cdxNetLaunch

COLLABORATORS			
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Contents

Chapter 1

cdxNetLaunch

1.1   cdxNetLaunch ©1996 Hans Bühler, Codex Design Software

```
                        ·C·O·D·E·X·  ·D·E·S·I·G·N·  ·S·O·F·T·W·A·R·E·
                    proudly presents:


                        cdxNetLaunch V1.0
           the automatic AmiTCP and Sana2.device control program

 I  strongly  recommend  to read the complete guide.  For people who do not
love  reading  guides,  a quick guide is been included.  However, please do
read the configuration chapter, too !!!!

 cdxNetLaunch isn't freeware, it is (in this version) ...
             cardware
              !!

                  cdxNetLaunch documentation:


           Introduction

           Installation

           Configuration

           Usage

           Preferences

           How to get rid of it

           QUICK GUIDE
                                    Additional software$^1$:


           The application manager

           The status program
                                AmiTCP/IP guide
```

                          Further information:

            Copyrights & disclaimer

            Thanks & regards

            Author
             ^{1}: These are planned and not available yet. Sorry, it's a ←
                 beta ... ;-)

Please read the documentation before you send any requests to the author.
Bugreports and ideas how to improve this program are always welcome.
cdxNetLaunch ©1996 by
            Hans Bühler
                 .

1.2 Some kind of an index

                                        GUIDE WALK:

 Pages:

            Main

            Copyrights & disclaimer

            Contact the author

            Tooltypes
                                        REQUESTERS/WINDOWS:

 Program:

            Main window (command window)

            New application window
            Preferences:

            Timer delays

            Hotkey to open/close main window

            Script I/O window
            Configuration:

            Main configuration window

            Select modem interface window

            Select serial device window

                                    AMITCP/IP:

 AmiTCP guide:

    Index
    About interfaces
    About startnet
    Copyrights

 Files:

    AmiTCP:bin/startnet
    AmiTCP:db/interfaces

1.3 Introduction

                          FOR WHAT DO I NEED cdxNetLaunch ?

 At first: You need
                 AmiTCP/IP V4.1
                  or higher and a
                 sana2.device
                  (network
device) to use this program.
 If you don't have these already installed, it won't make sense to talk any
further ;-), so go for these programs immediately.

 On the other hand, if you already know AmiTCP/IP, you surely know that
each time you want to play around with the internet, you have to start it
by executing the "startnet" script. Moreover, if you want to go offline,
you have to use the "offline" program etc.
 There are - of course - thousands of programs which will give you nice
buttons which will start these programs for you, but that is not enough !

 I think, that AmiTCP should start automatically if you are going to use
any program that needs it.   Additionally, I think that it isn't worth
paying the phone bill when a program doesn't really need your computer
being connected to another one. I think, that the program should go online
if it needs to do so and go offline afterwards when it has done its job.
 Unfortunately, AmiTCP/IP doesn't offer such features.

 Here is where cdxNetLaunch comes into effect.

 * It will automatically start/stop AmiTCP and go on-/offline for you !
 * No more "startnet" !
 * Go offline after transmission is been done !
 * Widely configurable to fit the strangest needs !!!!!!!

                 If you would like that, continue installing cdxNetLaunch !
                                        EXAMPLE:

 Well, it seems you didn't understood what I meant. Okay, here's an
example:

Imagine that you want to use "mftp" ©1995-96 Michael Neuweiler.

```
Normal procedure:                      with cdxNetLaunch:
                                       |
open CLI & type startnet or            | --
click on any button which will         |
execute "startnet".                    |
                                       |
AmiTCP is ready AND you're online      | --
although this isn't neccessary for     |
now !                                  |
                                       |
you start mftp                         | you start mftp
                                       | * AmiTCP will be loaded automatically.
                                       |   You won't go online.
                                       |
you start a transmission               | You start a transmission
                                       | * cdxNetLaunch goes online for you
                                       |   (if the remote it isn't a local host)
                                       |
your transmission is done              | your transmission is done.
* you're staying online                | * after a certain time (definable)
                                       |   cdxNetLaunch notes that there isn't
                                       |   any reason to stay online anymore
                                       |   and goes offline for you.
                                       |
your are hungry and go into the        | you are hungry and go into the
kitchen                                | kitchen
                                       |
you come back after 1 hour             | you come back after 2 hours
                                       |
you see that you're still online       | you see that you aren't online
and think of the phone bill...         | anymore.
                                       | * "all right", you think
                                       |
you start another transmission         | you start another transmission
                                       | * cdxNetLaunch goes online for you
                                       |
you end your transmission and          | you end your transmission and
terminate mftp                         | terminate mftp
* you're still online !                | * cdxNetLaunch goes offline and
                                       |   closes AmiTCP.
                                       |
You stop AmiTCP.                       | --
* You are offline.                     |
                                       |
```

All right ? Of course you can define every action cdxNetLaunch does for
you, you can disable parts of its functions and lots of stuff !

Okay, let's have a look at the
              Installation
               chapter !

1.4 Installation / Requirements

REQUIREMENTS:

 First of all, you have to install
                 AmiTCP/IP
                 . If you haven't done that,
yet, please do it now !
 It is very important that AmiTCP is correctly installed. Please even note
that configurating cdxNetLaunch expects you to know several details of your
configuration of AmiTCP and your sana2 device. Therefore please first
install AmiTCP and your sana2 device and then we can continue to talk~;^)

 Requirements:

 cdxNetLaunch needs Kickstart V37 (2.04) or higher to run.
 cdxNetLaunch needs the following Amiga libraries:
   – utility.library
   – asl.library
   – amigaguide.library
   – icon.library
   – commodity.library
 and these public domain libraries (included in the archive):
   –
                 gadtoolsbox.library
                    –
                 nofrag.library
                  they'll be installed automatically by using the installation ←
                     script !

 These will be used if found (included in the archive):
   –
                 reqtools.library
                                        INSTALLATION:

                    Use the installation script !

 It will install cdxNetLaunch to your system. Then, when you start it the
first time, it will automatically say that no configuration is been found
and will allow you to start the
                 configuration program
                 .

 You may even start cdxNetLauch after installation by command to do so.

 Please read the
                 configuration chapter
                  if you want to know something about
how to configurate cdxNetLaunch. You may also use the help buttons
provided on each (major) requester you might faced to.

1.5 How to configurate cdxNetLaunch

CONFIGURING cdxNetLaunch:

                    Please read this page even if you don't like
                                reading guides !

 Well, cdxNetLaunch of course needs some very special information about you
system: It needs to know which
                sana2.device
                 you use to go online and which
serial.device is used to contact the modem/network adapter.

 The configuration program will generate some
                scripts
                  that will be
executed in order to go on-/offline or to start/stop AmiTCP. These scripts
will be generated mainly from your startnet script.
 Therefore this requester will always appear if you changed your startnet
script.
 If you didn't changed your interface nor your serial.device, just click at
okay to let the configuration program copy your changes.

  All these things will be requested by the main configuration window:

            +-+--+--+
            |·| cdxNetLaunch: Configuration | |
            +-+--+--+
            | |
            | Your modem configuration: |
            | |
            | Modem interface: [...............] [|
              Change
              ] |
            | Serial device: [.............][.] [|
              Change
              ] |
            | AmiTCP/IP DOS-device: [...........] |
[Okay] [Undo] [Help] [Cancel]
            +---+

Before you continue, please check the entries Modem interface and Serial
device. These fields are very important for cdxNetLaunch:

 Modem interface:
            Here you should read the name of your modem interface. This
            is the interface which describes your
             sana2.device
               to
            AmiTCP/IP, such as the ppp.device or the rcslip.device.
            This device is meant to control your modem, e.g. it
            establishes a connection to your service provider.
            cdxNetLaunch will enter here the interface it found in your
            startnet script, but you have to change this if your
            startnet script doesn't go online automatically. If it does

```
                        so, you can leave the entry as it is.
                        To  change  this  value,  click at the
                         change
                          button to the
                        right hand side !
  Serial device:
                        This  field  says  which  serial.device your sana2.device is
                        using  to  access  your  modem.   The difference is that the
                        sana2.device  is  the  software  used  to  talk  to  another
                        computer and the serial.device is the interface dealing with
                        your hardware itself.
                        Please  check  the  name  and  the unit.  In most cases, the
                        default "DEVS:serial.device" with unit 0 will work until you
                        have  a  better  serial.device  or  a  multiserial card etc.
                        You'd know about such things then, I guess.
                        To  change  this  value,  click at the
                         change
                          button to the
                        right hand side !
```

The   field   AmiTCP/IP   DOS-device   just   says   which   DOS   assign   you've
configurated   for AmiTCP.   Since cdxNetLaunch finds that out by itself, you
may just be happy that it is correct or contact the
                   author
                    if not...;-)

 Undo: Restore your old values (if some).

 Help: This page

 Okay: Accept the new values.
                Please note that the configuration utility will verify your
                data (this is neccessary, if you'd changed your AmiTCP
                configuration and cdxNetLaunch needs to be re-configurated).
                Therefore, some errors might occur.   I hope stuff will
                explain itself, then.

 Cancel: Cancel, if possible ;-)

 CLOSE GADGET: Same as Cancel.
                If cancel isn't available (because cdxNetLaunch doesn't have
                a proper configuration), you can select this to abort the
                configuration process (the cancel gadget would be disabled,
                then).
                However, if you close the window and cancelling isn't
                available you abort cdxNetLaunch !

1.6 Select you modem interface...

                                    SELECTING A MODEM INTERFACE (sana2.device):

 Using this requester you can select the
                   sana2.device
                    interface (see
appropiate chapters in the AmiTCP/IP documentation) which you are using to
```

control your modem.
 The list  will  automatically  be generated from the AmiTCP:db/interfaces
list of AmiTCP.

```
            +-+---------------------------------------+--+
            | | cdxNetLaunch: Modem interface ...     | |
            +-+---------------------------------------+--+
            |                                            |
            | Select you modem interface (sana2.device) |
            |                                            |
            |                 Interfaces:                |
            |  +--------------------------------------+-+ |
            |  |                                    |#| |
            |  |  List of interfaces...             |#| |
            |  |                                    |#| |
            |  |                                    | | |
            |  |                                    | | |
            |  |                                    | | |
            |  |                                    +-+ |
            |  |                                    |^| |
            |  |                                    +-+ |
            |  |                                    |v| |
            |  +--------------------------------------+-+ |
            |                                            |
            |   Device: [.....................] Unit: [...]   |
            |                                            |
            | ---------------------------------------------- |
            |                                            |
            |  [  Okay  ] [  Undo  ] [  Help  ] [ Cancel ]  |
            |                                            |
            +--------------------------------------------+
```

  Interfaces:
            Please select the interface to your modem from this list.
            Double-Click to select & leave requester.
            The Device information will tell you which software device
            and which Unit of this the interface corresponds to.
            NOTE: This list will automatically be updated if you change
            your   AmiTCP:db/interfaces file while the configuration
            program is running.
            This means that you might add interfaces to the interface
            file in order to make them available to cdxNetLaunch...

  Okay: Accept the new values.

  Undo: Restore your old values (if some).

  Help: This page

  Cancel: Cancel ;-)

  CLOSE GADGET: Same as Cancel.

1.7   Select your serial.device...

SELECTING A SERIAL.DEVICE AND UNIT:

 Use the following requester to select your serial.device which controls
your modem hardware.
 Please note that the full path of the serial.device is required for
cdxNetLaunch !
 You may not need this requester if you are using a standard Amiga
configuration.

 These information is mainly used to determine whether you are online.
 You may disable this feature by using the
    Preferences/Configuration/No online checks
 menu entry from the
              main window
                .

```
        +-+-------------------------------------+--+
        | | cdxNetLaunch: Modem serial device   |  |
        +-+-------------------------------------+--+
        |                                          |
        | Your configuration:                      |
        |                                          |
        |  Serial device: [DEVS:serial.device....] [Get]  |
        |           Unit: [0..]                 [Default]  |
        |                                          |
        | --------------------------------------------- |
        |                                          |
        |   [  Okay  ] [  Undo  ] [  Help  ] [ Cancel ]   |
        |                                          |
        +----------------------------------------+
```

 Serial device:
            The path and filename of your serial.device.
            Use the get button to open a file-requester.
 Unit:
            Unit of serial.device to check.
 Default:
            Sets serial device to "DEVS:serial.device" and unit to 0.

 Okay: Accept the new values.

 Undo: Restore your old values (if some).

 Help: This page

 Cancel: Cancel ;-)

 CLOSE GADGET: Same as Cancel.

1.8   The scripts used by cdxNetLaunch

SOME SCRIPTS TO WORK:

cdxNetLaunch will generate its own scripts to take appropiate actions.
These scripts will be saved to PREFSDIR:scripts/#?.bat where PREFSDIR is
the preferences directory of cdxNetLaunch defined in its tooltypes.

These scripts will be needed (and generated by the configuration program):

startnet.bat like AmiTCP:bin/startnet, but will not go online (that means
              it won't bootpconfig your modem interface).
stopnet.bat   simply executes AmiTCP:bin/stopnet to stop AmiTCP.
              Will even go offline for you.
online.bat   bootpconfigurates your modem interface, i.e. it will tell
              AmiTCP that this interface is now ready to work.
offline.bat   goes offline for you.

When these scripts are executed, a the i/o stream you defined will be
opened and the script output will be written there. If you notice that
anything wents wrong at all, enter the I/O stream
   CON:0/0/400/100/title/AUTO/WAIT
                                ^^^ this will say that the window won't
                                    be closed until you clicked the close-
                                    gadget.
                                    Therefore you may read what went wrong.

Please note that the line
Path SYS:RexxC SYS:System SYS:Utilities SYS:Commodities AmiTCP: AmiTCP:bin ADD
will be
added to the scripts by default. If your pathes to AmiTCP: or ARexx are
different, please edit this by modifying the
              INITCMD tooltype
              .

1.9 How to use cdxNetLaunch command/new application window

                              INSTRUCTIONS OF USE:

cdxNetLaunch V1.0 has two important requesters which may appear. Here is
the guide how to use them:

The first one is the
              command
               window. You can open it using the hotkey you
defined in the tooltypes of cdxNetLaunch. This window allows you to
directly command cdxNetLaunch to start/stop AmiTCP or to go off-/online.
Additionally, you can use it to change whether you want to quit AmiTCP if
it is possible or whether you want to go offline if cdxNetLaunch finds out
that you could.
Moreover, you can modify the preferences settings of cdxNetLaunch by using
the Preferences menu.

The
              new application
               window on the other hand appears when cdxNetLaunch
finds a new application program that wants to use AmiTCP/IP. Using it you
can define what kind of program that it and what you want to do if this

program closes its line (whether you automatically want to go offline or
not).

                         Using the command window

                         Using the new application window

                         The preferences requesters
                                                      HOW TO QUIT:

 Open the
                 command
                  window and select Quit from the project menu.
 Or start Exchange and remove cdxNetLaunch.

1.10   Using the command window

                                         THE COMMAND WINDOW:

 You can open this command window pressing the CX_HOTKEY defined in the
tooltypes of cdxNetLaunch. You may even use the Exchange program to "open
interface".
 It will look like:


```
              +-+------------------------+--+--+
              | | cdxNetLaunch           |  |  |
              +-+------------------------+--+--+
              |                                |
              |   [Start AmiTCP]  [Stop AmiTCP ] |
              |                                |
              | [   Online   ] [  Offline   ] |
              |                                |
              +--------------------------------+
```

                         Gadgets:

 Start AmiTCP: This button will cause to start AmiTCP.

 Stop AmiTCP: This button might be used to stop AmiTCP.
               This is only possible if no more applications are using
               AmiTCP/IP.

 Online: Use it to go online.
               This is of course only possible if AmiTCP/IP is been started
               before.

 Offline: Click here to go offline.
               Possible only if AmiTCP/IP is active, you are online and no
               more applications need your machine to be online.

 CLOSE GADGET: Will "Hide" the window, i.e. it will close the window but
               not terminate cdxNetLaunch.

         Additionally, some menus are available in this window:

                          The project menu:

Documentation...:
                Loads this guide.
                If cdxNetLaunch isn't able to find this file, it opens a
                requester which you should use to locate it.

About...:   Just guess ;^)

Hide: Will close the window; cdxNetLaunch will keep running.

Quit...:   Attempt to quit cdxNetLaunch.
                There are several reasons why this could fail; the program
                will inform you about that.

                          The preferences menu:

Automatic operations:

                 Adjust time delays...:
                               Opens a requester which allows you to modify ←
                                    the time
                delays.   cdxNetLaunch will wait a certain time before it
                stops AmiTCP or goes offline.
        Never close AmiTCP/IP:
                If checked, cdxNetLaunch will never automatically stop
                AmiTCP. That is useful if you are using a network basing on
                AmiTCP/IP.
        Never go offline:
                If   checked,   cdxNetLaunch will never automatically go
                offline. You may want to use this option if you are testing
                new software or stuff.

IO window(s):

                 Define command IO...:
                               Opens a requester which allows you to modify ←
                                    the output
                window for the commands cdxNetLaunch executes for you
                (startnet, stopnet, online, offline).
        Reports...:
                Opens/closes the report window.
                This won't be part of the final version.

Commodity settings:

                 Define hotkey...:
                               Opens a requester which allows you to change the ←
                                    hotkey used
                to open the command window of cdxNetLaunch (CX_HOTKEY).
        Start with window:
                If checked, cdxNetLaunch will open the command window when
                it starts up (CX_POPUP).

```
       Disabled:
               If  checked,  cdxNetLaunch won't have a look for any further
               applications  that you're running.
                Note  that I  recommend  to  never use this option since it
                could bring much trouble to cdxNetLaunch !
               Might be invoked by Exchange/Disable, too.

 Configuration:


                Configuration...:
                           Runs the configuration program of cdxNetLaunch.
               This   requester   will   even   appear  if  you  modify  your
               AmiTCP:bin/startnet script.
        No online checks:
               This  buttons says cdxNetLaunch not to check whether you are
               online.
               This   might  be  neccessary  if  cdxNetLaunch  shows you are
               online  but you are obviously not (try re-configurating your
               serial.device, first !):  You are not online but the command
               window rejects to go online (gadget disabled).
        Supervise startnet:
               Says   that  cdxNetLaunch  should  not automatically open the
               configuration window if you modified you AmiTCP:bin/startnet
               script.  In general, you'd modify this script to change your
               AmiTCP  configuration.  Since  it  is  very  important  for
               cdxNetLaunch  to  be  installed  correctly, you should leave
               that on.
        No date checks:
               Normally,   cdxNetLaunch  compares   the   date   of   its
               configuration  and  of  the startnet script in order to find
               our  whether  you changed your AmiTCP configuration.  On the
               other  hand, some may not have a battery clock thus it won't
               be very useful here ;-)

 Save preferences:
               Save all changes.
```

1.11 The new application window

```
                                THE NEW APPLICATION WINDOW:
```

This window appears if a previously unknown application is attempting to
use AmiTCP/IP. This requester will allow you to define what kind of
application it is.

```
        +---------------------------------------------+--+
        | cdxNetLaunch: User message                  |  |
        +---------------------------------------------+--+
        |                                                |
        | Introduce new AmiTCP/IP application:           |
        |                                                |
        | --------------------------------------------   |
        |                                                |
        |  Name/ID: [name of new application        ]  |
```

```
|                                                   |
|  [x] Application              [x] TCP: device    |
|  [x] Go offline after connection is finished     |
|                                                   |
| ----------------------------------------------- |
|                                                   |
|               [Okay]   [Help]   [Skip]           |
|                                                   |
+-------------------------------------------------+
```

The most important checkbox is the Application checkbox. If you check
this, it means that the program described in the Name/ID box is not an
AmiTCP or sana2.device program.
  In this manner "is an AmiTCP or sana2 program" means that it is part of
AmiTCP or used to control the sana2 device. The "bootpconfig" program for
example is an AmiTCP program because it is needed to go online. On the
other hand, "ping" or "telnet" are not AmiTCP programs but applications
becuase they'll make use of AmiTCP and are not necessary to use AmiTCP.

                              Gadgets:

 Name/ID: This field is the (internal) name of the program that is new
                to cdxNetLaunch.

 Application: Checking that box means that the program is an application
                which is not neccessary for AmiTCP/IP or your sana2.device.
                Internally non-application programs are not supervised.
                I.e. the program described won't start/stop AmiTCP or force
                to go off-/online.
                Additionally, cdxNetLaunch expects that program to be
                unloaded when AmiTCP is been stopped.

 Go offline after connection is finished:
                [for applications only]
                Checking that box means that you want your modem to go
                offline if the program did its work and doesn't need your
                modem to stay online.
                Please note that programs like YAM or AWeb will not
                permanently use the AmiTCP stack or the line. That means
                that cdxNetLaunch can't find out whether it would be nice to
                go offline / stop AmiTCP if the program closes its AmiTCP
                access. Note that cdxNetLaunch won't go offline immediately
                but after a certain
                 time delay
                 .
                If you don't understand what I try to say,
                 see an example
                 .

 TCP: device: [for non-applications only]
                Do only check this button if the Name/ID field matches your
                TCP: device. Normally, you will define that device in the
                configuration but some might use another device which
                matches the TCP: device. I recommend to check this
                checkbox only if the window opens with that box is already
```

                    checked since cdxNetLaunch will in most cases itself find
                    out whether it is the TCP: device or not !

 Okay: Accepts the upper settings and saves them (recommended).

 Help: This page.

 Skip: You   may click at this button if you don't want to save any
                    settings for the new program. It will be assumed to be an
                    application, then.

 Please note that cdxNetLaunch will - in most cases - set the correct
values by itself.   If you are not sure about the type of the program,
please simply leave it as it is !

1.12   Example when to use 'Go offline after connection is finished

 Example 1: AWeb doesn't like this option

 Imagine you are using AWeb and you selected "Go offline after connection
is finished".
 You now start to download any web-page.

 AWeb spawns a second process which opens AmiTCP (=> cdxNetLaunch starts
AmiTCP) and then tries to establish a connection to the server (=>
cdxNetLaunch goes online).
 Now, if the page is downloaded, the AWeb sub-process closes the connection
to the server. cdxNetLaunch now thinks that AWeb has done its job and goes
offline and then stops AmiTCP (after the delays defined flew by).
 You see: If you now click on any link on the web-page, cdxNetLaunch will
again load AmiTCP, go online etc.
 In such a case it might be more comfortable if the line remains connected
and AmiTCP isn't needed to be loaded everytime you click at a link.
 Therefore I'd advise to un-check the "Go offline after connection is
finished" checkbox here.

 Example 2: telnet does like it

 Another example is telnet: You disable the "Go offline..." option.

 You start telnet (=> AmiTCP will be loaded), get your connection
(=>~you're going online) and play around. Then you logout, and telnet
closes the connection and finishes its work with AmiTCP.
 You   will   now remain connected because you didn't said that you
want to go offline automatically after the job has been done.

 In such a case it would be the best to select the "Go offline..." option !

1.13   The preferences requesters

                                     USING THE PREFERENCES REQUESTERS:

 There are several requesters which allow you to modify certain options of
cdxNetLaunch.You can open them by choosing the matching
                menu item
                 from the
command window.

 Standard settings:

              Function delays

              Command IO window

              Commodity hotkey
              Configuration^1:

              Configurate cdxNetLaunch
              ^{1}: I guess that – if you once configured cdxNetLaunch – you ←↩
                 won't need to
make use of these stuff anymore ;^>

1.14   Define function delays...

                                        DEFINE FUNCTION DELAYS:

 This requester will appear if you select Adjust time delays... from the
Preferences/Automatic Operations
                menu
                 .

              +-+-------------------------------------+--+--+
              | | cdxNetLaunch: Adjust timer delays | | |
              +-+-------------------------------------+--+--+
              | |
              | Auto close AmiTCP after... | [Undo] |
              | | [Help] |
              | A: [········«O»·········] 0 min | |
              | B: [········«O»·········] 20 sec | |
              | [x] Never | |
              | | |
              | -------------------------------+ |
              | | |
              | Auto go offline after... | |
              | | |
              | D: [········«O»·········] 0 min | [Okay] |
              | E: [········«O»·········] 20 sec | [Cancel] |
              | [x] Never | |
              | |
              +---+

 Auto close AmiTCP after...:
   Scrollbars (min/sec):
              Use these two bars to edit the delay for the stopnet
              command:

If cdxNetLaunch recognizes that the last application which
used AmiTCP/IP has finished its work, cdxNetLaunch will wait
this time delay before it will really quit AmiTCP/IP.
This is included because it is very silly if you quit one
network related program and start another afterwards. With-
out this delay time, between this stop first/start next
AmiTCP would be stopped and immediately run again.
The minimum value is 1 second.

  Never:

If you check this, cdxNetLaunch will never automatically
stop AmiTCP.

 Auto go offline after...:
  Scrollbars (min/sec):
Use these two bars to edit the delay for the offline
command:
If cdxNetLaunch recognizes that the last application which
needed you to be connected has finished its connection,
cdxNetLaunch will wait this time delay before it will really
goes offline.
This feature is been added because some programs like AWeb
don't permanently use the line, but do much accesses from
different processes: You load a WWW-page. The page is
ready, but now AWeb starts to load the pictures. If there
isn't any time delay, cdxNetLaunch would go offline between
the end of the transmission of the page and the start of the
transmission of the picture(s).
Try it, if you don't know what I'm talking off ;')
The minimum value is 1 second.

  Never:

If you check this, cdxNetLaunch will never automatically go
offline.

 Undo: Restore your old values.

 Help: This page

 Okay: Accept the new values.
                Remember to select the Preferences/Save preferences from the

                 command window
                  menu to save your changes !

 Cancel: Cancel ;-)

 CLOSE GADGET: Same as Cancel.

1.15 Define output window for function commands...

                              DEFINE OUTPUT WINDOW:
 This requester will appear if you select Define command IO... from the
Preferences/IO window(s)
                menu
                 .

```
          +-+-----------------------------------+--+--+
          | | cdxNetLaunch: Command I/O window   |  |  |
          +-+-----------------------------------+--+--+
          |                                           |
          | Send system output to:                    |
          |                                           |
          |  Stream: [.abcdefg.....................] [Test] |
          |                                           |
          | ----------------------------------------- |
          |                                           |
          |   [  Okay  ] [  Undo  ] [  Help  ] [ Cancel ]   |
          |                                           |
          +-------------------------------------------+
```

Stream: This is the output stream definition where cdxNetLaunch will
                send the output from the
                 scripts
                  to.
                This stream will be opened as an old file, therefore it
                isn't possible to use a file here.
                Use   any   window   definition   (CON:x/y/wid/hi/title/
                AUTO/CLOSE/WAIT etc.) or a NIL: entry for no output.

Test: Using this button you can test whether cdxNetLaunch is able
                to open your stream or not.

Okay: Accept the new values.
                Remember to select the Preferences/Save preferences from the

                 command window
                  menu to save your changes !

Undo: Restore your old values.

Help: This page

Cancel: Cancel ;-)

CLOSE GADGET: Same as Cancel.

1.16   Define hotkey to open command window...

                                           DEFINE NEW HOTKEY:

 This requester will appear if you select Define hotkey... from the
Preferences/Commodity settings
            menu
             .

          +-+-----------------------------------+--+--+
          | | cdxNetLaunch: Command I/O window | | |
          +-+-----------------------------------+--+--+
          | |
          | Open/close command window by: |
          | |
```

```
              | Hotkey: [.abcdefg............................]   |
              |                                                   |
              | ------------------------------------------------- |
              |                                                   |
              |   [ Okay   ] [ Undo   ] [  Help  ] [ Cancel ]   |
              |                                                   |
              +-------------------------------------------------+
```

Hotkey: Enter a string describing the key-sequence which should
                open/close the cdxNetLaunch command window.
                You'll see and hear a display beep if your input isn't a
                valid
                 commodities hotkey
                 .

Okay: Accept the new values.
                Remember to select the Preferences/Save preferences from the

                 command window
                  menu to save your changes !

Undo: Restore your old values.

Help: This page

Cancel: Cancel ;-)

CLOSE GADGET: Same as Cancel.

1.17   How to kill cdxNetLaunch if you don't like it !

                                    THINGS WENT WRONG ?

 Of course I didn't added this page because I think you would need these
information. Indeed, I hope that you like and use my little program.

 On the other hand I myself hate programs (like MUI) which are quite
difficult to remove from my lovely harddrive. I think that a good program
should be easily removable if a user - for what reason ever - doesn't need
or like it anymore.

                            Procedere:

 Okay, if you found too much bugs... please
                write me a mail
                 , first !

1) Delete the complete directory where cdxNetLaunch stored its data to.
   Look at the PREFSDIR tooltype to find it, if you don't know anymore.
2) Delete the executable.
3) Delete this guide.
4) Delete gadtoolsbox.library, if you are sure no other program makes use
   of it.

 Done.

```
 Bye-bye.... ;O
```

1.18   Quick guide into cdxNetLaunch

```
                                            QUICK GUIDE:

- Stop AmiTCP/IP (not really neccessary, but better at all).

- Install cdxNetLaunch by starting the installation script !
- Run cdxNetLaunch from where you placed it:
- Configuration window opens;
                configurate
                 now:
  - At Modem interface you select the AmiTCP/IP interface your are using to
    go online.
  - At  Serial device you select the serial.device and -unit this interface
    is using to access your modem.  - Start cdxNetLaunch.
  - Press okay.
- Run any application that needs AmiTCP....
- Enjoy ;-)
```

1.19   The preferences program

```
 This program isn't available yet.
```

1.20   The cdxNetLaunch status program

```
 This program isn't available yet.
```

1.21   ©-stuff & disclaimer

```
                                         Disclaimer:

 The  author  cannot be held liable for the suitability or accuracy of this
manual  and/or  the  program(s)  it  describes.  Any  damage  directly  or
indirectly caused by the use or misuse of this manual and/or the program it
describes is the sole responsibility of the user her/him self.

                                Copyrights:

cdxNetLaunch V1.0

   is copyrighted ©1996 by
               Hans Bühler
              , Codex Design Technologies [software].
   All rights reserved.
```

```
                    AmiTCP/IP V4.1
                      is copyrighted ©1994 by AmiTCP/IP Group,
  NSDi - Network Solutions Development Inc., Finland.
  All rights reserved.
```

gadtoolsbox.library
nofrag.library

```
  are copyrighted ©1992 by Jaba Development,
  written by Jan van den Baard.
  This library is part of the GadToolsBox V2.0c archive where you even
  find the includes etc.

  All  requesters of cdxNetLaunch have been designed using the GadToolsBox
  V2.0c (©1992 by Jaba Development) and  a little tool of mine, gtp, which
  will resolve various conflicts in the output of GTB.
```

reqtools.library

```
  is copyrighted ©1991-1993 by Nico François
  All rights reserved by Nico François.
```

                         Distribution/Software:

1.22   What is cardware ?

                                CARDWARE

 The
                author
                    of this program expects you to send a postcard to him if you
are using this piece of software continously !

 No more actions !

Please do so !

I like postcars from wherever ! – very much !!!!!!!!!

1.23   What's a sana2.device ?

sana2.device

A sana2.device is a "program" which can establish connections to other
computers via a local net or via the telephone line (modem).
A sana2.device related to cdxNetLaunch is always a device that you are
normally using to establish a connection to another computer (i.e. a
provider).
I myself prefer the "ppp.device" ©1994,1995 Holger Kruse which will make a
ppp connection to your internet provider, but you may choose any device
you like. There are several sana2.devices available in the aminet.

Normally, you would store such a device in DEVS:networks/ !

1.24   Commodity.library hotkeys

HOW TO DEFINE A HOTKEY:

A hotkey is a sequence of several keys which leads into any reaction by
your computer i.e. a program which controls this key.
Amiga hotkeys are now – since Version 2.0 of the AmigaOS – expressed using
a standardized notation.

A hotkey-definition always consists of one normal key and several
qualifiers.

Normal keys are for example: a,b,c,d,e,f...,!,?,^{1},
                             F1,F2,ESC,RETURN,SPACE,
                             UP,DOWN,HELP,TAB etc.
                             (every printable key)

Qualifiers are: shift, lshift^1, rshift^1,
                            alt, lalt, ralt,
                            control, ctrl,
                            lamiga, ramiga,
                            capslock

(^{1}=shift stands for both (one of the two shift keys), rshift for the right
key and lshift for the left one).

If you now want to define a hotkey string, you can mix up the qualifiers
and add one of the normal keys.

Examples:

     lshift r

```
        lalt rshift x
        lalt X                      [note that this means lalt+shift+x]
        ctrl ESC

  Invalid examples:

        lshift                      [no normal key]
        ctrl x a                    [more than one normal key]
        ctrl x shift                [qualifier past normal key]
```

1.25 Tooltypes of icon

                                                          TOOLTYPES:

 These tooltypes will mainly be of no interest for you since they can be
changed using the appropiate menu commands from the
                  command window
                  .
However, some internal stuff is stored here to allow you to circumvent
problems with rather strange configurations of AmiTCP/IP.

 Standard commodity tooltypes:

  DONOTWAIT   say workbench to continue booting when loading cdxNetLaunch
  CX_PRI   commodity priority

 Again some of these (menu Preferences/Commodity settings/~):

  CX_HOTKEY   hotkey to open main window
  CX_POPUP   open main window when started

 Configuration (menu Preferences/Configuration/Configuration):

  SERIALDEVICE   name of serial.device (full path)
  SERDEVUNIT   unit
  IFACE   name of modem interface
  S2DEVICE   associated sana2.device
  S2DEVICEUNIT   its unit
  DOSTCPDEVICE   name of AmiTCP DOS device

 Configuration preferences (menu Preferences/Configuration/~):

  NOSANA2CHECK   don't check whether you are online
  CHECKDATES   compare date of my scripts & AmiTCP:bin/startnet;
                  disable if you don't have a battery backed up clock.
  NOTIFYSTARTNET disable if you don't want to automatically open the
                  configuration window when you change AmiTCP:bin/startnet

 Delay values (menu Preferences/Automatic operations/~):

  DELAY_QUITTCP   time to wait before stopnet
  DELAY_OFFLINE   time to wait before offline
  NEVER_QUITTCP   ;-)
  NEVER_OFFLINE   ;-)
```

```
 Some internal variables (be careful !!!):

  ID_CMDTCPSTART name of program that initializes AmiTCP/IP;
                 cdxNetLaunch will deadlock if this doesn't match !
                 (default AmiTCP:bin/login)
  ID_STARTNET    full name of startnet file (AmiTCP:bin/startnet)
  ID_SYSPROGDIR  path to AmiTCP commands (AmiTCP:bin)

 Script output (menu Preferences/IO window(s)/Define command IO):

  CMDOUTPUT      send script output here

 General stuff:

  PREFSDIR       where cdxNetLaunch saves data to
  AMIGAGUIDEFILE where the guide is (requester will open if not found)
  REFRESH_DELAY  delay to refresh main window gadgets.

 Additional:

  DISABLED       don't do anything on/off
  REPORTS        report window
  INITCMD        see
                 scripts
                  .
```

1.26   AmiTCP/IP from NSDi - copyright & distribution

```
                          WHAT IS AMITCP

 AmiTCP/IP the most used TCP/IP stack that is available for the Amiga.
 The TCP/IP standard (Transfer Control Protocol; Internet Protocol)
is needed to make a connection to other computers, networks or the internet
itself.  You need such a stack if you want to access the internet !
 Further  information  on  AmiTCP/IP  and TCP/IP itself can be found in the
AmiTCP documentation.


                         WHERE TO GET AMITCP

 AmiTCP/IP is commercial software, but it is released as shareware in order
to make you able to try and evaluate it.
 A  copy  of  the  shareware  archive can be found on any aminet ftp-server
(directory comm/tcp) or on several CD-ROMs having been released.
 The   original,   licensed   software   package   including  the  software,
documentation  etc.  can  be  purchased  from (nearly) every Amiga software
distributor around.


                      COPYRIGHT NOTES ABOUT AMITCP:

 Refer   to   the   file AmiTCP:COPYRIGHTS  for  detailed information about
AmiTCP/IP and all copyrights concerning it !
 Please read the license file AmiTCP:LICENSE, additionally !

 Here's the head entry of the COPYRIGHTS file:
```

All files in this AmiTCP/IP release, except ones noted in this file,
are:

   Members of the group are

     Tomi Ollila <Tomi.Ollila@nsdi.fi>
     Pekka Pessi <Pekka.Pessi@nsdi.fi>
     Markus Peuhkuri <Markus.Peuhkuri@nsdi.fi>
     Jarno Rajahalme <Jarno.Rajahalme@nsdi.fi>

   Please refer to the AmiTCP/IP License card (also in file
   LICENSE) for terms on using the AmiTCP/IP 4.1.

1.27   Hall of fame

                     PEOPLE HELPED TO IMPROVE THIS PROGRAM:

 Special thanks must go to

  Christian Würdemann (Codex Design) at codex@kadewe.artcom.de
                    for the idea, bug-testing, the modem I'm using,
                    his guide how to use AmiTCP/IP, for some
                    beta-testing and for his friendship.

1.28   Have a chat with me.

```
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                                .
                                .
                                .
                                :
                                :
                                :
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                                :
                                :
                        ........:
                        :
     h a n s b u e h l e r : c o d e x d e s i g n s o f t w a r e
                        :
                        :...................
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                          [www]          :
              http://kadewe.artcom.de/~buehlhan (Hans Bühler)$^1$
               http://kadewe.artcom.de/~codex (Codex Design)$^1$
```

```
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          $^1$ under construction ;-)
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