AmiTALK

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	COLLABORATORS			
	TITLE : AmiTALK			
ACTION	*NAME*	*DATE*	*SIGNATURE*	
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REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

AmiTALK

1.1 AmiTALK.guide

Welcome to AmiTALK V1.55 by Brian Gunn.

Note: If you are having problems getting AmiTALK to work, please read the
troubleshooting
 section.

IMPORTANT INFORMATION
 is contained within.

What is AmiTALK?

How do I install AmiTALK? (esp. CNET!)

How do I use AmiTALK?

How do I report bugs?

How do I give suggestions?

How do I customize the requester?

What are the future plans for AmiTALK?

What TIA support is in AmiTALK?

Thanks to...

That stupid copyright type stuff...

Troubleshooting
History...

1.2   important

Versions 1.52 and 1.53 of AmiTALK had a bug in the installer script
which caused AmiTALK not to work if your first installation was from
one of those releases. To make sure that your system is configured
properly, please do the following:

Edit amitcp:db/inetd.conf or inet:db/inetd.conf. If there is a line
that starts with "talk", delete it. (But leave any lines starting
with "ntalk".)

If there is not a line that begins with ntalk, then please have the
installer add this line for you (or add it yourself by adding the
line from either "amitcp-inetd.addme" or "as225-inetd.addme" to
your inetd.conf).

Also included in this release is a file called "DebugInformation".
Please run this script and email me the results if you are having
problems with AmiTALK (ESPECIALLY if you are getting the
"Couldn't bind to ctl socket" error).

If you get the "Couldn't bind to ctl socket" error and live within
60 miles of Beatrice, NE, USA, PLEASE email me and tell me so. I will
drive to your house to try to fix this problem. (Don't worry if your
house isn't air conditioned--neither is mine... :(Just have plenty
of iced tea around... :)

And while you're here, I will mention that to paste into the
AmiTALK window, hit Right-Amiga v.

1.3   whatis

                AmiTALK is a Unix compatible talk program. With this program, you ←
                    can
interactively chat with other Amiga owners using AmiTALK, with person
using Unix talk, or with any person with a Unix compatible talk
program.

AmiTALK has been shown to work with ntalk, ytalk 3.0, and NeXT's talk.
It may be incompatible with other versions of talk.

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1.4   install

                To install AmiTALK, double click on the Install icon and follow ←
                    the
instructions included there.

If you chose the reqtools version of talkrequest and don't have

rexxreqtools installed, then install rexxreqtools. (From
RexxReqTools1_3.lha in util/rexx of
                aminet
                .)

To install AmiTALK for use with CNet, some additional steps must be
taken. The talk.rexx script must be copied somewhere (like pfiles:)
and talk.rexx must be setup to be used by users. Also copy the file
"olm" to somewhere in your path. CNet users can now use talk by
typing whatever is necessary to run the talk.rexx script (as setup by
you) followed by a username and address to talk to. AmiTALK uses
CNet's uucp field for talk requests, so encourage users to set this to
something reasonable.

You should now be ready to
                use
                 AmiTALK on your system
(assuming that you have AmiTCP installed correctly).

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1.5 usage

                AmiTALK now has the capability to paste into the AmiTALK window.   ←
                     To do
this, hit Right-Amiga v.

AmiTALK has a shell and a GUI mode. The GUI mode is the default.
To use the shell mode instead, include the keyword "shell" on the command
line.

To initiate a talk request to another user, type:

talk user@machine

Example:

talk President@whitehouse.gov

talk shell President@whitehouse.gov

Alternatively, if you are using the reqtools version of
talkrequest.rexx, talk requests can be initiated by running the
talkrequest.rexx script (either type "rx amitcp:bin/talkrequest.rexx"
or "rx inet:c/talkrequest.rexx") in a shell, or by setting up
talkrequest.rx to be used in ToolManager or the like). A window will
open with a default address to talk to (which can be changed by
modifying the talkrequest.rexx script). Hit return to accept this
address, or change the address and press return.

Now wait until the user you have paged answers your request. At this
time, "Connection Established" will appear in the AmiTALK window title
bar, and your system beep will be heard (if you have your volume up).

You are now connected with the other party. Type as long as you care
to (noting any
                bugs
                ), and end the talk session by
clicking the close button on the AmiTALK window. If the AmiTALK
window suddenly disappears and no message appears in the syslog
window, then the other party has closed the talk session. If an error
DOES appear in the syslog, then an error has occurred.

If someone initiates a talk request to your machine, a requester will
appear showing the address of the person trying to talk to you. Click
the "Answer" button or hit return to answer the call, or click Ignore
to do nothing. You can also type talk and the address in the
requester in the shell to answer.

To refuse incoming talk requests without taking ntalk out of
inetd.conf, type "setenv MESG off" in a shell window. To turn
requests back on, type "setenv MESG on". When MESG is off, people
that try to talk to you will get a "Your party is refusing messages"
response.

To return a "Your party is not logged on" message type "setenv BLANKED
on" in a shell window. To return AmiTALK to normal answer mode, type
"unsetenv BLANKED".

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1.6   contact

                I do not charge any money for the use of AmiTALK. However, I ←
                 would
GREATLY appreciate any donations you care to send. As of the writing
of this text, I have $-0.92 in my checking account. Remember--even a single
quarter will get me a bag of Ramen soup....

If you have a bug, suggestion, or comment you would like me to hear,
either send email to:

gunnbr@cs.rose-hulman.edu

or normal mail to:

Brian Gunn
1837 Carlyle St.
Beatrice, NE 68310-1723

I am also on IRC as Beowulf_ on #amiga.

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1.7 customize

When an incoming talk request comes in, talkd runs the executes ←
the
command "talkrequest.rexx <calling party> <party being called>",
either amitcp:bin/ or inet:c/ (depending upon whether the AmiTCP or
AS225 version of AmiTALK is being used). You can change this script
to do whatever you want to signal and/or answer incoming requests.

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1.8 future

Here is a not totally complete list of the future plans I have to ←
AmiTALK:

Add a config file to store a Public Screen to open AmiTALK and the
size of the AmiTALK window.

Use textfield.gadget for the talk windows. This will give AmiTALK:
  Working text redraw after resizes.
  Copy & paste support.
  A scrollbar (actually, not part of textfield.gadget, but easy
        to add.)

Clean up source code and release it.

Make a log of talk requests and what became of them (so if you are
away from your machine, you will know who has tried to talk to
you--even if your machine crashes before you get to see the amitcp.log)

Make talkd return the "Your party is not logged on" message for users other
than the one logged in. (On second thought--this may cause problems with
MuFS users...)

Add more support for MuFS (maybe--I need to see what MuFS support *IS*!).

Hotlist of most recently called people. (Perhaps read from elm aliases.)

TIA support... MAYBE...

Anything else suggested by users.

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1.9 tia

There is no implicit support for TIA in AmiTALK. I don't use TIA ←
                and
have no physical access to a that is capable of using it. My serial port is
busy with other things, so I can't even setup TIA and test it myself.
Maybe someday, I'll add TIA support, but hopefully good net access
for everyone will become available in the near future. (Note that TIA
is *NOT* good net access.)

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1.10 copyright

This program is ©1995 Brian Gunn. I give permission for it to
be FREELY distributed. No money need be paid to me (or anyone else)
to use this package legally.

Permission is granted for this package to be distributed with any
freely distributed AmiTCP package if the authors of this *GREAT*
package feel it worthy.

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1.11 thanks

BIG thanks to the AmiTCP group for making AmiTCP.

Thanks to Mike Bayne for helping me debug and test this.

Thanks to Brian Mury and David Kinder for helping me with a stupid
    BevelBox problem.

Thanks to University of California for developing the Unix talk
    standard and making the source freely available.

Thanks to Richard Stallman and GNU for Emacs, without which this
    program could not have been written... :)

Thanks to David Gay for porting Emacs to the Amiga.

Thanks for Kevin Stiner for letting me borrow his 4000 (thus the
    flurry of bug fixes at the beginning of February...)

Thanks for Mike Buford for selling me his A530 Turbo!!!!

Thanks for Lenn Trigg for the GREAT talkrequest.rx script!!

Thanks to Henric Jungheim for debugging and improving a lot of my

source code.

Thanks to JanusMan on #amiga for helping rewrite the talkrequest.rx script
for use with 3.0.

Thanks to phil for suggesting ()'s around the date in the version string.

Thanks to people on #amiga for helping with a variety of problems.

Thanks to Marcel Offermans and Frank Groen for EAGUI. (Eventhough EAGUI wasn't
used in this, I did use some code from one of their examples....)

Thanks for michale (pln.com) and MustangVR (vrb.com) for testing and
debugging the CNet stuff.

Thanks to Jason Gouger for the shell mode display routines.

Thanks to Ric Fischer for pointing out an Installer script bug that I didn't know
existed.

Thanks to the MANY people who have mailed me their bug reports and suggestions!

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1.12 troubleshooting

                  Problem: I don't get notified of incoming talk requests.

Solution: There are two solutions to this:

    1) Get RexxReqTools1_3.lha from
            aminet
              in util/rexx.

    2) Get KS 3.0 or higher and copy 30talkrequest.rx to
        amitcp:bin/talkrequest.rx.

    3) Write an amitcp:bin/talkrequest.rx that uses neither KS 3.0 nor ←
        rexxreqtools.
          Once you have done this, mail it to me so I can include it in the next ←
            release.

 Problem: When I run talk, I get a "Couldn't get a username.
     Have you logged in?" error.

Solution: Run the AmiTCP "login" command to login to AmiTCP.
     If you cannot figure out how to login,then run:

     setenv USER <username>

     from the amiga shell (where <username> is your login name).

     Example:

```
   Preferred method:

    login -f gunnbr

   Non-preferred method:

    setenv USER gunnbr
```

Problem: When I run talk, I get a "Couldn't bind to control socket" error.

Solution: Unfortunately, I know of no solution to this. I do not get this
    error on any machine I have physical access to, so I am having
    difficulty debugging it.

    As of this this release, I am including a script (called
    DebugInformation) that will help me determine the cause of the
    problem. Please run this and email the results to me.

Problem: I can't answer incoming talk requests.

Solution: Someone is being paged other than the person currently logged in.
    This will be fixed in the future such that if a person other than
    the one currently logged in is paged, AmiTALK will return a "Your
    party is not logged on" message.

Problem: Talk locks up when run.

Solution: Well, I'm sure there are many reasons this could happen. The one I
    am aware of is that if the environment variable USER has a
    linefeed in it, talk will lock up (on a printf I believe).
    I am investigating this problem.

Problem: AmiTALK simply doesn't work.

Solution: There are many different versions of talk floating around the net.
    Not all these versions of talk are compatible. It could be that the version
    of talk you are using is not compatible with AmiTALK. Try a different ←
     version
    of talk on the remote machine.

Problem: I don't get talk requesters.

Solution: Make sure the command rx is in your default system path.

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1.13 aminet

              From the Aminet README:

5. Mirror sites
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These are the members of Aminet and have the files from here.  All mirrors
have the new files but most delete old files, however ftp.wustl.edu,
ftp.uni-paderborn.de and ftp.doc.ic.ac.uk  keep all files.  Whenever
possible, use the mirror that is the closest to your place.  Most mirrors
get updated three times a day.

| Location | Name | IP Address | Path | Files |
|---|---|---|---|---|
| USA (MO) | ftp.wustl.edu | 128.252.135.4 | pub/aminet/ | ALL |
| USA (CA) | ftp.cdrom.com | 192.216.222.5 | pub/aminet/ | 9000 |
| USA (TX) | ftp.etsu.edu | 192.43.199.20 | pub/aminet/ | 5000 |
| USA (WI) | ftp.netnet.net | 198.70.64.3 | pub/aminet/ | 10000 |
| Scandinavia | ftp.luth.se | 130.240.18.2 | pub/aminet/ | 10000 |
| Switzerland | ftp.eunet.ch | 146.228.10.16 | pub/aminet/ | 5500 |
| Switzerland | ftp.math.ethz.ch | 129.132.104.6 | pub/aminet/ | 1000 |
| Switzerland | litamiga.epfl.ch | 128.178.151.32 | pub/aminet/ | 300 |
| Germany | kelly.uni-paderborn.de | 131.234.128.206 | pub/aminet/ | ALL |
| Germany | ftp.uni-paderborn.de | 131.234.2.42 | pub/aminet/ | ALL |
| Germany | ftp.uni-erlangen.de | 131.188.3.2 | pub/aminet/ | 7000 |
| Germany | ftp.uni-oldenburg.de | 134.106.40.9 | pub/aminet/ | 2500 |
| Germany | ftp.uni-kl.de | 131.246.9.95 | pub/aminet/ | 1500 |
| Germany | ftp.uni-stuttgart.de | 129.69.18.15 | cd  aminet | 4500 |
| Germany | ftp.uni-siegen.de | 141.99.128.1 | pub/aminet/ | 1500 |
| Germany | ftp.cs.tu-berlin.de | 130.149.17.7 | pub/aminet/ | 4000 |
| Germany | ftp.stud.fh-heilbronn.de | 141.7.1.41 | pub/aminet/ | 600 |
| Germany | ftp.tu-chemnitz.de | 192.108.33.193 | pub/aminet/ | 4000 |
| Germany | ftp.rz.uni-wuerzburg.de | 132.187.1.2 | pub/aminet/ | 700 |
| UK | ftp.doc.ic.ac.uk | 155.198.1.40 | pub/aminet/ | ALL |
| UK | micros.hensa.ac.uk | 148.88.8.84 | pub/aminet/ | 8500 |

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