00ca8dc0-0

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	TITLE : 00ca8dc0-0		
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

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1.1 Amiconnect - Contents

Amiconnect Version 3

Copyright Martin Hunt 1985

This program is shareware, please register

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NEW FOR VERSION 3 Improvements And New Features

FAQ's, COMMON PROBLEMS AND IMPROVEMENTS WILL BE POSTED TO MY WWW PAGES

http://www.webzone1.co.uk/www/plymouthweb/

1.2 Introduction

What is Amiconnect?

After transfering from a service provider that provided a customised AmiTCP setup ←
    to
my new supplier I found that setting up AmiTCP was actually quite a pain. I am ←
    quite a
confident person when it comes to computers, so I thought that some sort of ←
    program

was needed to make setting up easier.

I had also had problems getting any sort of dialler working properly, and so ←
   decided
to write a simple dialler program of my own, this I decided would be incorporated ←
   into
my new configuration program. This new program must also be compatible with my ←
   Control
Panel program, and in fact should complement it to allow even more accurate ←
   logging of
calls.

After several months of development AmiConnect was finished, but I had just found ←
   a
new arexx library called Apig.library and had decided that I would use this ←
   library to
make Control~Panel even better, as Rexxarplib.library and Apig.library weren't ←
   really
compatible it meant completely rewriting AmiConnect. After all this AmiConnect now
looks better and operates better, and in a more system friendly manner.

AmiConnect is designed to replace startnet, any link script and also acts as a
dialler. This version will now work with PPP, if you are using a dynamic
node you must use PPP, dynamic slip connection are not supported and will
not be supported in the future.

This package and AmiTCP should be the only programs you need to connect to the net ←
   ,
send & receive mail and receive news. You will of course need a mail program and a
newsreader, see other~programs for some recommendations.

AmiConnect is not responsible for collecting and sending mail, so it will
work with both POP3 and SMTP mail systems. If amitcp:bin/mailkick is present
it will be started to facilitate sending of smtp mail, if it isn't available
it won't/can't be started, you will have to manual start your mail grabbing
program or pop3 client. If your provider can only handle POP3 mail, please
make sure that amitcp:bin/mailkick doesn't exist by typing delete
amitcp:bin/mailkick into a shell.

This version of Amiconnect now has a more compact connection display, this
is only a cosmetic improvement but does stop your desktop getting too
cluttered.

1.3 Installation

Installation

Installation is via the standard Amiga installer program, the installer will ask ←
   you
the following details

Where Is AmiTCP Installed?
Choose the directory where you chose to install AmiTCP, if you have yet to install
AmiTCP please abort the installation and install AmiTCP first.

Where do you want Amiconnect to be installed?
Choose where you want the Amiconnect program and icon files to be stored, the
recommended directory is amitcp:bin, but you may choose any directory you like, it ←
    is
advisable that this directory is on a runnable path.

Where do you want Amiconnects Doc File to be installed?
Select where you want to store this doc file, a doc file will also be installed to
amitcp:docs as Amiconnect needs the file there for its help button to work.

Copying News and Mail Stuff to AmiTCP:bin
This copies all the mail and news sending/reading programs to amitcp:bin, if you
already have a working news/mail setup you may want to skip this part.

Copying Mail Server to Amitcp:serv
This copies the incoming mail deamon in.smtpd to amitcp's server drawer, this file ←
    is
essential if you want to receive mail. Your amitcp:db/inetd.conf file is also ←
   altered
to use the mail server, if amitcp is currently running you will need to send a ←
   break_f
to inetd or to reboot and restart amitcp before this server will become active.

I now need to setup....
Amiconnect needs to know where your main system directories are, the default
directories are made by the installer if not available.

Where is your uunews: directory
Uunews is where all your news articles are unbatched to. I would advise that you
either have a separate partition for news or invest in a new, more stable file ←
    system,
as news puts a lot of wear on the hard drive and a crash during a news write ←
   operation
may cause invalidation of your hard drive partition.

Where is your uumail: directory
This is the directory where all your incoming mail is stored, if your mail address ←
    is
Another@any.old.node your mail will be stored in a file called another.

Where is you uulib: directory
This directory is where several import files are kept, such as

Newsgroups   - The file with the names of all the newsgroups you want
                    to subscribe to.

Another.signature - Your signature, another being your user name
Config   - Some old programs require a uulib:config file, an example
                    file is given.

Aliases   - A file with mail aliases in, this allows you to store peoples
                    mail addresses and also allows you to redirect incoming mail.

Seq   - A file containing a number used to generate message numbers ←
   for
                    your outgoing mail.

Where is your uuspool: directory
This is a directory where all your incoming mail and news is wrote to, it is also
where all your outgoing mail is stored prior to being sent. This directory usually
also contains some logfiles.

Starting Amiconnect Configuration Program
Amiconnect is now started so that you can configure it, see main~menu for more
details.

1.4 Main Menu

Main Menu

The menu that you get when you initially start Amiconnect, unless you use the ↩
   command
line options.

                        Amiconnect Configuration

           User Details   Provider Details

           Modem Details   Logon Details

                              HELP

           Start Amitcp   Stop Amitcp   Connect Disconnect

           Load   Save As   Use   Save   Cancel

1.5 Command Line Parameters

Command Line Parameters

Amiconnect may be started from the command line and takes the following parameters ↩
    .

LOAD   - Allows you to load a config file, saved using save as option.

NEWS   - Collects news when connect

NONEWS - Do not collect news when connected

CONFIG - Displays Main Menu

START   - Starts AmiTCP

STOP   - Stops AmiTCP

```
UP       - Attemps to connect you to the net

DOWN     - Disconnects you from the net

RETRY    - The number of times to retry the pops phonenumber
```

1.6 Other Programs

```
Mail Programs

Admail An AmiTCP Mail Program
ftp://src.doc.ic.ac.uk/pub/aminet/comm/mail/admail.lha

GDMail V1.2  A Gadtools Based Mail Program
ftp://src.doc.ic.ac.uk/pub/aminet/comm/mail/GDMail_1.2.lha

Amiga Elm V4 A good complex mail reader
ftp//src.doc.ic.ac.uk/pub/aminet/comm/mail/AmigaElm-v4.lha

News Programs

Grn V2.1 Recommended GUI News Reader
ftp://src.doc.ic.ac.uk/pub/aminet/comm/news/GRn-2.1.lha

Tin V1.2 News Reader
ftp://src.doc.ic.ac.uk/pub/aminet/comm/news/tin122.lha

Other Programs

Archie132  Archie Client
ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/archie132.lha

GuiFTP     A graphical FTP client
ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/Gui-FTP.lha

Gopher     An Amiga Gopher Client
ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/gopher.lha

Grapevine  A very good graphical IRC client
ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/grapevine-1_33.lha

Artser     An improved serial.device
ftp://src.doc.ic.ac.uk/pub/aminet/comm/misc/ArtSer37_6.lha

Pbill3.2   Phonebill prediction program, requires Amitcp software
which generates logfile e.g. plink, Control Panel
ftp://src.doc.ic.ac.uk/pub/aminet/comm/misc/pbill32.lha

Other Programs By Me

Control Panel 5   A Graphical Interface For AmiTCP, works with Amiconnect to
                  generate accurate connection logs.
                  Also includes Gui frontends for Telnet,Finger and ping and
                  allows multiple users to use the same setup.
                  Now supports public screens.
```

```
ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/CP5.lha
```

```
Arfir & Newsed 3  Arfir is a graphical front end for archie which allows you
                   to easily search for files using archie and the download them.
                   Newsed3 is a graphical editor for your uulib:newsgroup
                   files, it has many features such as ability to selectively  ←
                      import
                   groups from an active newsroup file, also allows unique  ←
                      signatures
                   for newsgroups when used in conjunction with Grn.
```

```
ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/NewsedArfir.lha
```

1.7 Registration

```
Registration
This package is shareware, this means that if you carry on using the
program that you send me the suggested fee.
The prices for registration is as follows


                                UK Pounds   US Dollars
Amiconnect                         £10         $20


Any other of my programs can then be ordered for 50% of their price
e.g. CP5 and Amiconnect will cost £15 instead of £20.

Payment must be in UK cheques/postal order, cash (notes only in strong
envelope, not airmail envelopes), or International Money Order. Cash and UK
Cheques are the preferred methods of payment.

Your registered keyfile will be sent by uuencoded e-mail, you will also be
entitled to 10k of free web space on my web site.

You should send your registration fee and the following details

Machine
Memory
HD
Modem type
AmiTCP Version
WB Version
E-Mail Address
Whether you want Cp5 or Newsed/Arfir if you are ordering the £15/$30 package.

To.

Martin Hunt
27 Furzehill Road
Mutley
Plymouth
PL4 4JZ
England
```

If you need any help with any of my packages please e-mail me at
mchunt@mail.zynet.co.uk and I will do my best to help, obviously
registered users will get priority service but I will give help to
those who have yet to register.

1.8 Problems

Please contact me and I will help as quickly as I can;
E-Mail: mchunt@mail.zynet.co.uk

Or check my homepages for any known bugs

http://www.webzone1.oc.uk/www/plymouthweb/

1.9 LOAD

Load

This button or parameter allows you to load a set of parameters which you have ←
    saved
using the save~as facility, this is useful if you have more than one provider as ←
    you
can have a separate config file for each provider.

1.10 START AMITCP

Start AmiTCP

This button or option starts AmiTCP using the information which you have entered ←
    into
AmiConnect, it does not connect you to the net, to do that use the connect button ←
    or
the up option.

1.11 STOP AMITCP

Stop Amitcp

This stops AmiTCP, maybe necessary if you are short on memory and using non AmiTCP
applications.

1.12 Connecting To The Net

```
Connect
```

```
This attempts to connect you to the net.
```

```
A status display will appear, that will show all the message sent to and received  ←
    from
your modem and the computer you log on to. This display will also show you any  ←
    error
messages.
```

```
If the phone number of the 1st pop is busy, Amiconnect will try the 2nd number, it
will repeat this 2 times or as many times as specified by the retry parameter.
```

```
Some settings are your modem will be altered temporariliy, but may be reset by
switching your modem on or off.
```

1.13 Disconnecting From The Net

```
Disconnect
```

```
Disconnects you from the net and takes your modem offline.
```

1.14 Save As

1.15 Save

```
Save
```

```
Saves the current settings to envarc:
```

1.16 User Details

```
User Details
```

```
This is where you enter the details of the main user of your system.
```

```
E-Mail Address - Enter your e-mail address here
```

```
Real Name - Enter your realname
```

```
Organization - Enter an organizat ion string
```

```
Home Directory - Your home directory
```

```
This information will be used to set various environment variables .
```

1.17 Modem Details

Modem Details

Amiconnect needs to know quite a bit about your modem to work properly, most of ↩
    the
defaults should work fine, you may need to consult your modems handbooks for more
information on the settings.

Serial Device – What serial device your are using to connect to the net

Device Number – The device number of the serial device

Baud Rate – The DTE rate, this needs to be higher than your modems baud rate to ↩
    ensure
fastest transfer, 38400 or 57600 are probably the best values.

Sana2/TCPIP Dev. – Are you using Cslip,slip or PPP.

Init. Modem – Command used to initialis e modem

Dial Command – Command used to dial your pop (may be ATDT or ATDP usually)

DTR Overide On – The command used to turn the Data Terminal Ready overide on

DTR Overide Off – The command to turn it off

Modem Hang – Than command to tell the modem to hang up

Command Mode – The string needed to tell the modem to enter command mode

Set Data Rate – Command needed to fix the DTE rate at the current Baud Rate

OK Message – How the modem responds if a command is successfu l

1.18 Provider Details

Provide Details

Information about your service provider, needed to dial out and connect.

Your IP No. – Enter your internet protocol number, if you are using PPP with
a dynamic node this number must be 0.0.0.0

Gateways IP No. – The internet protocol number of the machine you connect to.

Mail Server – The address of the machine where you collect your mail (usually ↩
    start
off with post,gpo or something mail related followed by the domain name i.e.
gpo.zynet.co.uk post.demon.co.uk)

News Server – The address of the machine where you collect news (usually news ↩
    followed

by domain name, i.e.news.zynet.co.uk news.demon.co.uk)

HTTP Proxy - If your provider has a http proxy server, you may specify
FTP Proxy   - the values here and WWW access will be speeded up.
Gopher Proxy- The address is usually http://www.service.provider:portno/
WAIS Proxy - e.g. http://www.zynet.co.uk:8000/ http://www.demon.co.uk:8080/

Pop1 Name - The name of the pop you want to connect to
Pop1 Phone Numbeer - This pops phone number

Pop2 Name - The pop to try if the 1st pop is busy, if your provider has only 1 pop
enter the same as pop 1
Pop2 Phone - The phone number for the 2nd pop

1.19 Logon Details

Logon Details

Information about the logon sequence of your provider, your user name is taken ←
    from
your e-mail address. It is usually best to only include the latter part of the
prompts.

Login Prompt: The prompt requesting you to enter your user name

Response: What you enter in response to the login prompt, quite commonly
your node name i.e. mchunt but maybe your user name.

Protocol Prompt: The prompt requesting you to select what protocol you are using, ←
    if
n/a leave blank.

Password Prompt: The prompt asking you to enter your password

Password: Your password, which you type in response to the above

1.20 Help

Help

Youre Reading It!

1.21 Use

Use

Save the current settings to Env:, will not be there when you reset.

1.22 Cancel

```
Cancel
```

```
Cancels any changes made to the settings.
```

1.23 New Features For Version 3

```
New Features
```

```
Amiconnect 3 has a new connect interface which is more compact and in my
opinion better looking. This interface will now abort at all stages (please
email me if it doesn't), in version 2 the abort function would not work for
some of the modem initialisation sequence.
```

```
The main change however is the ability to use a custom login script, this is
for people who's login procedure is vastly different to that which
Amiconnect was initially written to deal with.
```

```
To use this facility you will need to create a file called
amitcp:db/aclogonscript, which should be in the following format
```

```
received prompt1
response to prompt1
received prompt2
response to prompt2
.....
received prompt#
response to prompt#
```

```
this file may be as long as you like but must have an even number of lines,
i.e. every received prompt must have a corresponsing response. The standard
login procedure would look like this
```

```
ogin:
nodename
assword:
yourpassword
rotocol:
slip
```

```
There are no other new features, only a couple of small bugfixes and tweaks.
```