WHO_README

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COLLABORATORS			
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Chapter 1

WHO_README

1.1 CNet Amiga Who, v2.71 README Guide by Dotoran of Frontiers!

```
        Presenting...


            CNet Amiga WHO, v2.71
       by Dotoran of Frontiers!
```

1.2 Welcome to CNet Amiga WHO, v2.71's README Guide!

```
     =======================================================================

     CNet WHO's, v2.71 by
      Dotoran of Frontiers BBS!
     =======================================================================


      What is it?

      It takes ARGUMENTS too!

      How do I upgrade it?

      How do I install it?

      Setting 'SuperUser' Privilege Flag

      The Long WHO Command Menu!

      Using the WHO Config Module!

      Is that it? In the Future!
```

1.3 So, what exactly IS the CNet Amiga WHO?

                                What Is It?
~~~~~~~~~~~
     This is the WHO replacement package you've been waiting for! Especially
if you're a multi-line SysOp, as these are the FIRST EVER external WHO files
that EXACTLY MIMIC CNet's WHO commands in ALL ways, including HIDDEN users!

     You will find three versions of the WHO command, each with it's own list
of features:

                    Short Who

                    Normal Who

                    Long Who

     Of course, all appear in the FRONTIERS BBS Color Scheme, but can easily
be changed by using the included
                    CONFIG
                     file.

1.4   Feature list for the SHORT version WHO module...

"Short Who" – The "W" Command:
 ~~~~~~~~~   ~
     – Port Number (Scans ALL Loaded Ports. Will only display IDLE ports if
                    you have this enabled through CNet's CONFIG program!)
     – User's Handle
     – Where the User IS in your System!
     – Conference Control Flag (+) Supported 100%. (This means that users on
       other ports who try to Hide or Muffle a Conf. Controller will appear
       to do so on THEIR screens, but will FAIL to do so on the Controller's
       WHO screen, just like CNET!)
     – Hiding "h", and Muffling "m" fully supported.
     – Attempted Hiding "H", and Attempted Muffling "M" also supported!
       (This is what a Conference Controller will see on their WHO screens
        of user's who are trying to Hide or Muffle them!)
     – SuperUser Flag "S" now shown as well. Users with the "SuperUser" flag
       will have added abilities on the "Internet" side of things, once CNet
       has these features more solidly in place. (Presently, the flag is NOT
       being used yet).
     – Idle Ports now have the ability to show how LONG they've been Idle,
       provided you have "Show Idle Ports" set in CONFIG!
     – Occupied Ports that have been IDLE for LONGER than 5 minutes now tell
       you this, so that you can get an idea as to whether or not the user
       on the port is REALLY there or not!
     – Fully colorized, with two separate HELP menus for beginning users!

1.5   Feature list for the NORMAL version WHO module...

```
                     "Normal Who" - The "WH" Command:
 ~~~~~~~~~~          ~~
    - Contains everything the "
                 Short
                 " format does, PLUS:
    - Logon Time.
    - Current CPS Rate (Baud/100).
    - City, State, and Country User Hails From.
    - User's Short, Internal CNet WHO Banner!
    - Idle Ports can now use an optional IDLE Banner, a line of up to 54
      characters that could possibly tell such info as phone numbers, baud
      rates, times, etc. If an Idle Banner is NOT created, the user will be
      shown the regular "<No One>  0  Idle" line instead, unless a DEFAULT
      Idle Banner has also been created.
```

1.6   Feature list for the LONG version WHO module...

```
                     "Long Who" - The "WHO" Command:
 ~~~~~~~~            ~~~
    - Contains all "
                 Short
                 " and "
                 Normal
                 " information, PLUS:
    - Last Call Date.
    - Gender of User (Male or Female)[Color Coded Blue or Red]
    - Time Used Online TODAY (in Minutes)
    - The User's 3-Line "Glimpse" file.
    - A History Flag "*" Telling which Users Have History Files, which are
      text files of up to 20-Lines!
```

1.7   Specifying Arguments with the W, WH, and WHO commands...

```
                  All three versions of the command may also take numeric  ←
                     arguments, which
act just like CNet's built-in versions. These numbers represent the PORTS in
which you wish to scan, like these examples illustrate:

    W 0-2               : Short WHO for Ports 0 thru 2.
    WH 1 4 10           : Normal WHO for Ports 1, 4, and 10.
    WHO 0-2,5.9 12-     : Long WHO for Ports 0 thru 2, 5, 9, and all Ports
                          from 12 thru your Highest Loaded Port.

    Note that ALL forms of arguments are allowed:  2  0,3  1-4,  2.5.8, etc.

    Provided the user has the "Conference Control" flag set in their account,
they may also specify the <C>onfig argument to load the
                 CONFIG
                  file:

    W C      : Load CONFIG, ready to Edit Short Who data.
```

      WH C   : Load CONFIG, ready to Edit Normal Who data.
      WHO C   : Load CONFIG, ready to Edit Long Who Data.
               This version also allows for ALL Versions to be Created.

    You can type as much of the word CONFIG as you wish, but only the first
letter will be looked at, so the following would also load the CONFIG:

    W CONFIG
    WH CON
    WHO C

    Also, when using the "
              Long
              " Who version, there are
four more arguments that can be used to SKIP the WHO Listing and immediately
enter one of the Long Who prompt commands. Again, you may type as MUCH of
the keyword as you wish, but only the first letter is required:

    WHO B   (or WHO BANNERS, etc.) to edit/pick a Short Who Banner!
    WHO G   (or WHO GLIMPSE, etc.) to edit their Glimpse File!
    WHO H   (or WHO HISTORY, etc.) to edit their History File!
    WHO V   (or WHO VIEW, etc.)   to edit their History File also!

    In addition, these NEW arguments have been added into v2.1c. Two are for
Conference Controllers ONLY, and the other two are for ALL users:

    Conference Controllers ONLY:
   ===============================

    WHO I   (or WHO IDLES, etc.)   to ReLoad your Idle Who Banners!

    WHO E   (or WHO EDIT, etc.)   to Modify your Idle Who Banners!

        – The editor is entered, giving you 102 lines. This is to allow for
          100 lines of regular ports, 1 line for a default banner, and 1
          line for the Total Banners on file.

    Available to ALL Your Users:
   ===============================

    WHO P   (or WHO PORT, etc.)   to display CURRENT PORT's Idle Banner.

        – This comes in handy when a user wishes to know which phone number
          they happened to call in on, etc.

    WHO Q   (or WHO QUICK, etc.)   to QUICK display the "Long" output.

        – "Quick" display will suppress the printing of Glimpses, lines of
          separator characters BETWEEN each port, as well as any HELP MENUS
          that may need to be printed, and finally the options prompt. What
          is RETAINED is the Last Call Date, User Gender, History Flag and
          Total Time Online Today, which is NOT shown in the "Normal" file.

    Lastly, all WHO's should be able to be aborted by pressing ANY key while
they are displaying, without having to wait for the ENTIRE listing to be
shown.

1.8   How to INSTALL CNet Amiga WHO into your system...

```
How Do I Install It?
~~~~~~~~~~~~~~~~~~~~~
1: Copy the "Who/" directory somewhere on your system, preferably somewhere
   in your DOORS: assigned area. It doesn't matter WHERE you copy this Who/
   directory, however make sure you leave ALL FILES TOGETHER inside of this
   directory. Remember the path you placed this directory, and use it when
   you see the <path> designations below.

2: Load your BBSMENU text file, found in the CNET: path, into any text
   editor and make the following changes:

        A: Locate Menu # 2, Available Everywhere Menu, and find the entry
           line containing the text "WHo" and place a "2" in FRONT of this
           text, so that the text now reads "2WHo" (minus the quotes).

        B: At the BOTTOM of this Menu, add the following three lines:

                WHO     '1- | {#0<path>Who/Long}
                WHo     '1- | {#0<path>Who/Normal}
                Who     '1- | {#0<path>Who/Short}
                            |
                            '---> A Control-Q character.

          NOTE1: The CAPITALIZATION of the word "WHO" is VERY important in
                 these three lines. The W, H, and O should ALL be UPPERCASE
                 in the FIRST line, while only the W and H in the SECOND
                 line, and ONLY the W in the THIRD line.

          NOTE2: Change the <path> above to the one you used in Step # 1.

        C: Since CNet's built-in WHO command looks almost IDENTICAL to MY
           "Normal WHo" version, I choose to use CNet's version instead of
           mine. I do this, mainly for speeds sake. To make YOUR System use
           CNet's WHO for the SECOND version, change the SECOND line above,
           so that it reads like this:

                WHo     '1- | {& 2WHo}
                            |
                            '---> A Control-Q character.

          NOTE1: The "2WHo" text, inside the {& } command, should appear
                 the EXACT same as it appears in the BBSMENU file, as you
                 changed it in step "A" above. That is, only the "W" and
                 "H" should be capitalized.

          NOTE2: I use a "2" in front of the internal WHo command, instead
                 of one of those oddball looking ALT-Graphic characters,
                 because remote users can NOT produce these characters in
                 their terminal programs, so would be UNABLE to invoke the
                 "old" usage of this(or any other) "set aside" commands.

        D: As of v2.64 of CNet Who, you can now additionally create numerous
           OTHER commands by specifying an argument in the BBSMENU line,
           using the LONG module, as these examples illustrate:
```

```
                    WQ, Who Quick   '1- | {#0<path>Who/Long Q}
                    WB, Who Banners '1- | {#0<path>Who/Long B}
                    WP, Which Phone '1- | {#0<path>Who/Long P}
                    WG, Who Glimpse '1- | {#0<path>Who/Long G}
                    WH, Who History '1- | {#0<path>Who/Long H}
                                       |
                                       '--> Control-Q characters.
```

3: Locate the "Write" command in the following Menus:

```
        4; The new Message/File Area menu
        5; Respond or Pass?
        17; Mail
        20; Browse
```

   You must change the TEXT of this command, so that it reads:

```
        WRite        instead of      Write
         |
         '---> Make this "R" UPPERCASE.
```

   This is a needed change, because unless you make this change, the WRITE
   command will NOT function in these areas if the user types "W" to change
   the description of a file, or enter the editor with the current mail
   message(They'll be shown the SHORT WHO instead!)

4: You will also want to update the following HELP files, which can be
   found inside your "SysText:Help/" directory to reflect the change you
   made in Step # 3:

```
        mail  - Goes with Menu # 4 & 5
        post  - Goes with Menu # 17 & 20
```

   I checked the "browse" help file, but noticed the WRITE command was not
   included in that file, so no changes are needed to that file. To make
   the change, the line in question starts with:

```
        \c7W\c6rite ...etc.
```

   Change it, so it looks like this:

```
        \c7WR\c6ite ...etc.
        |     |
        '----'---> Remember, these are Control-Y characters!
```

5: Load your BBSTEXT file into a text editor, then go to line 62 of that
   file. It looks like this(in a stock 4.23 bbstext):

```
        \n1@ Cleared for logon\n1
        |                     |
        '---- Control-Y's ----'
```

   To the end of this line, add the following:

```
        {#0<path>Who/Loader}
        ^
```

```
        Control-Q
```

This will insure that the IdlePort Banners are loaded, as well as
updating the user's multiple who banners(if allowed).

6: Edit the "IdlePorts" text file, included inside the "Who/" directory to
contain the Idle Banners you wish to use. The format of the file is
fairly loose:

```
    Line 1: Should contain a number, followed by at LEAST one SPACE,
            then any other text you wish. This NUMBER is the total
            number of lines BELOW that will be read into the computer
            the FIRST time someone logs onto the bbs AFTER this mod
            has been installed.

  Line 2-?: a|b
            ||'--> Idle Banner Text.
            |'---> Pipe (Vertical Bar) [To Right of Equals Sign]
            '----> The Port Number.

            eg: 1|Line # 1, SupraFAX 28.8 (716)/823-9892

        NOTE1: The port numbers do NOT have to come in ORDER in the
               file. Use whichever order best suits your need!

        NOTE2: Starting the line with a "D" (minus the quotes), instead
               of a Port Number will define the DEFAULT Idle Banner to
               use for any ports that may be loaded, but that do NOT
               contain a premade Idle Banner.
```

7: That's it! You're Done! You can RELOAD your BBSMENU and BBSTEXT files by
using the RAMIGA-T key combination(while CNet's Control Panel is active)!

1.9   The Command Menu included in the LONG who module...

```
        What's This LONG WHO Command Menu?
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```
   Well, let's look at the command menu that appears BELOW the Long WHO's
listing:

```
        Long Who [B]anner, [G]limpse, [V]iew History, or [QUIT]:
```

   From the above command menu, four commands are possible:


```
        BANNER

        GLIMPSE

        VIEW HISTORY

        QUIT
```

1.10   Using the [B]anner option in LONG who...

                    "[B]anner"

  – Allows the user to, then and there, edit the contents of their current
    short CNet WHO Banner. (The same one available for editing via EP;14).
    Their existing WHO Banner is displayed for the user as the default, so
    they can make either small changes, or simply delete the whole thing
    and start it over again.

  – The user is also allowed to enter MCI-Color Codes into their short
    WHO Banner, using Control-Y type MCI codes.

          – NOTE: See the info below dealing with TOGGLE settings for more
                  info on how you wish MCI's supported in the Who Banners.

  – They can also use the following SPECIAL Key-Strokes for editing:

          – CONTROL-X : Deletes EVERYTHING in the string gadget.
          – CONTROL-B : Move Cursor to the Beginning of the string.
          – CONTROL-N : Move Cursor to the eNd of the string.
          – BACKSPACE : Delete character to LEFT of cursor, then move the
                        cursor INTO that position.
          – DELETE   : Will PULL text to the RIGHT of the cursor INTO the
                        cursor, deleting characters as it goes.

  – For v2.0, this section received a bit more power, because NOW when the
    user presses "B", they are taken to a NEW screen that allows them to
    create MULTIPLE Short WHO Banners, up to TEN in all. They may choose
    to EDIT any of them, using the techniques above, and can even swap the
    "Current" Banner their using, in which case the NEW Banner would also
    be permanently written to their user account(thus editable via EP;14).

  – You may disable this feature through the
                CONFIG
                 file.

  – The user's Short Who Banners are stored in a file called "_Banners",
    which is stored in the user's uucp mail directory inside the cnet
    "mail:users/" directory.

  – For v2.1, the Loader was modified to perform a "Pick Banner" operation
    whenever the user signs onto your board, PROVIDED a "Banners" file is
    found for that user. This way, if they are using multiple different
    banners, each call will activate a NEW banner for them, without the
    user having to do it manually via "WHO B;P".

1.11   Using the [G]limpse option in LONG who...

"[G]limpse"

  – The "Glimpse" files are three 78-character lines, EXCLUDING the Short
    WHO Banner, that the user may create listing more info they want other
    users to know about. These "Glimpse"'s are shown on the LONG version

who screen only.

- The user is given the FULL POWER of the CNet Amiga Text Editor to enter
  whatever they wish for their 3-Line "Glimpse" file. Use of ANY MCI's
  the user has access to is fully supported.

- If a user wishes to DELETE a "Glimpse" file, they should first enter
  the editor with it, then DELETE it from the editor, using the .N
  command, then SAVE the EMPTY editor. They will THEN be given a prompt
  asking if they wish to DELETE the "Glimpse" file on disk.

- The Glimpse file is stored as "_Glimpse" in the user's uucp directory,
  in the same way the banners are.

- If a user does not have a "_Glimpse" file created in their uucp mail
  directory, then the default glimpse file will be displayed when the
  LONG who version is used, however this default file is NOT stored in
  the user's uucp directory, but exists as "<path>Who/_Glimpse".

1.12   Using the [V]iew History option in LONG who...

"[V]iew History"

- You'll be given another command prompt when this command is used:

        [E]dit, [V]iew by Port, or [S]pecific Histories? [QUIT]:

- If you choose to "[E]dit" your History file, any existing History will
  be loaded into the CNet Editor, and you'll be given 20-Lines to enter
  anything you'd like. The same editor features as the "Glimpses" are
  allowed for use with "History" files.

- If a user wishes to DELETE a "History" file, they should first enter
  the editor with it, then DELETE it from the editor, using the .N
  command, then SAVE the EMPTY editor. They will THEN be given a prompt
  asking if they wish to DELETE the "History" file on disk.

- Pressing "[V]iew by Port" allows the user to view the History of a
  user signed onto another port. Checks are made to insure their IS a
  user on that port, and that the port is LOADED.

- If you choose "[S]pecific Histories", you'll be asked to enter either
  the ID Number, Handle, or Real Name of the user to view the History of.
  If an incomplete Real Name or Handle is entered, you'll be shown the
  User List menu, and can then choose the proper name off the menu. It is
  possible to view your OWN History file by supplying your OWN info here.

- Pressing ENTER/RETURN, or pressing "[Q]uit" will take you back to the
  initial command prompt.

- The History file is stored as "_History" in the user's uucp directory,
  in the same way the banners are.

- If a user does not have a "_History" file created in their uucp mail
  directory, then the default history file will be displayed when the

LONG who version is used, however this default file is NOT stored in
the user's uucp directory, but exists as "<path>Who/_History".

1.13   Using the [QUIT] option in LONG who...

"[QUIT]"

  – Pressing ENTER/RETURN, or pressing "[Q]uit" will exit the Long Who,
    and return you to the CNet Command Prompt that called WHO.

1.14   Using the CNet Amiga Who CONFIG module...

                     How do I use the CONFIG File?
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
     One of the NEW features of v2.0 is the addition of an ANSI-ARexx style
CONFIG program, written to mimic the VDE-type editors you may have seen and
used with CNet before.

     You should enter the CONFIG program thru one of the WHO programs. Which
WHO program you use to launch the CONFIG will have a bearing on which data
items you will be able to edit on the various screens within the editor. For
instance, things like Who Banners, Idle Port Banners, Glimpse Files, etc are
not used in the SHORT form WHO program, so will appear as ghosted(black) on
the CONFIG screen, and will not editable.

     As mentioned above, use one of the following three commands to load the
CONFIG:
               W C   : Enter CONFIG to edit Short Who data.
               WH C   : Enter CONFIG to edit Normal Who data.
               WHO C   : Enter CONFIG to edit Long Who data.

     You can also add the CONFIG file into your DOORS area as an Exclusive
Use Only ARexx Pfile. You must specify an argument of W, WH, or WHO, so that
the CONFIG will know WHICH WHO you wish to edit. Specify WHO if you wish to
edit ALL of them at the same time. If the argument is NOT specified, the
CONFIG file will exit, shortly after loading.

         NOTE: SysOps running a 4.xx version of CNet may have noticed that
               when adding an ARexx Door, the "Arguments" field is not given
               on the VDE screen, however you CAN give arguments. You simply
               include a SPACE after the <path>Who/Config line, THEN include
               your W, WH, or WHO argument text.

     Alright, you know HOW to load the CONFIG, now here's some info pertaining
to certain things within the CONFIG that may need additional clarification:

               Text String Gadgets

               'BG' Background Colors

               'FG' Foreground Colors

```
                    Use of 'BG' and 'FG'

                    Use ??? BBS Color Schemes

                    Saving Changes Made?

                    ReLoad 'IdlePorts'

                    CREATE ??? WHO Modules
                    Info On Toggle Switches:


                    Show Idle Minutes

                    Clear Screen Before

                    Show Idle Banners

                    Use Empty Port Block

                    Multiple Banners

                    Port to Skip FROM

                    Skip Idle Ports

                    Port to Skip TO

                    Skip Hidden Ports

                    Print IdleTime Days

                    Allow Banner MCI's

                    Min./Max. Fake Idle Mins.

                    Allow SysOp  MCI's

                    Manual Toggle Setting
```

1.15   Using text gadgets effectively...

```
Text String Gadgets:
~~~~~~~~~~~~~~~~~~~~~
    All text string gadgets may use the following SPECIAL key-strokes to aid
in the entering/editing of text:

    CONTROL-X : Erase Everything.
    CONTROL-B : Move to Beginning of Text.
    CONTROL-N : Move to End of Text.
    BACKSPACE : Delete Character to LEFT of Cursor.
       DELETE : Pull Character to RIGHT of Cursor INTO the Cursor.

    In addition, each string gadget is formatted for the MAXIMIMUM allowed
```

length that can be used in the Layout.

1.16   Choosing Background Colors.

```
"BG"
 ~~
```
    Means a BackGround Color, and can be any of the following characters,
which correspond to the equivalent MCI-Z Color Codes:

            0, 1, 2, 3, 4, 5, 6, and 7.

1.17   Choosing Foreground Colors

```
"FG"
 ~~
```
    Means a ForeGround Color, and can be any of the following characters,
which correspond to the equivalent MCI-C Color Codes:

            0, 1, 2, 3, 4, 5, 6, 7, 8, 9, a, b, c, d, e, and f.

1.18   Using the BG and FG gadgets effectively

```
Use of BG and FG:
~~~~~~~~~~~~~~~~~~
```
    These fields use 1 character string gadgets. After pressing ENTER, you
can do one of two things:

    1: Type a NEW value, which will then REPLACE the old value. Press ENTER
       to confirm your choice, or use the BACKSPACE key to delete and try
       again.

    2: Press ENTER again, in which case the NEXT value in sequence will be
       used, so if the value WAS "a", it would become a "b". If the value
       was "f", it would turn over and become a "0". A "3" would become a
       "4", etc.

1.19   Loading pre-defined color schemes.

```
Use CNet "Stock" BBS
Use "Frontiers"  BBS
~~~~~~~~~~~~~~~~~~~~~
```
    These two items allow you to select two built-in default settings. The
"Stock" version is a rather plain looking color combination, while "Frontiers"
is the familiar blue scenario that previous versions have used.

1.20   Using the SAVE feature

```
Saving Changes Made?
~~~~~~~~~~~~~~~~~~~~~
```
     The CONFIG uses a "Smart Save" feature, just like CNet's VDE Editors, so
if all you do is load the CONFIG and LOOK at some values, when you select
the "<< Exit" option, you will immediately exit the file, but if changes
have been made, you'll get another screen asking if you'd like to SAVE the
changes you've made.

1.21   Reloading the `IdlePorts' file

```
ReLoad "IdlePorts"
~~~~~~~~~~~~~~~~~~~
```
     If you've made changes to the "IdlePorts" text file, you'll need to
ReLoad them into memory, so that the NORMAL and LONG Who versions will
reflect these changes.

     After selecting this option, a second or two will go by, then the screen
should flash and you may hear a beep sound, which alerts you the process has
completed.

     NOTE: Remember, as of v2.1c, you can now use "WHO I" to ReLoad the Idle
           Port Banners as well.

1.22   Using `MakeWho' to create custom modules

```
CREATE SHORT WHO
CREATE NORMAL WHO
CREATE LONG WHO
CREATE ALL WHO FILES
~~~~~~~~~~~~~~~~~~~~~
```
     Simply SAVING your changes is NOT all you have to do in order to BIND
the changes you've done. When you're satisfied with the color/text choices
you've made(use Show Example LayOuts), then you are ready to CREATE the WHO
file.

     You have the option of creating a unique look for EACH of your WHO's, or
you can use the "ALL WHO FILES" (only available in the LONG Who CONFIG) to
use the Long Who settings to create ALL THREE versions.

     The CONFIG file actually GENERATES CUSTOM AREXX CODE containing the data
you entered in the CONFIG program. This way, the WHO files execute a LOT
faster than they would if they had to constantly read in a config file, set
up a bunch of variables, then slap the variables into place.

     It also allows you to easily be able to EDIT any of the WHO files, if
you find there are some small changes you'd like to make in ADDITION to
those made by the CONFIG, however you need to follow this warning:

```
***WARNING***
=============
```

Treat the "Short", "Normal", and "Long" text files the same way you would treat the BBSTEXT file, in that you should NOT alter the ORDER of the lines within each of these files.

The "MakeWho" program is written to read in all the lines from each of these files, then REPLACE certain lines with those containing your CUSTOM values. ALTERING THE ORDER OR SEQUENCE of any of these files will result in CATASTROPHIC EVENTS! The "MakeWho" program may NOT be loaded externally by you through the Doors section. The CONFIG program MUST be the one that is used to call this file. (In other words, LEAVE THIS FILE ALONE!)

Also, UNLIKE the BBSTEXT file, you should NOT alter the CONTENTS of any of the lines IF you think you'll be using the MAKEWHO program again, as any changes you make to the actual code MAY not be recreated by the MAKEWHO file, if the changed line contains an MCI-Color Code. If you note a problem in one of the lines, please alert me of the fact, so that I can take the proper steps to edit the MAKEWHO file to also correct the problem when you generate a NEW who format.

After selecting this option, a few seconds will go by, then the screen should flash and you may hear a beep sound, which alerts you the process has completed.

1.23 The `Show Idle Minutes' toggle

```
Show Idle Minutes
~~~~~~~~~~~~~~~~~
    Yes : Displays "Idle 2h 10m 7s" in the WHERE Column.
    No  : Displays "Idle"           in the WHERE Column.

    NOTE: In v2.64, the format of this string changed to show the hours,
          minutes, and seconds of Idle Time present. Using another new
          toggle value below, you can also display DAYS of idle time.
```


1.24 The `Show Idle Banners' toggle

```
Show Idle Banners
~~~~~~~~~~~~~~~~~~
    Yes : Displays "IdlePortB?" line, if it exists.
    No  : Displays "<no one>      0"  CNet's Default.
```


1.25 The `Multiple Banners' toggle

```
Multiple Banners
~~~~~~~~~~~~~~~~~
    Yes : Allow User to Use/Edit Multiple Short Who Banners.
    No  : Disable this feature. User will have to resort to EP;14.
```

1.26   The `Skip Idle Ports' toggle

```
Skip Idle Ports
~~~~~~~~~~~~~~~
    Yes : Will NOT print Port Info if it's an Idle(Empty) Port.
    No  : Display Idle Port Info.
```

1.27   The `Skip Hidden Ports' toggle

```
Skip Hidden Ports
~~~~~~~~~~~~~~~~~
    Yes : Will NOT print Port Info if User On that Port is HIDING.
    No  : Will display this port as "appearing to be Idle".

    NOTE: When set to "No", CNet WHO uses an interesting trick to show
          the number of minutes the port has been idle. The value used
          here is actually the total number of minutes the CURRENT user
          has been online(added to a FAKE Idle Time; discussed below).
```

1.28   The `Allow Banner MCI's' toggle

```
Allow Banner MCI's
~~~~~~~~~~~~~~~~~~~
    Yes : Allow the user to use MCI commands while creating Who Banners.
    No  : Do NOT allow MCI's to be input into the Who Banners.

    NOTE: If this option is set to YES, but the user does not have the
          ACCESS to use MCI's, then any MCI's entered by the user will
          be automatically STRIPPED from the string. Also, if the user
          has MCI-1 Access, but NOT MCI-2 Access, the MCI-2 Level MCI
          codes will be STRIPPED if found.
```

1.29   The `Allow SysOp MCI's' toggle

```
Allow SysOp  MCI's
~~~~~~~~~~~~~~~~~~~
    Yes : Allow System Operators to use SYSOP-ONLY MCI's in Banners.
    No  : SYSOP-ONLY MCI commands will be STRIPPED from Who Banners.

    NOTE: A "System Operator" is a user who has this priviledge flag
          set in their user accounts. Lines 4 and 5 in your BBSTEXT file
          determine which commands to deem SYSOP-ONLY(Line 4) and as
          Level 2 MCI's(Line 5). Any commands NOT FOUND on these two
          lines are available to users with Level 1 MCI Access. These
          two lines are automatically read into the CONFIG program each
          time it is used, so as to insure the proper stripping is done.
```

1.30 The `Clear Screen Before' toggle

```
Clear Screen Before
~~~~~~~~~~~~~~~~~~~
    Yes : The Screen is CLEARED BEFORE the WHO info is shown.
    No  : The Screen is NOT cleared before the info is shown.
```

1.31 The `Use Empty Port Block' toggle

```
Use Empty Port Block
~~~~~~~~~~~~~~~~~~~~~
    Yes : Use following values to SPEED up the printing.
    No  : Follow normal "1x1" iteration method.
```

1.32 The `Port to Skip FROM' gadget

```
Port to Skip FROM
~~~~~~~~~~~~~~~~~
    When this port value is reached in the loop, the loop will then
    IMMEDIATELY jump to the following value.
```

1.33 The `Port to Skip TO' gadget

```
Port to Skip TO
~~~~~~~~~~~~~~~
    The value to RESUME scanning for Port data. For instance, with these
    ports set up:  0, 1, 2, 3, 98, and 99, you'd want to specify a "3"
    in the FROM field, and "98" in the TO field, so that the who isn't
    having to scan: 4, 5, 6, 7, 8, 9, 10, etc. etc. etc. up to 98!
```

1.34 The `Print IdleTime Days' toggle

```
Print IdleTime Days
~~~~~~~~~~~~~~~~~~~
    Provided you have "Show Idle Minutes" enabled, specifying YES to
    this value returns an Idle Time in the format: ?d?h ?m ?s

    If set to NO, then the format used looks like: ?h ?m ?s
```

1.35 The `Min/Max Fake Idle Minutes' toggle

```
    Min. Fake Idle Mins.
    Max. Fake Idle Mins.
    ~~~~~~~~~~~~~~~~~~~~
        These values were included as a means of making HIDDEN USERS appear
        to be hidden MORE SO over previous versions. Because these WHO
        programs have the ability to specify how LONG a port has been IDLE,
        I needed a way to fake idle time on HIDDEN ports. Earlier versions
        had me just snagging the number of minutes the CURRENT user was
        ONLINE and using that value, however I discovered that if a user
        initially logs on, then immediately uses a WHO module, they'd see
        these HIDDEN ports as being Idle for 0-1 Minutes, which made it look
        like these ports logged OFF as soon as this user logged ON, so that's
        where these values come in. You specify a lower and upper limit to
        a range of values, to which one value is randomly selected and then
        ADDED TO the current user's time online. It's this SUM that is used
        for the IDLE TIME for HIDDEN PORTS.
```

1.36   If you wish to change the toggles WITHIN the command files

```
Manual Toggle Setting:
~~~~~~~~~~~~~~~~~~~~~~~
    It is also possible to MANUALLY set these toggles in each program by
editing the given line in each version:

                        Line
                       ======
               Short: 14
              Normal: 15
                Long: 24


    Use values of "1" to represent YES, and "0" to represent NO in these
variables, located on the above lines. If a version doesn't contain the
given variable, then that version doesn't use/support that feature.

                Variable    Toggle It Effects
                ========    ====================
                   v1       Show Idle Minutes
                   v2       Show Idle Banners
                   v3       Multiple Banners
                   v4       Skip Idle Ports
                   v5       Skip Hidden Ports
                   v6       Empty Port Block
                  loS       Port to Skip FROM
                  hiS       Port to Skip TO (Use hiSk in LONG)
                   v7       Clear Screen Before
                   v8       Allow MCI's in Who Banners?
                   v9       Allow SysOp's to use SysOp-MCI's?
                  v10       Show IdleTime Days


    Remember, ALL VARIABLES MUST RESIDE ON THE SAME LINE, as noted in the
table above. Do NOT place them on individual lines, unless you plan on NOT
using the CONFIG program to CREATE new layouts.
```

1.37   Wrap up info!

Is That It?
~~~~~~~~~~~
     So far as I can tell, YES! I believe I've covered all the bases. I still
have not been able to locate that ETA line used with File Transfers. I've
been able to deduce that the ETA value is calculated "on the fly" as it's
needed, which makes recreating this value a tough chore, as there are many
getusers involved in calculating this value, MOST of which are accessable
with known getusers, however the one key value I can't seem to locate is
how MANY KILOBYTES have ALREADY been DOWNLOADED(or UPLOADED). Without this
value, coming up with a "ball-park" ETA value is not obtainable.

     If you notice ANY, and I mean ANY problems with this version, PLEASE get
in touch with me, either on Frontiers, The Metal Shoppe, thru Fido-Net Mail
to "David Weeks@1:260/121", CLink-Net Mail to "David Weeks@911:6840/2.0",
or on the InterNet via "dotoran@bluemoon.net".

     There WILL be at least ONE more major release, but I can't put a date as
to when you'll be seeing it, as I've got to start on it again from scratch!

     Enjoy this work! I put some serious work into it!

                                                                     - Dotoran

In The Future?
~~~~~~~~~~~~~~
     CNet WHO, v3.0 will be a complete rewrite, from the ground up, so that I
can also include a custom DATA LAYOUT screen. What this means is you'll then
be able to "pick and choose" exactly WHICH info you wish to show in each of
your three WHO formats. Here's an ASCII shot of the screen layout I'm working
on right now. This is still pretty sketchy, but you'll get the idea:

---snip starts here---

                              Line 1
-A B -C----------------- -J-------------

<---10---><---20---><---30---><---40---><---50---><---60---><---70---><--78-->

Port Number   Minimum Width: 2   Maximum Width: 4   Centered: Yes
Width: 2   Text Bar: >P#<
ForeGround: 4 BackGround: 6 Reversed: No   Underlined: No   BoldFaced: No

  *[A]*Port Number   [M] Last Call Date   [Y] Country Text
   [B] Hide/Muffle Flag [N] Time Used Today   [Z] History Flag
   [C] User Handle   [O] Primary Underscore   [1] Calls By This User
   [D] User Real Name   [P] Secondary Underscore [2] Balance Owing
   [E] Logon Time   [Q] Total PFile Game Points [3] Short Who Banner
   [F] Logoff Time   [R] Access Group Number   [4] Glimpse File
   [G] CPS Rate   [S] Access Group Name   [5] User ID Number
   [H] Baud Rate   [T] Total Public Messages [6] User SID Number
   [I] City Text   [U] Total Uploaded Files [7] Total File Credits
   [J] Where Location   [V] Total Uploaded Bytes [8] Total Byte Credits
   [K] Gender Text   [W] Total Downloaded Files [9] State Text
   [L] Line Width   [X] Total Downloaded Bytes [0] First Name

---snip ends here---

    As you can see, I'm playing around with allowing you to pick from up to
36 different pieces of information. You can create WHO Layouts of up to 4
lines each, where each line can contain ANY info you wish, in ANY order you
wish, etc. I'm also playing around with the idea of attaching Access Group
restrictions onto each data item, so that the data will only be shown to the
user if their Access Group is high enough. If it's not, they'll just be shown
some dead space in place of the info, or maybe I'll mask out the info. Not
sure yet. I'm also playing around with the idea of creating custom TERMINAL
versions for each file, so you can have ASCII, ANSI, and IBM-ANSI versions
of the WHO files too.

    It's still in the planning stages right now, so if you have anything to
ADD to these initial ideas, PLEASE forward them directly to me for inclusion
into the next version!

                                                                  - Dotoran

1.38   How to contact Dotoran of Frontiers!

                    This great program was downloaded from:

```
  ____   __     ____              _  _____  _____    ____   __    __
 / ___) /_ \\     / __ \   /\    / ) (__  __) (__  __)  / ___)  /_ \   / __)
/ (    /(_) )  / / / / /  \  / /     / /      / /     / (__   /(_) ) / (
/ __)  / __ /  / / / / / /\ \/ /     / /      / /     / ___)  / __ / \  \
/ /    / / / ) / (_/ / / /  \ /     / /     __/ (_   / (__   / / / ) __) /
(_/    (_/ (_/ \____/ (_/    \/    (_/    (_____) (_____) (_/ (_/ (___/
                             __     __    ___
Running the Latest in       /_ \    /_ \   / __)   300 thru 28800 Baud!!
 CNet Amiga Software       /(_) )  /(_) ) / (       Many Great P-Files!
                          / _  /  / _  / / | \    Over 1 GIG Online & More!
  (716)/ 823 - 9892      / (_) ) / (_) ) __) /
  Buffalo, New York     (_____/ (_____/ (___/      Why Not Call Today?

 FidoNet> 1:260/121.0   CLink> 911:6840/2.0   InterNet> dotoran@bluemoon.net

          Your Humble SysOp: Dotoran (Pronounced "DA-Ter-In")
```


1.39   How/When to UPGRADE this work...

            ===

            Cnet Amiga Who, v2.71 by Dotoran of Frontiers BBS!
===
    If you're using this mod for the first time, please refer to the section
titled
                How to Install It
                 for instructions on installing and using this mod
on your bbs.

    If you're using v2.00 thru v2.65, and want to UPGRADE to v2.71, follow
these steps:

Copy the CONFIG, LOADER, MAKEWHO, SHORT, NORMAL, and LONG command files
OVER the existing ones in your system. These command files had changes made
to them which allows them to run on v4.26d+ (or v3.05c) CNet, but note that
these files will NOT, repeat NOT run on a version of CNet Amiga versions
between v4.00 and 4.26c, as these versions use getuser values NOT supported
by this version.

You MUST be using v2.66 or newer in order to upgrade to this version. If
using a version OLDER than 2.65, please grab a copy of 2.65 and upgrade to
that one FIRST, then upgrade to this one, else install this one from scratch.

You will need to run the included "Upgrade271" script from within Cnet to
convert your "Config.data" file over to the CTRL-S format I am now using, as
I'll no longer be coding using the CTRL-A's. It's an ARexx file, so you can
either add it as such, or else use one of the RUNA commands.

Do NOT copy the CONFIG.DATA, IDLEPORTS, _BANNERS, _GLIMPSE, or _HISTORY
files, unless you wish to overwrite any custom settings you may have made
to one or more of these in the past.

Lastly, replace the WHO_README and WHO_HISTORY files with the updated
versions found in this archive.

That's It! Enjoy!

                                                                        – Dotoran

1.40   How to enable/disable the `SuperUser` privilege flag...

How to Enable/Disable the 'SuperUser' Privilege Flag
~~~~~~
    When the 'SuperUser' flag was first introduced in CNet, v4.xx, it was
automatically ENABLED in every user's account.

    When fully implemented, this new flag will carry a similar function as
that of the 'System Operator' flag, except that this flag will determine
if a user will have 'root access' powers to the Internet applets which are
coming to CNet Amiga in the very near future. Things like being able to
finger ANYONE, being able to work with ANY file in ANY directory using the
FTP commands, being automatically given "op" status in the IRC client, etc.

    So, knowing this, chances are this is NOT a flag you'll want to give to
ALL of your users. Here's how you can DISABLE the new 'SuperUser' flag in
the user accounts on YOUR bbs's, using CNet's own EA VDE Editor:

1. Logon to your bbs, then type the following from the main command prompt:

        EA 1-   (So that you can edit ALL accounts)

2. You'll then be asked which access groups you wish the changes to be made
   to. Enter the range of groups you wish to DISABLE the flag in, perhaps:

        0-30   (So only Group 31's would HAVE the flag enabled)

3. You'll then be presented with the EA VDE screen, but will note that ALL

   the entries are ghosted(in black). Move to the second column and select
   the "Privilege flags   >>" option.

4. Once on the "Privileges" screen, go to the LAST item in the third column,
   "SuperUser   :", then press your ENTER key until you see the word "No"
   appear.

5. Move to the "Exit" option, press ENTER, then press ENTER while the "Save
   changes" option is highlighted.

6. That's It! Now just sit back and let CNet do the rest!

   How LONG the operation will take will depend on the number of accounts
you have, as well as your CPU type. (On my A=2000, with over 400 accounts,
it took close to a minute to complete the operation).

   Once complete, you'll notice an "S" following the Port Number in the WHO
displays(both MINE and in CNet's internal version). This "S" flag Supersedes
all other displays that could appear here.