no longer ignore Service@Dal.net anymore. MCF will DeCode an Encoded Topic upon Join a channel that has an Encoded Topic.

Version 4.7 has all configuration files moved from the ENV: & ENVARC: dirs to the MCF: dir. A bug that crept into the join script when greets was added has been fixed. 2 new options have been added to the GREETs %AUTO variable. P will send the Auto-Greets to the user by way of PRIVMSG. C will only Auto-Greet the user is the channel being joined is listed in the file: MCF:MCF.GChans. CTCP\_Sound.AMIRX is now more Win95 compatible. MCF Aliases are now installable thru the install script. Install script now moves configurations files from ENV: to MCF: and deletes 1 obsolete script from ENV:. Added new CTCP function: MCF\_PING.AMIRX. Random Ping responses are stored in MCF:MCF.Pings, Nick Specific Ping Responses are in MCF:MCF.PNicks. Valid Ping Variables are %n = Your Nick, %u = User's Nick. The following is now valid for Greets and Pings: /S = send Sound. If you do: /S soundfile.wav you can also add an Action (/ME) or a msg after the sound.

Version 4.6 has a bug fixed in the !Nick Auto-Request function. Flood Protection has been Re-Written (again). Greets have been added to the join function. Random Greet entries are placed in "MCF:MCF.Greets". Nick specific entries are placed in "MCF:MCF.GNicks". Variables allowed are: %c = Channel, %n = Your Nick, and %u = User's Nick. To greet with an action, use /me at the beginning of the greet message.

Version 4.5 has a new function: "DalHelper.AMIRX", and a new feature: "NFK.AMIRX" (used by "MCF\_MKB.AMIRX"). A new feature has been added to MCF\_GETSOUND.AMIRX. Just enter: !Nick List in a channel and that Nick will generate a list file of his sounds and send you the file. Added Topic option to MCF\_Encode.AMIRX. Added several more functions to DalHelper.AMIRX. Added DalHelper Configuration to Install\_MCF. Fixed Decryption bug in MCF.AMIRX. Fixed bug in the %AUTO USE/SAVE routines. Change auto-request feature of MCF\_SOUND.AMIRX to only fetch a file once, regardless of the number of times requested. Added a GUI for sending sounds using "CTCP\_Sound.AMIRX". Added Auto-Get feature for Auto-Requested sounds.

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Version 4.4 has Extra kick power added to MKB.AMIRX.  
Added new function for users of Dal's NickServ & ChanServ:  
DalHelper.AMIRX

Version 4.3 is no different from 4.2 except that the scripts have "Rexx:" hard-coded internally.

Version 4.2 has 2 new functions: %OK "MCF\_OK.AMIRX",  
and %OKB "MCF\_OKB.AMIRX".

Version 4.1 has had the main script "MCF.AMIRX" re-structured to (hopefully) execute quicker. The hard-coded encryption schemes were removed from both "MCF.AMIRX" and "MCF\_Encode.AMIRX". It now resides in a file in the MCF: dir named "MCF.Encrypt". Added new AUTO variable "AJJOIN". This variable is used to decide if you Auto-Join a Channel on an INVITE or not. The "MCF\_VERSION.AMIRX" now has the URL of the MCF Home Page.

Version 4.0 is nearly a complete re-write of the main and all remote command scripts. Almost all remote commands are now run as background tasks so that the main script (MCF.AMIRX) can continue it's scanning a lot quicker. Added new %AUTO variable called "NOSOUNDS". This has 4 different modes which will control your response to a "SoundFile not Found" condition from a CTCP SOUND request. Added 2 new CTCP functions. "MCF\_VERSION.AMIRX" responds when someone does a CTCP VERSION on you.

"MCF\_GETSOUND.AMIRX" is a function that is compatible with another script out there called "CTCP.AMIRX". It will DCC SEND the soundfile to the user who sent you the CTCP GETSOUND request. Added support for the auto-fetching of soundfiles in the following format: !Nick file.wav.

Added a size scanning routine to the Flood Protection procedure. This helps prevent floods from CTCP ECHOs and some others quicker than it would by just scanning for flood hits. Added a new script and 2 icons that can be used to test MCF before you install it. Added the use of the server Silence command along with the AmIRC Ignore command.

Added code to handle all remote commands uniquely.  
New Format: %Nick CMD Options  
ie. %StarDustr OP MyNick  
The original format still works as well: %CMD Options.

Added new Extra command: JSound.AMIRX  
This function will send a CTCP SOUND request to a channel before(default) or after you join it.

Added new Flood protection command: MCF\_Silence.AMIRX  
This function is to be manually used to ignore



a user if you suspect him of getting ready to flood you.

Added support for Cybeonix (version 1.3.3) message encryption decoding.

Added new Extra command: MCF\_Encode.AMIRX

This function will encrypt messages and send them to the channel, a user, or a specified channel. This function also supports 10 other encryption methods exclusive to MCF.

Added new NOSOUNDS options to allow similar settings when using AmIRC 1.5Beta, but will not attempt to play the sound (since AmIRC 1.5Beta now will play it) To get the same responses as before, just add 5 to your current NOSOUNDS setting.

Version 3.1 has 2 new commands. 1 is an Extra command called "Say.AMIRX". It allows you to send Highlighted, Reversed, and/or Bold text to the server. 2 is a new level 99 command called "%OPTS". This will display to you the current changeable environment settings in use.

Version 3.0 now supports ENV variable configuration files. This will make future upgrades easier to install. Also included is more Flood Protection. Now handles TEXT and PRIV.

Version 2.2 has a new script to make it easier to send level 99 commands to MCF.

Version 2.1 has 9 more help files and the Status function has been rewritten..

As of Version 2.0, MCF now has FLOOD Protection and CTCP Sound Support, as well as a few extras.

## 1.4 REQUIREMENTS:

### REQUIREMENTS

An Amiga with AmIRC installed and running correctly.

(The ARexx interface must be turned on thru MUI)

ARexx installed and running correctly.

(a path to rexxc and an assign to Rexx: are required)

--- reqtools.library and rexxreqtools.library are required to use the GUI portion of "CTCP\_Sound.AMIRX".

If AmIRC works, and ARexx is up and running, these scripts should then run fine.

## 1.5 Pre-Install Testing

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2 new Icons are in the MCF4AmIRC directory that can be used to allow you to test MCF without installing it first. Click on the "SetUp\_MCF.rexx" icon and this will change REXX:, ENV: and MCF: to point to the de-arc'd archive directories. You could then start AmIRC and test MCF to see if it is working correctly for you. When done testing, click on the icon "CleanUp\_MCF.rexx" and this will reset your assignments.

btw - SetUp\_MCF.rexx creates the "CleanUp\_MCF.rexx" script,  
So don't go looking for it before running SetUp\_MCF.rexx.

## 1.6 Installation

### INSTALLATION

- Installation of MCF is fairly simple. Just click on the
- Install\_MCF icon and go thru the standard Installer Procedure.
  - Or, if you like to do things manually, Copy all files in the
  - MCF4AmIRC/Rexx directory to your REXX: directory. Copy all files
  - in the MCF4AmIRC/ENV directory to ENV: and ENVARC:. Either make
  - or select a directory and copy all the files from MCF4AmIRC/MCF
  - into it.
  - Add the following assign to your user startup:

Assign MCF: WhereEverYouPutThem

Run AmIRC and goto Settings->Setup->Events

Enter ENV:MCF\_JOIN %p in the Rexx Command field for the JOIN Event.

\*Note\* %p is a lowercase p.

\* Update Notice \* Delete REXX:MCF\_JOIN.AMIRX, it is now in ENV:.

MCF should come up running when you join your first channel.

MCF can be manually started by typing the following before you join your first channel:

```
/Rx MCF NOOPS/S FSERV/S NOSOUNDS/S NORCMDS/S
```

Where the NOOPS switch turns off the Auto-Ops and OP functions, the FSERV switch turns on the File Server features, the NOSOUNDS switch turns off the CTCP Sound function, and the NORCMDS switch disables all Remote Commands. (Level 99 commands not included)

Or you can edit the MCF\_JOIN.AMIRX file and insert any combination of the switches between MCF and the " to the following line:

```
"say /Rx MCF"
```

The above switches may now be set thru the file MCF.Startup which is located in your ENV: directory. Just set the value on each line to the value you wish for a default setting. Use upper case Y and N

for all flag settings. Sound directory and player may use mixed case.  
 \*\* Using switch(s) when starting MCF will override those ENV setting(s).

\*\*\* Installation WARNING \*\*\*

Due to some defect in the Amiga OS, things do not always work right when there are multiple assignments to the logical device REXX:. Therefore, to make sure this and other AREXX scripts work correctly, there should be only 1 logical assignment to REXX:  
 (I personally made a directery called Rexx and use this for all my AREXX scripts.)

Also, due to the differences in different user's system configurations, MCF does not always work right. If once MCF loads and you do a CTCP VERSION on yourself and don't get a PRIVMSG specifying the version of MCF you have, please email me and we can go thru a couple of procedures to try and get it running for you.

\*\*\* In-compatibilites \*\*\*

It seems that MCF and CTCP.AMIRX tend to conflict in a way that prevents MCF from running correctly.

For some strange, unkown reason, MCF runs but doesn't work for some people when started from AmIRC. If it loads but doesn't seem to be doing anything, try to start it from a shell and attach it to the AmIRC client by adding the PORT name as command-line input. The PORT name is in the upper left corner of your AmIRC window. It will be AMIRC.# where # is a number. Start MCF from a shell for the first AmIRC client like so: Rx MCF.AMIRX AMIRC.1

## 1.7 Usage

Before any commands will work, MCF must be running. How this is accomplished is described in Installation

The commands are broken down into 5 basic levels.

Remote User Commands:

- Levels 00 thru 20
  - Remote User Commands:
- Levels 30 thru 60
  - MCF System Commands:
- Level 99 only
  - MCF CTCP Commands:
  - CTCP Events that are Handled
  - MCF FLOOD Related Commands:
  - Internal/External Commands
  - Miscelanious MCF Commands:
  - Extra Commands

## 1.8 Commands for Levels 00 thru 20

All commands of this class may be executed by passing the command to MCF by using: /msg MCFUserNick %Command Args.

Or by a remote user who types the command in the channel display window in either of the following formats:

%Command Args or %MCFUserNick Command Args.

%STATUS Lists a User's Authorization level and Available Remote Commands

Usage is: %STATUS

MinUser Level: 00

%HELP Lists any available help information.

Usage is: %HELP or %HELP Funct (Where Funct is a Remote User Function)

MinUser Level: 00

The other commands of this class are File Server commands. For these to work, you must first have edited the file "MCF:MCF.FServ" and entered all the Directorys to use for building the file list. After that is done, execute the following Rexx command: Rx MCF\_FServ

This will build the files required by the File Server functions.

\*\* Known BUG \*\* For some reason, typing /DCC SEND with a filename that contains 1 or more spaces does not seem to work. Therefore, %FSEND requests for files with spaces in thier name won't work.

%FLIST Requests a list of files available for remote DCC downloading.

Usage is: %FLIST

MinUser Level: 10

%FSEND Request a file be sent to a remote user via DCC downloading.

Usage is: %FSEND #?. (where ? is the number of the file from the list you want. The # preceeding the filename and a period after are required.

MinUser Level: 20

\*Note\* You can give unrestricted access to the FSERV functions by editing the "MCF.Cmds" file and replacing the 10 and 20 with 00. After this, either Re-Load Commands (%RC) or Quit (%QUIT) and restart MCF.

## 1.9 Commands for Levels 30 thru 60

All commands of this class are channel oriented commands and can only be executed by a remote user typing the command in the channel display window in either of the following formats:

%Command Args or %MCFUserNick Command Args.

None of these commands can be used against the user running MCF.

%K Kicks a user from the channel..

Usage is: %K UserNickName reason (reason is optional)

MinUser Level: 30

%OP Give OPs to a user.

Usage is:            %OP UserNickName  
                       (UserNickName is optional. Requestor will be OPped)  
 MinUser Level: 40

%DO            Remove OPs from a user.  
 Usage is:            %DO UserNickName  
 MinUser Level: 40

%KB            Kick and Ban a user from the channel.  
 Usage is:            %KB UserNickName Reason (Reason is optional)  
 MinUser Level: 40

All users defined with a level of 50 or greater will be Auto-OPped if enabled.

%MDO           Remove OPs from all users on the channel, excluding  
 the user running MCF and the user requesting %MDO.  
 Usage is:            %MDO  
 MinUser Level: 50

%OK            OP a user, then Kick the user from the channel.  
 Usage is:            %OK  
 MinUser Level: 50

%MKB           Kick and Ban all users from the channel who are on the same UserHost.  
 Usage is:            %MKB Arg Reason (Reason is optional)  
                       (Arg can be a UserNickName or UserHost of a user)  
 MinUser Level: 60

%OKB           OP a user, then Kick & Ban the user from the channel.  
 Usage is:            %OKB  
 MinUser Level: 60

## 1.10 MCF System Commands

All commands of this level must issued via a /MSG to the user running MCF.  
 These commands are not to be executed by a remote user. Only the user  
 of MCF should have a level 99 authorization.

%AUTO    Use to change control switch settings.  
 Switch: ?            This will bring up the GUI Front-end for setting ↔  
                       values.  
 Switch: SPEAKPLAYER Value: Name of Speech Player (including drive and ↔  
                       dir path).  
 Switch: SOUNDPLAYER Value: Name of Sound Player (including drive and ↔  
                       dir path).  
 Switch: SOUNDDIR    Value: Directory/Assignment where Sounds are stored ↔  
                       .  
 Switch: DCCDIR       Value: Directory/Assignment where Auto-Get will ↔  
                       Download to.  
 Switch: AJOIN        Values: Y/N    Function: Enable/Disable Auto-Join ↔  
                       function.  
 Switch: ASEND        Values: Y/N    Function: Enable/Disable Auto-Sending ↔  
                       of requested Sounds.

Switch: DCCGET Values: Y/N Function: Enable/Disable Auto-Get ↔  
function.

Switch: FSERV Values: Y/N Function: Enable/Disable Fileserver ↔  
functions.

Switch: GREETs Values: Y/N Function: Enable/Disable Auto-Greets ↔  
function.

Switch: OPS Values: Y/N Function: Enable/Disable Auto-OPs ↔  
function.

Switch: RCMDS Values: Y/N Function: Enable/Disable Remote User ↔  
commands.

Switch: SOUNDS Values: Y/N Function: Enable/Disable CTCP Sound ↔  
function.

Switch: PSOUND Values: Y/N Function: Enable/Disable Playing of ↔  
sent sounds.

Switch: SPEAK Values: Y/N Function: Enable/Disable Speech ↔  
function.

Switch: NOSOUNDS Values: 0-9 Function: Changes response to " ↔  
SoundFile not Found".

0 = No Response, 1 = Notify Requestor,  
2 = Notify You, 3 = Issue CTCP GETSOUND to requestor.  
4 = Issue !Nick sound.wav to the requestor.

The following settings should be used with AmIRC 1.4 Beta.

5 = No Response, 6 = Notify Requestor,  
7 = Notify You, 8 = Issue CTCP GETSOUND to requestor.  
9 = Issue !Nick sound.wav to the requestor.

Usage is: /MSG MCFUserNick %AUTO Switch Value

%OPTS Use to Display the current settings of MCF.

Usage is: /MSG MCFUserNick %OPTS

%RC Use to Re-Load the current Commands List. (For use after editing "MCF: ↔  
MCF.Cmds")

Usage is: /MSG MCFUserNick %RC

%RU Use to Re-Load the current list of Users. (For use after editing "MCF: ↔  
MCF.Ops")

Usage is: /MSG MCFUserNick %RU

%USERS Use to List all Users and thier Status Level currently listed in "MCF: ↔  
MCF.Ops".

Usage is: /MSG MCFUserNick %USERS

%QUIT Use to Terminate MCF.

Usage is: /MSG MCFUserNick %QUIT

Last of the MCF System Commands are the commands used to Add/Update/Delete ↔  
entries

in your MCF:MCF.Ops file. All entries in the file consist of the User's ↔  
default

Status Level (a 2 digit number, 00-99), the User's Nick, UserName, HostName  
and any Priv Channels and their authorization level in the following

format: 20 Nick!UserName@ Static.Portion.of.UserHostName #chan1 60 #chan2 50  
Nick must be followed by a ! and UserName must be followed by a @

If the User logs in using a Dynamic connection, a portion of the UserHostName ↔  
always

remains the same. This is the portion to enter for a UserHostName.

- %AU Use to Add/Update User entries in the MCF:MCF.Ops file.  
Usage is:  
/MSG MCFUserNick %AU Nick!User@ Static.Portion.of.UserHostName ?? #Chan ↔  
??  
(?? being the Status Level you wish to assign to this user,  
and any Privledged channels and their authorization after it.)  
Or, to add a PRIV channel to the OPs file, Usage is:  
/MSG MCFUserNick %AU PRIVCH #channelname
- %DU Use to Delete User entries from the MCF:MCF.Ops file.  
Usage is: /MSG MCFUserNick %DU ??? (??? being the minimum amount of  
an entry in the MCF:MCF.Ops file which is unique)

## 1.11 MCF CTCP Commands

Following are a list of CTCP Events that are currently handled by MCF. This means the event will be responded to in 1 way or another.

- CLIENTINFO This event is handled by MCF\_ClientInfo.AMIRX. It will return to the requestor the CTCP Functions currently supported by MCF.
- FINGER This event is handled by MCF\_Finger.AMIRX. It requires AmiTCP:bin/Finger for it to function. It will then return to the requestor the standard finger information about user logged on.
- GETSOUND This event is handled by MCF\_GETSOUND.AMIRX. It will result in you DCC Sending the requested sound file to the user issuing the GETSOUND function.
- PING This event is handled by MCF\_PING.AMIRX. It will send a response to the user who pings you. the response is determined by data in files:  
MCF:MCF.Pings and MCF:MCF.PNicks.
- SOUND This event is handled by MCF\_SOUND.AMIRX. If configured right, it will play the requested sound file on your machine. If you don't have it, your response will be deterimed by the current setting of AUTO variable "NOSOUNDS".
- VERSION This event is handled by MCF\_VERSION.AMIRX. It will send a PRIVMSG to the requestor telling them what Version of MCF you are currently running.
- !Nick This is not a not a true CTCP command or function, but if received either in the channel or by way of PRIVMSG to you, it will translate itself into a CTCP GETSOUND request to perform the same function.  
!Nick SoundFile.wav will request the file "SoundFile.wav" from the user.  
!Nick List will create and send a list of sounds that Nick has in his SOUNDDIR.

## 1.12 MCF FLOOD Related Commands

4 of the 6 Flood Protect functions are internally executed by MCF.AMIRX and are not to be manually executed by the user. The Silence and UnIgnore commands are manually executed by you when you wish to remove an ignore entry that was made by the Auto-Ignore feature of MCF\_PROTECT.AMIRX, or add/remove a user to manual silence list.

**MCF\_PROTECT.AMIRX:** This is the main Flood Protection script. This script is executed when MCF is started, it is not for manual execution. It receives its info from the MCF\_QProtect script by way of a MessagePort. This script currently scans for "PRIV", "CTCP", and "TEXT" type of Floods. When MCF\_PROTECT.AMIRX count of hits exceeds the specified MAX allowed for that type of message within the MAX allowed time, an /IGNORE is issued for all users at that Domain (unless Domain is listed as an OMIT entry). To change the Max hits/times and add/delete Omission Domains, edit ENVARC:MCF.Protect and change the desired maxes to the value you wish to have for that type of flood.

**MCF\_Silence.AMIRX:** This command is to be manually executed by you when you suspect a user is about to flood you.  
 Usage is: /Rx MCF\_Silence Nick to silence a user  
 or: /rx MCF\_Silence Nick - to un-silence a user.  
 For ease of use, make the following Alias:  
 SI /Rx MCF\_Silence %p Passed parameter is Nick.  
 US /Rx MCF\_Silence %p - Passed parameter is Nick.  
 You may also want to make 2 buttons to perform the same functions under Settings -> Setup -> Actions.

**MCF\_UI.AMIRX:** This is a command that is manually executed by you when you wish to UnIgnore a previously Auto-Ignored User.  
 Usage is: /Rx MCF\_UI Nick/Domain  
 For ease of use, make the following Alias:  
 UI /Rx MCF\_UI %p. Passed parameter can be either the Domain or a Nick of that Domain.

**NFK.AMIRX:** This script is used by "MCF\_MKB.AMIRX" during a Mass Kick Ban of Clones. It will catch any Clones that change their Nick during the MKB process.

## 1.13 Extra Commands

All these commands are manually executed by you except for speech.  
 Add Aliases to AmIRC to make use of these commands easier.

**Speech:** Speech is handled by the main MCF script (MCF.AMIRX). To turn Speech on, you must have a SpeechPlayer (SPEAKPLAYER) assigned and the Speech switch (SPEAK) set to Y. Speech will execute when MCF sees a @ in column 1 of the display. If SAY (default) is used for the SpeechPlayer, it will handle the standard speech parameters for changing pitch and other variables.



If MCF sees @Nick and the nick is a nick belonging to another user on that channel, MCF will NOT speak that line to you. MCF will Speak a line that is MSGed to you, @Nick to you, and @any-text.

MCF\_Auto.AMIRX: This script is used by MCF as a GUI Front-end for setting values of all MCF Startup variables. To use, just pass a question mark (?) to the %AUTO function instead of a switch name and it's new value.

MCF\_SAbuser.AMIRX: This script is used to add/delete users from your Speech Ignore List.  
 Usage is: /Rx MCF\_SAbuser Nick or /Rx MCF\_SAbuser - Nick  
 (Using - before nick deletes the user from the list)  
 For ease of use, make the following Alias:  
 SA /Rx MCF\_SAbuser %p. Passed parameters are Nick or - and Nick  
 Also, you may add to Events in Setup, the following button:  
 Sound /Rx MCF\_SAbuser %u

CTCP\_Sound.AMIRX: This script is used to send CTCP SOUND to other users  
 To Configure: Edit MCF.AMIRX and change the values following the variables "SoundDir" (where your sounds are located) and "SoundPlayer" (your soundplayer). Current defaults are:  
 SoundDir = "Sounds:" SoundPlayer = "DH0:C/Play16".  
 Usage is: /Rx CTCP\_Sound SoundFileName Destination  
 GUI Usage: /Rx CTCP\_Sound ? Destination  
 (Channel is default if Destination not entered)  
 For ease of use, make the following Alias:  
 S /Rx CTCP\_Sound %p. Passed parameters are SoundFileName and ←  
 Destination.  
 Also, you may add to Events in Setup, the following button:  
 Sound /Rx CTCP\_Sound ? %u

DalHelper.AMIRX: This script is for use by any user who is a channel founder, an SOP, an AOP, or has a Registered Nick on Dalnet using Dal Services: "ChanServ" or "NickServ"  
 Usage is: /Rx DalHelper C/N Command  
 Got ease of use, make the following Aliases:  
 CS /Rx DalHelper C %p Sends commands to ChanServ.  
 NS /Rx DalHelper N %p Sends commands to NickServ.  
 Valid commands are as follows:  
 ChanServ: IDentify, HELp, INfo, MDeop, MKick, and UNban.  
 NickServ: IDentify, GHost, HELp, INfo, RECover, and RELEase.  
 All commands may be entered as just the first 2 letters instead of the whole word (except for RELEase and RECover).. For more help on each command, connect to Dalnet and then do the following:  
 /CS HELp [Command] and /NS HELp [Command].

FAQ.AMIRX: This script is used to send a file to a channel.  
 Usage is: /Rx FAQ FaqDir FaqFilename  
 For ease of use, make the following Alias:  
 FAQ /Rx FAQ FaqDir %p FaqDir is the director where your FAQs reside ←  
 ,  
 and FaqFileName is the name of the FAQ to be printed to the channel.

MCF\_Alias.AMIRX: This script is for use in sending yourself level 99 ←  
 function

commands. It will send the data to whatever your current Nick is.  
Usage is: /Rx MCF\_Alias %99-level-function arguments for requested ↵  
function

For ease of use, make the following Aliases:

MQ /Rx MCF\_Alias %%QUIT Quits MCF.  
AUTO /Rx MCF\_Alias %%AUTO %p Execute %AUTO function for setting ↵  
flags.  
AU /Rx MCF\_Alias %%AU %p Add User to Users list.  
DU /Rx MCF\_Alias %%DU %p Remove User from Users list.  
OPTS /Rx MCF\_Alias %%OPTS Lists current running configuration.  
RU /Rx MCF\_Alias %%RU Reload Users. (Use after manual OPs ↵  
updates)  
MU /Rx MCF\_Alias %%USERS Lists Users in MCF:MCF.Ops file.

MCF\_Encode.AMIRX: This script is used to send a encrypted messages to the channel, users, or a selected channel.

Usage is: /Rx MCF\_Encode [-mode] [/nick|channel|Topic] messagetext

Mode is a number from 0 to 9. If entered, 1 of 10

new encryption methods will be used. If not entered, Cybeonix 1.3.3 encryption is performed.

If a nick or channel is entered, the encrypted message will be sent to that user or channel.

if Topic is entered, the Topic will be Encrypted.

If not entered, the encrypted message will be sent to the current channel.

For ease of use, make the following Alias:

X /Rx MCF\_Encode %p

MFAQ.AMIRX: This script is used to send a file to a User by way of / ↵  
MSG

Usage is: /Rx MFAQ FaqDir FaqFilename UserNick

For ease of use, make the following Alias:

MFAQ /Rx MFAQ FaqDir %p FaqDir is the director where your FAQs ↵  
reside,

FaqFileName is the name of the FAQ to be sent, and UserNick is the ↵  
Nick

of the user that you want to /MSG the FAQ to.

JSound.AMIRX: This script is used to join a channel and then send a CTCP SOUND to the channel.

Usage is: /Rx JSound #Channel Sound.wav (sound.wav is optional)

For ease of use, make the following Alias:

JS /Rx JSound %p If sound.wav is not entered, the default sound.wav coded in JSound.AMIRX will be played. Edit and change the sound.wav at EntrySound if you desire.

Say.AMIRX: This script is used to add special attributes to your text. Attributes like: Bold, Underscore, and Reverse.

Usage is: /Rx Say message text with special attributes.

To start BOLD use \b

To start REVERSE use \r

To start UNDERSCORE use \u

To end, use the same character you used to start the special attribute.

For ease of use, make the following Alias:

Say /Rx Say %p

## 1.14 TO DO...

Things to Do in the Future!

MCF4AmIRC

Wait for user response and see what would be best to add next.  
Re-write the Flood Protection routine (MCF\_Protect.AMIRX)  
in "C" or Assembly to increase protection speed.  
Add an interactive fileserver that is accessed thru a  
CTCP XDCC command.  
Re-structure MCF Install procedures. Modularize and place  
subroutine install procedures in an Install dir.

## 1.15 History and Bug Fixes....

List of Bug Fixes and Enhancements.

- 26.12.1996 - Fixed a bug in MCF\_SOUND.AMIRX. MCF should no longer  
- open up if the requested sound in not found as a  
- FILE in your SOUNDDIR.
  - 25.12.1996 - Added MCF Configuration File(s) validation to  
- MCF.AMIRX. It should no longer crap out if one  
- of the configuration files is missing.  
- BTW: Merry Christmas to all you AmIRC and MCF users.
  - 22.12.1996 - Fixed a bug with DCCGET that crept into MCF with  
- the version 4.10 update.  
- Changed the way CTCP\_Sound.AMIRX handles multiple  
- assigned directories when sending thru the GUI feature.  
- Added MCF\_Auto.AMIRX. This is a GUI Front-end for  
- the setting of all current MCF Startup variables.
  - 21.12.1996 - Changed speech to run as background task.
  - 20.12.1996 - Added Validation of MCF.Startup variables which  
- is performed at startup and when %AUTO is done.
  - 18.12.1996 - Added new script: MCF\_SAbuser.AMIRX. Manually  
- exclude a user from making your computer speak.  
- Re-structured MCF.AMIRX for future ease of updates.  
- Added new %AUTO variable PSOUND: if = Y MCF  
- will play soundfiles you have that you send to  
- other users.
  - 14.12.1996 - Compressed Speech coding for greater efficiency.  
- Got sick of UPPER Cased sound filenames. Changed  
- MCF.AMIRX so that Soundfile name will be in mixed case.  
- Fixed a bug in MCF\_SOUND.AMIRX when NOSOUNDS was = 3.
  - 13.12.1996 - Changed the method of scanning for Services on Dalnet  
- so that ChanServ/MemoServ/NickServ won't get ignored.  
- Added Speach to MCF.AMIRX.
  - 11.12.1996 - Fixed a problem in the MCF\_HELP.AMIRX script.
  - 24.11.1996 - Added CTCP Functions: MCF\_ClientInfo.AMIRX and  
- MCF\_Finger.AMIRX
  - 09.11.1996 - Fixed problem with Env Clips in MCF.AMIRX.
  - 04.11.1996 - Fixed MCF\_SOUND to switch to NOSOUNDS = 2 when requestor  
- is you. No more !yournick Sound.wav sent to channel.
-

- Fixed %RE function to set variables/clips correctly.
  - Added missing functions to MCF:MCF.Cmds.
  - 01.11.1996 - Added coding to MCF to Decode an Encoded Topic upon
    - Joining a channel that has an Encoded Topic.
  - 30.10.1996 - Fixed Flood Protection routine so that it should not
    - ignore users of "Service@Dal.net" (ie: NickServ, ChanServ).
    - Fixed MCF USE/SAVE option to save all options.
  - 28.10.1996 - Removed "SFPROTECT.?" MsgPort. Deleted MCF\_\_HELP.AMIRX,
    - MCF\_\_STATUS.AMIRX, and MCF\_SFPROTECT.AMIRX.
  - 11.10.1996 - Changed Greet so that if Greet was a sound, it won't
    - Echo back to the screen.
    - Corrected a bug in the GUI of CTCP\_Sound.AMIRX. If
      - SoundDir was an assignment and assigned to only 1 dir,
      - the script was dropping first letter of the filename.
  - 10.10.1996 - Added MCF Aliases installation to the Install\_MCF script.
    - Added Configuration update and obsolete delete to the Install\_MCF script.
  - 09.10.1996 - Made changes to CTCP\_Sound.AMIRX so that the sound
    - requests it sends are playable by Win95 machines.
  - 08.10.1996 - Added 2 new options to the %AUTO GREETs setting.
    - Changed Greet to echo greet back to screen.
  - 07.10.1996 - Moved all ENV: config files to MCF:.
  - 06.10.1996 - Fixed MCF\_SOUND.AMIRX to drop IBM style drive letters and
    - directory paths from the sound filename on a ctcp sound request.
  - 05.10.1996 - Fixed bug in Un-Ignore processing of the flood protection
    - routine.
    - Fixed flood protection to not count size on valid ctcp
      - NOTICE Replys.
    - Added Greet function. Greet by Nick or a random greet.
  - 04.10.1996 - Corrected oversight that allowed a text flood from a user
    - who was already ignored for a ctcp flood.
  - 29.09.1996 - Re-Structured the way MCF processes it's Flood Protection
    - information. (Should result in faster response)
    - Fixed a bug so that a user who is auto-ignored, will
      - no longer get any response from MCF.
  - 27.09.1996 - Fixed a bug in the channel scanning procedure of
    - the !Nick Auto-Request function.
  - 23.09.1996 - Tweaked the CTCP channel flood a little more.
  - 22.09.1996 - Fixed protection to ignore TEXT on a channel CTCP flood.
    - Fixed an error in the help feature of DalHelper.amirx.
  - 21.09.1996 - Corrected a minor error in MCF\_SOUND.AMIRX Not-Found processing.
  - 20.09.1996 - Added Auto-Get feature for Auto-Requested sound files.
  - 19.09.1996 - Corrected a byte dropping error in the GUI of CTCP\_Sound.AMIRX.
  - 17.09.1996 - Compressed all scripts using REXXOpt.
  - 15.09.1996 - Fixed several bugs in the DalHelper.AMIRX script.
    - Changed GUI Multi-dir requestor in CTCP\_Sound.AMIRX.
  - 14.09.1996 - Added SOUNDDIR as an MCF Clipboard variable.
    - Added REXXReqTools GUI to CTCP\_Sound.AMIRX.
  - 13.09.1996 - Fixed bug in %AUTO USE/SAVE routines in main MCF.AMIRX script.
    - Changed MCF\_SOUND.AMIRX to request a not-found soundfile
      - only once.
  - 06.09.1996 - Fixed bug in decryption routine in main MCF.AMIRX script.
  - 05.09.1996 - Added more features to DalHelper.AMIRX. (More to come)
  - 01.09.1996 - Added List function to MCF\_GETSOUNDS.AMIRX.
    - Added /Topic (in place of /nick) option to MCF\_ENCODE.AMIRX.
    - Added DalHelper installation procedure to Install\_MCF.
  - 29.08.1996 - Corrected error in Join script. Tried to OP when NOT OP.
-

- Re-coded port waiting procedure because command WaitForPort
  - had a tendency of getting lost and returning an RC of 10.
  - 27.08.1996 - Added a couple new features to DalHelper.amirx.
  - Added Auto-rejoin into DalHelper when MKick or UNban are done.
  - 24.08.1996 - Busy day! Correct a link error in the Guide file to
  - the "Pre-Install Testing" node.
  - Added a Nick change Kicker into the Mass Kick Ban function.
  - Added "DalHelper.AMIRX" for all people who make use
  - of either ChanServ or NickServ on Dalnet.
  - 17.08.1996 - Hard-coded "Rexx:" in scripts so that it may work
  - better on a standard(non-standard) environment.
  - 13.08.1996 - Updated docs with version 4.2 info.
  - 10.08.1996 - Aminet Officially Removed MCF4AmIRC from their Archive
  - due to the fact that somebody complained, saying that
  - MCF\_MKB.AMIRX (%MKB) is a "War script" and grounds for
  - removal from the Aminet Archive.
  - 04.08.1996 - Added new %AUTO features. USE and SAVE. USE will save
  - your current MCF config to ENV:MCF.StartUp. SAVE will
  - do likewise and also save it to ENVARC:
  - 03.08.1996 - Added 2 new remote commands: MCF\_OK.AMIRX and MCF\_OKB.AMIRX.
  - 29.07.1996 - Re-structured MCF to process a smaller loop on non-valid
  - hits. Removed the Encryption schemes from both MCF.AMIRX
  - and MCF\_Encode.AMIRX and moved it into a separate file
  - in MCF: called "MCF.Encrypt".
  - Added new Auto-Join on INVITE feature and AUTO variable.
  - 27.07.1996 - Added extra options to NOSOUNDS so the MCF will not
  - attempt to play the soundfile if NOSOUNDS is greater than 5.
  - 25.07.1996 - Changed some internal coding to use "RAW" instead of "SAY".
  - 23.07.1996 - Added 10 more encryption schemes for use in encoding
  - messages.
  - 21.07.1996 - Added support for decoding encrypted messages
  - sent with version 1.3.3 of Cybeonix ENCODE function.
  - Added Cybeonix compatible encryption routine
  - for sending encrypted messages.
  - 19.07.1996 - Removed un-needed addlib code from the protection
  - routines. It is now added in MCF before running
  - either of the protection routines.
  - 18.07.1996 - Altered interpretation coding in most of the scripts
  - as partial solution to interface linkage problem.
  - Added internal subroutine "FindPort" for when MCF
  - starts and can't find the AMIRC ARexx MsgPort.
  - 17.07.1996 - Discovered what the major problem was of some users
  - who have been having trouble trying to run MCF.
  - 14.07.1996 - Added new Extra command for sending a sound to a
  - channel as you join it.
  - Added the use of the server Silence command to the
  - flood protection routine.
  - Corrected an error in MCF.AMIRX and MCF\_JOIN.AMIRX
  - Channels listed did not always match up with their
  - count.
  - 13.07.1996 - Altered the parsing of SOUND requests to make it more
  - compatible with Sounds sent by other platforms (IBM).
  - 11.07.1996 - Added support for the auto-fetching of not-found
  - soundfiles in the following format: !Nick file.wav
  - Added new option (4) to auto variable "NOSOUNDS"
  - Added support for individualized remote commands
  - by inserting the users Nick between the % and command.
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- 03.07.1996 - Added size checking into the Flood Protection routine to provide better protection. I also de-activated the scanning for TEXT flood. If you find you need this feature, please contact me.
  - 01.07.1996 - Added a new script and 2 icons to allow a user to test-run MCF from the de-arc'd archive without installing it to your Hard-drive first.
  - 21.06.1996 - Corrected termination problem of new SFProtect script.
  - 20.06.1996 - Created 3 new scripts to sequentially handle the %STATUS and %HELP commands. Renamed the real script files, created SFProtect.AMIRX which runs parallel to MCF. The new Status and Help scripts now do nothing more than stack thier request with SFProtect.AMIRX and wait thier turn.
  - 19.06.1996 - Encountered problem with %STATUS and %HELP when run as background tasks.
  - 17.06.1996 - Re-Coded MCF and all remote command scripts to run as background tasks instead of running under MCF.
  - 15.06.1996 - Added a new variable name and value to MCF.StartUp. NOSOUNDS 0-3 Alters MCF's response to a Soundfile not found conditions from a CTCP SOUND event. Added a new Auto-response function as option 3 for NOSOUNDS. It will issue a CTCP GETSOUND Soundfile to the person sending you the CTCP SOUND.
  - 14.06.1996 - Turned CTCP events to possible functions and added valid CTCP functions to the MCF.Cmds file.
  - 12.06.1996 - Added new level 99 command: %OPTS.
  - 09.06.1996 - Corrected problem in the MCF\_MKB.AMIRX script.
  - 02.06.1996 - Added Channelized authorizations and Privledged channel settings. Restricts OPs to only users with that channel listed on their MCF.Ops entry.
  - 29.05.1996 - Added new Extra command: Say.AMIRX.
  - 25.05.1996 - Corrected problem related to cleaning up the Clipboard.
    - Changed the %OP function to work without an argument.
  - 21.05.1996 - Created an Installer script for Installing MCF.
  - 18.05.1996 - Corrected typo in docs.
    - Corrected an error in MCF\_MDO.AMIRX.
  - 12.05.1996 - Added TEXT and PRIV scanning/auto-ignore to Protection process.
    - Added Sounds to the CTCP scan of the Protection process.
    - Corrected End of Client error. Now closing Protection MSG Port as well as exiting the MCF\_PROTECT.AMIRX script.
  - 11.05.1996 - Moved MCF\_JOIN.AMIRX to ENV: to reduce HardDrive accesses.
  - 10.05.1996 - Rewrote Flood Protection processing. Now queued with MCF\_QProtect.
  - 08.05.1996 - Changed MCF to make use of ENV settings.
  - 06.05.1996 - Corrected a Multi-Client ClipBoard channel problem.
  - 05.05.1996 - Added new function: MCF\_Alias to make using level 99 commands easier.
  - 02.05.1996 - Corrected an error that ocurred when RCMDS was set to N.
    - Rewrote the MCF\_STATUS function.
  - 02.05.1996 - Added 9 more .help files to the MCF: directory.
  - 01.05.1996 - Changed FLOOD Protection to run as a parallel process.
  - 25.04.1996 - Added OPTS function to display current Options of MCF.
  - 23.04.1996 - Added external command for sending CTCP SOUND to users easily.
  - 20.04.1996 - Added UnIgnore function.
    - Added FLOOD Protection.
  - 20.04.1996 - Added support for processing CTCP Sound commands.
  - 19.04.1996 - Changed MDO function to De-OP users at a rate of 10 per De-OP command ↔
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- Disabled Auto-OP function if OPS not = Y
- 14.04.1996 - Resolved problems brought about in a Multi-Client environment.
- 13.04.1996 - Added Remote Commands on/off setting as AUTO switch RCMDS
- 12.04.1996 - Added ChannelOp recognition character as AUTO stitch OPCHAR
- 11.04.1996 - Fixed Auto-Start in Multi-Client environments by setting a clip variable named after the AmIRC ARexx address() of requesting client.
- 08.04.1996 - Increased display size of Nick/User name in USERS function.
- 04.04.1996 - Release of Version 1.0 of MCF

## 1.16 About the author...

The Author's Addresses...

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E-Mail: dtbecker@ptd.net

IRC: StarDustr!StarDustr@\*.sun.ptd.net (Space Ranger)  
 or StarDustr!StarDustr@\*.pcn.ptd.net

Usually on: Dalnet in channel #AmIRC.

Note: On IRC, other people use the nick "StarDustr",  
 so please verify that it is really me, first.

If you feel the irresistible need to send me money, gifts or an  
 Amiga 4000 Tower (or maybe a NEW Power Amiga!), I will give you  
 a very gracious "Thank You!"

Only on an

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P.S. Some users have mentioned that I should make "MCF"  
 shareware and require a registration fee. I, myself,  
 hate paying shareware fees just to get the options of  
 the software you want, to work. If you vountarily  
 send any contributions, this will help maintain my  
 current attitude about shareware fees and encourage

me to continue development and FREE distribution of  
"MCF". Thanks to all the users of "MCF"  
and those who have been a great  
help in the development and  
debugging of "MCF".

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