haracz_english

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haracz_english

1.1   Haracz

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                Haracz
Version 2.24 (15.09.2000) BLABLA PRODUCT
Copyright © 1999-2000 Misto/BlaBla (Michal Stochmialek)

Haracz is EMAILWARE
Haracz has been producted by BlaBla!!!


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1.2   What is it?

What is it?

   Haracz is a program which analyzes Miami logs (those are the files, in which Miami keeps an info about the time of connecting and disconnecting from the net). Haracz analyzes the data, gives the number of connections, the whole length, the number of units and, of course, gives the amount of cash we own to our phone-company. Haracz has got special online window, which automatically detects connection and shown length of and fee for current connection (and several others). At the beginning Haracz was wrote to calculate fee for users of Polish provider TPSA, but now programme has got many configuration options and can handle most of providers which use units to calculate fee.

Features:
 * can handle years since 8 to 8000, through DateLib (date.library)
  DateLib is copyright © 1994-2000 Dipl.-Inform.
  DateLib is a registered trademark of Dipl.-Inform. Kai Hofmann
 * nice and simple GUI, thanks MUI:
  MUI is copyright by Stefan Stuntz
 * uses MCC NList MUI custom class
  NList.mcc (C) 1996-1998 Gilles Masson
 * uses MCC MonthNavigator MUI custom class
  MonthNavigator is copyright 1996-2000 by Dipl.-Inform. Kai Hofmann.
 * filtering connections with many options (choose days using calendar)
 * can hide lost connections
 * many information about connections
 * gives fee, VAT and fee with VAT
 * can add monthly amount to fee
 * support for free units
 * can calculate costs of selected connections only
 * sorts connection
   * by date
   * by the time of the day
   * by length
   * by units number and costs of connections
   * and many more
 * automatically detects connections
 * calculating fee for current connection
   * basic information like length, cost, units, date of begining
   * length of current unit
   * tariff name
   * and many more
 * many configuration options
 * very flexible descriptions of providers price lists
   * valid dates
   * support for holidays and days of weeks
   * support for changeable length of unit
   * monthly charge
   * free units
   * VAT
   * different start of monthly settle accounts
   * and many more
 * can handle many price lists at one time:
   * Haracz can handle more than one provider at the same time
   * Haracz can give us our bills from past, if we only have got

        description of price list for given period
* intelligent identification of provider for given connection
  * by phone number of provider
  * by date of connection
* Arexx port
* all options have got keyboard shortcuts
* quick help through MUI bubble help system
* added price lists to: TPSA, Natia, InterNetia and CZTelecom...
* translated to various languages, thanks to cooperation with ATO

* Haracz is activity developed
* Haracz is VERY EASY in using
* Haracz is EMAILWARE

1.3   What's been done in previous versions?

 What's been done in previous versions?

Haracz 1.0 (08.07.99)
   * first public version

Haracz 1.1 (15.07.99)
   * fixed many bugs i.e.
     - now Haracz adds length of connecting and stabilizing   of
       connection to total length of connection, earlier Haracz has
       ignored that option (how could I miss it?!!!)
     - many others
   * optimized speed of Haracz:
     - I/O functions was changet to buffered
   * way of counting units changed (now exactly like in TPSA)
   * now Haracz properly handles line Reconnect in Miami log file
   * option to hide lost connections
   * some changes in GUI

Haracz 1.2 (25.07.99)
   * many bugs removed
   * changes in GUI
     - added online window
     - added settings window
     - new column in list: Info
     - some cosmetic changes
   * optimized speed of Haracz
     - especially when Haracz loads log file
   * now Haracz can handle MiamiDeluxe log files
   * added option to save files in plain text and TurboCalc format

v2 beta 1 - 3 (06.09 - 28.10.99)
   * support for locale.library - now Haracz can be localized
   * removed bug which caused loading non-existing default log file...
   * fixed closing windows: when only one window is on the screen (it

doesn't matter that is online or main window) and you close it,
programme quits
* finished some fixes binded to directives of BlaBla programming
* changed philozophy of dlp parameter. Now dlp is difference, in
  seconds, between beginning of choosing number and estabilished of
  connection
* fixed bug with quit through menu
* added tps parameter, which enable/disable some "tricks" of TPSA
* added option to enable/disable size gadget in online window
* Haracz now using NList to handle list with connections
* fixed bug in Info column
* added column Phone with phone number
* added date of compilation in about window (only in beta versions)
* fixed problem with list after log file has been loaded
* Save as CSV(Tab) now also displays phone and info columns
* Save as text now also displays phone and info columns
* Arexx
  * open log file ("Open FILE/A")
  * enable/disable filter ("Filter OFF/S")
  * filter settings (command "SetMonth MONTH/N" and "SetYear
    YEAR/N")
  * show/hide   windows   ("ShowMainWin",   "HideMainWin"   and
    "ShowOnlineWin", "HideOnlineWin")
* in configuration file tak/nie has changed to Y/N or y/n
* added possibility to open/close windows from menu (shortcuts
  Amiga+1 and Amiga+2)
* some structural changes in code

v2 beta 4 (29.10 - 1.11.99)
  * code was modernized
  * added load/save option for settings
  * added Load default settings, Save as default settings and Save
    settings as...
  * removed save settings button from GUI
  * changed counting of first unit... first unit longer or shorter
    than default

v2 beta 5(a) (7 - 20.11.99)
  * fixed bug which caused frozing Haracz at starts. I fighted with
    this bug for a month. This bug was caused by system
    function (!!!), which I replaced with my own, and now everything
    is allright. I also optimized speed of Haracz.
  * now Haracz saves order and height of columns in list
  * now Haracz displays only that columns, which you specified

v2 beta 6(a - d) (21.11.99 - 12.12.99)
  * intelligent "Use" function in the prefs windows - now Haracz
    doesn't interpret closing window with "Use" button as change
    configuration when you don't make any changes
  * some bugs removed
  * now you can disable quit confirmation
  * now you can load currency symbol from locale when wal = 0
  * now you can specify if Haracz displays currency symbol before or
    after number (new parameter "wpo")

    * now you can specify monthly charge (abt)
    * now you can specify number of free seconds in the month
    * online menu - context menu in online window
    * now you can force offline - option in the context menu in online
      window
    * now Haracz asks if force offline, when you load new file - you
      can disable this feature in the prefs window

v2 beta 7(a-c) (18.12.99 - 16.01.00)
    * now documetation in guide file
    * all prefs windows put into one window with pages
    * nice images in the online window
    * added gauge to the unit length gadget in the online window
    * hidding connections list and, after that, group with options when
      you size down main window
    * some cosmetic changes in the online window
    * checked, if Haracz is (and was) resistant to Y2K (succesfull of
      course)
    * added rounding costs
    * some bugs fixed

v2.01 (16 - 30.01.00)
    * configuration system has totally changed, new parameters and new
      names for old ones. Haracz.config has been divided to several
      files. File.config includes only programme configuration, and in
      #?.price is description of price-list of providers.
    * possibility to use more than one price-list at the same time
    * choosing price-list by date and phone number
    * possibility to define another tariff for holidays

v2.02 (31.01.00)
    * now Haracz properly calculate fee after change of price-list in
      the half of the month (!!!)

v2.03 (01 - 03.02.00)
     * now Haracz uses datatypes to load images to online window

v2.04 (13.02.00)
    * BUG FIXED - Haracz ate something about 2kb of memory when Miami
      was online (Artur Chlebek)
    * BUG FIXED - Haracz not properly showed time in progress bar
      working with larger fonts (Artur Chlebek).

v2.05 (17.02.00)
    * BUG FIXED - Haracz hung up, when couldn't open configuration
      files (when you tried to run it from archive using ArcDir or
      install it by copying only main programme file somewhere to your
      HDD) (Kaczus^BB)
    * Haracz now loads without config file, and don't quit like before
    * some changes in warnings system:)

```
v2.06 - 2.10 (31.05 - 12.06.00)
   * new features in online window
      * new borderless option
      * new option which can show enable/disable gadget for  the  main
        window
      * rebuild context menu - now you can change display options  for
        window without using prefs window (use RMB on online window:)
      * new text gadget, which shows current bill
      * new text gadget, which displays name of the tariff for current
        unit
   * some changes in the prefs window
      * configuration of the new options in Haracz
   * some changes in GUI
   * some changes in main window
      * connections list now shows tariff name for connection
      * text gadget with name of the log file and button which  opened
        requester are removed. This function was  replaced  by  "Open"
        function from "Project" menu
      * "analyse" button was moved to the "Project" menu
   * changeable length of unit - now Haracz supports different  length
     of the following units. I.e.: 1 unit - 150 sec, 2  -  200  sec...
     (max. 10)
   * new parameter TariffName (in #?.price files) which describe  name
     of the tariff, i.e.: day, night
   * removed TPSA parameter. It was useless...
   * BUG FIXED - bad calculations on holidays
        (Endless Lameness <venom@tl.krakow.pl>)
   * BUG FIXED - next bug in warning system
   * BUG FIXED - saving of new config files doesn't work
   * BUG FIXED - opening of the windows doesn't work that way, how  it
     was described in documentation (especially when in  Haracz.config
     both of the windows were disabled)


v2.11 - 2.20 (14.06 - 16.07.2000)
   * now Haracz uses date.library, which can handle dates since  8  to
     8000 year (this is not a mistake since 8 A. D. to  8000  A.  D.).
     Thanks that Haracz now is faster (and more stabile).
   * expanded sort options for the connections list, now you can  sort
     by any of the column, i.e.: time
   * expanded filtering  of  the  connections  list.  Haracz  uses
     MonthNavigator MUI Class, thanks to which you  can  specify  date
     using calendar...
   * added arrows to the filter settings. You can change date  by  day
     or by month
   * status line - calculate  costs,  units  and  time  of  selected
     connections in the connections list
   * new parameter in price list files: FirstDay - for people who take
     bills i.e.: from 18 to 17 each month
   * expanded prefs window - now you can change  all  parameters  from
     Haracz.config using GUI
   * added new arexx commands
      * "SetFilter FROM/K,TO/K,ON/S,OFF/S"
      * "AddFromDate DAY/N/K, MONTH/N/K, YEAR/N/K"
      * "ChangeFromDate DAY/N/K, MONTH/N/K, YEAR/N/K"
      * "AddToDate DAY/N/K, MONTH/N/K, YEAR/N/K"
```

* "ChangeToDate DAY/N/K, MONTH/N/K, YEAR/N/K"
* fixed old arexx commands
  * "Filter ON/S,OFF/S"
  * "SetMonth MONTH/N"
  * "SetYear YEAR/N"
* added bubbles help
* better keyboard support (now Haracz can handle TAB key)
* Haracz cooperates with ATO (Amiga Translators' Organization)
* English is now default language, all others languages are available via locale system
* some changes into main code to adapt Haracz to ATO standards
* BUG FIXED – now Haracz properly handles when Miami goes Offline without hungup, and next reconect

v2.21 – 2.23 (11.08 – 01.09.2000)
* Haracz always displays current time, tarriff and total fee in online window, even if Miami is offline.
* Decreased size of main file and minimalized CPU usage by Haracz.
* BUG FIXED – Haracz froze connection in exchange to wrote Offline, when user choose Offline with the lost connection.
* BUG FIXED – muForcer hits when analyse file: when Haracz didn't find valid price-list for given connection.
       (Artur Chlebek <achlebek@poczta.fm>)
* BUG FIXED – muForcer hits when analyse file: when log file starts with "Reconnect" entry (what wouldn't have happened...).
       (Artur Chlebek <achlebek@poczta.fm>)
* BUG FIXED – when exiting from settings window Haracz didn't check that user closed all file-requesters. Now Haracz checks that and displays information about it.
       (Michaî Rybiïski <rybcia@zsmeie.torun.pl>)
* BUG FIXED – requester to choose directory with price-lists shown also files.
* BUG FIXED – names of the requesters didn't match to their functions.
* BUG FIXED – after change of directory with price-lists, Haracz didn't change actually using price-lists.
* BUG FIXED – Haracz searched Holiday parameter instead of Holidays, like it was in documentation and in price-lists files, so Haracz unproperly analysed connections in holiday days.
* BUG FIXED – parameters with the Length word had got misspelling (it was Lenght), and the same misspelling with the name of the image file. Lenght has changed to Length in LengthGadget, UnitLengthGadget, LengthCol parameters in files #?.config, UnitLength in files #?.price and in the name of the file Images/Length.
       (Mariusz Danilewicz <mandi@interia.pl>).
* BUG FIXED – when programme didn't find price-list for given connection, wouldn't have shown length of this connection.
* BUG FIXED – when programme didn't find price-list for given connection, progress bar would have been outside gadget to the border of the window.
* BUG FIXED – reduced blinking in gadgets in online window when they values didn't change.
* BUG FIXED – unproperly freeing memory at exceptional situations when analyses log file.
* BUG FIXED – muAngelGuardian hit at load settings from menu.

  * BUG FIXED - sometimes Haracz shown 48-minuts unit.
        (Krzysztof Gburzynski <emers@px.pl>)
  * BUG FIXED (probably) - Haracz shown hashes, empty strings or
    random tariffs in online window.
        (Michal Stafarczyk <pol1tp@ertel.com.pl>)
  * BUG FIXED - muForcer hit after recall requester which asks about
    force offline.

v2.24 (05 - 15.09.2000)
  * BUG FIXED - removed (probably) bug which caused system crashes.
    Unproperly works of requesters in configuration window and some
    others changes.
  * optimized speed of loading price-lists files and phone log files.

1.4 Requirements

To work properly Haracz needs:

 * some Miami or Miami Deluxe logs
 * MUI 3.8 (might work with an older version)
 * the NList class (available on Aminet)
 * the MonthNavigator class (included)
 * the DateLib library (date.library) (included)
 * the rest of soft and hardware needed by MUI
 * A battery-backed clock (without it it just doesn't make any sense).

1.5 Installation

 Installation

* Copy the drawer wherever you want. The program needs the file
  haracz.config and the config/ drawer (which contains the #?.price
  files) to be put in the same drawer (you can change it's name in
  Haracz.config).
* The default icon def_BlaBla.info must be copied to ENVARC: sys.

WARNING: Users of earlier versions (2.01 - 2.20), configuration file
(haracz.config) and price-lists files (#?.pricelist) changed again.
Copy new files and made necessary changes.

WARNING: Instructions how to install price-lists for given providers
were placed into right directories in Configs/ directory.

1.6 Using Haracz

             In short

             Main window

Online window

Prefs window

Pulldown menu

Is that all?

Troubleshooting

Configuration

1.7 How to use it?

    You pick the file with a miami log, and the rest is done for you.
(well almost..:))
    I always use Haracz during connection... Haracz automaticaly
detects a connection and counts the current call....

1.8 Main window

                Description of main window

    OK... Main window has several gadgets:

* Units – here is the total number of units.
* Free units – the amount of free impulses left this month.
* Connections – here is the number of connections made, after slash
  you have the amount of connections broken off because of system
  failures (with these connections there is no date of disconnecting
  with the network (check below)).
* Total time – here the program adds the length of all connections.
* Fee – gives the amount of money we already own.
* Monthly charge – gives the price of month's subscription for using
  internet.
* VAT – and here we know how much we own the goverment .
* Total fee – and here's how much we have to pay:).

* Filter – this option allows to filter the Miami logs for different
  months
   * Since – here you can specify starting date of the filtering area.
   * To – and here ending date of the filtering area.
     You can choose date using button next to text gadget. After that
     Haracz shows you calendar for the current month. Gadgets to
     changes months and years are above calendar. After you specify
     date, window with calendar will close immediately.
   * Left and right arrows – arrow changes dates in text gadgets per
     one day.
   * Up and down arrows – arrow increases or decreases dates in both
     gadgets per month.

  * Filter – this option turns the filter off (check above).

* Misc options
  * Online window – opens online window in which the current
    connection is being calculated (see also
              Online window
                 and
    Configuration).
  * Hide lost connections – if this option is turned on, the program
    will hide the undone Miami sessions (the ones interrupted by for
    example system failures).

* Connections list
  Here everything should be easy, except for the column No. What???
  You might ask... well... as for the number, which shows itself there
  I think everything should be fine, but sometimes something shows up
  before it... I'll better show all possible options via examples:
    13 – this should be comprehensible (the 13-th connection).
    +13 – the thirtheenth connection, but during the connection there
          was a reconnection. What is it? Well, Miami has
          a possibility to recover a lost connection without dialing
          the internet connection number again. After the reboot we
          just start Miami again and press the online button.
    +   – the standalone plus may show up only when a connection had
          been reconnected and then cut again and the end of the
          session hasn't been marked in the logfile. Haracz inserts
          then in the first line the connection from online to
          reconnect, and to the next line inserts this plus and
          question marks – ???. It's for those who want to know when
          and how was their connection cut. Of course you can just
          turn it off by ticking the Hide lost connections button.

  You can sort connections list through columns. I.e. if you want to
  sort list by time of connection, just press left mouse button on the
  title of the column "Time". After that you can see small triangle.
  If you click again on title of the column, list will be sorted in
  reverse order. Another example: click on the "Date" column, list
  will be sorted by date of connection. And now press Shift key and
  click i.e. on the "Price" column (small triangle will be shown in
  title bar of that column). Now connections list will be sorted at
  first by the date of connection and at second by the prices.

  * Status line – shows information about selected connections in
    connections list. Here you can find following fields:
    * number of connections and lost connections (i.e. [120/21])
    * number of units for selected connections (i.e. U: 20)
    * total time for selected connections (i.e. T: 0:20:33)
    * total fee for selected connection (i.e. F:20.21 $)

1.9 Online window

                    Description of online window

Online window is a small window, in which Haracz shows calculations
for current connection and when Miami is offline, Haracz shows actual

time, tariff and fee.

This window MAY consist of:
   * "Since" field – the time of starting the connection.
   * "Time" field – the current time.
   * "Length" field – the actual length of the connection.
   * "Units" field – the number of units.
   * "Fee" field – fee for the actual connection.
   * "Current unit length" – how much time to the end of the current
     unit.

   * "Main window" option – if it's off the
                 main window
                  will be
     closed.

    [The above fields can be turned on/off in the
                 configuration
                   or
    using context menu]

  There is also a small menu in the window (it shows up when you press
  rmb on the window)
      * Force offline – when this is on Haracz is not calculating
        the current connection. It is useful, when Miami is offline,
        and the last connection was cut (Haracz would have still been
        calculating, thinking, that the connection is on). This option
        blocks it. The option automatically turns itself off, when
        Haracz finds a new connection.
      * Main window – this option shows/hides main window
      * Gadgets – in that menu you can enabled/disabled specified
        gadgets in online window. They have got the same names like in

                 settings
                  window.
      * Layout – this menu is equivalent of the "Layout" page from
        settings window. Options in that menu have got the same names
        like in the
                 settings window
                  .
      * Columns – here you can specify in how many columns you want
        display gadgets in online window.

  The window checks every 2 seconds if the Miami logfile has changed,
  (if we've connected or disconnected). Haracz can have a few seconds
  of delay in detecting the above.

1.10 Pulldown menu

                   * Project
  – Open... – loads another log file...
  – Analyze – analyze loaded log file
  – Save as CSV(Tab)... – saves data in format understandable for
    TurboCalc (tested with TC v.5). You can import data to TurboCalc

```
   using "Import" option and select CSV (Tab) format.
- Save as text... - saves data as text file.
- About... - shows window with information about Haracz.
- About MUI... - shows window with information about MUI.
- Quit - ends working.

* Windows
- Main window -          here you can enable/disable
- Online window -        both of the windows...

* Settings
- Haracz  - shows
                   settings winodw
                .
- MUI - shows MUI settings window.
- Load settings... - loads settings from file.
- Load default settings - loads default settings.
- Save settings - saves current settings.
- Save settings as... - saves current settings into specified file.
- Save settings default - saves current settings as default.
```

1.11   Is that all?

Well... almost. It may happen that during the connection the
system crashes. Miami won't be able to enter the date nor time to the
logfile. In that case Haracz will give you neither the time of
disconnecting nor the cost of connection, you'll anly get question
marks (???) (if the option hide lost connection is off).

1.12   Configuration

```
            Configuration
```

The config file (haracz.config) is in the text format and can be
edited using a text editor (for ex. CED). But better to use an
internal Haracz settings window, where you can change status of all
possibles options.
In the text files there are also the providers' price-lists. They
can only be changed via a text editor. (but maybe someday we'll get to
configurating by GUI only)

```
         Editing the haracz.config file directly

         Editind the config using Haracz itself

         Editing the price-lists  (#?.price files)

         What else can I change?
```

1.13   Editing the haracz.config file directly

```
            Editing the haracz.config file directly

   Currently (since v2.20) you can change all of options  in
haracz.config file using
               settings window
               , so directly editing of  that
file is unnecessary.

   But if you want to know something more about that file, just  read
that file. You can find there descriptions of all  parameters  of  the
haracz.config file.
```

1.14   Files with price-lists (#?.price)

```
 Editing the price-lists for Haracz
  (Only with a Text Editor)

   In the #?.price  files  are  the  current  lengths  and  costs  of
impulses. They are set to Polish conditions, so it would  be  wise  to
check them and set them up according to the costs in your country.

   You should change the DialTime here. (WARNING: some  changes  made
here). It shows how long  does  your  modem  dial  the  number  before
starting connection. In Poland it is approximately 10 seconds, but  it
could be different in where you live. Just measure time between  begin
of dial number and begin of start of  the  connection  (you  can  hear
noises). and enter your time. The time depends mostly on the operator.

   But if you really want to change price-lists, I  of  course  could
help you:).

   At the beginning I describe the configuration  loading  mechanism.
Haracz is checking the path to the price-lists dir  in  haracz.config.
In that directory Haracz is looking for files with suffix.price.  And
loads them ALL one after another.

   Haracz has an ability  to  use  a  various  price-lists  (it  only
depends on the amount of free memory). With every connection it  picks
the correct one.  Picking  the  price-list  depends  on  the  date  of
starting the connection and the phone  number  to  your  provider.  It
gives  you  almost  unlimited  possibilities.  Leaving  you  with  the
ablility to check old bills before the price changes  and  also  using
several providers.

CAUTION: If there will be more than one file  for  a  given  date  and
phone number Haracz will choose "random" (it depends on the  tree-list
of files). So avoid duplicating price-lists whenever possible!

Technical information for the #?.price files. Maximum line  length  is
512 bytes. Haracz  doesn't  support  line  dividing.  Everything  that
stands behind a # is a comment. Haracz can handle also something  like
"Parameter = Value #comment". Parameters are  case-sensitive,  so  you
```

must use the same cases for parameters in your price-lists like given
at the bottom or in the attached #?.pricelist files.

 Description of all parameters:

Name – Name of the price-list. It has no use as for now. You can enter
whatever you want, but only up to 100 characters
For ex.
Name = My little price-list (01.01.00-31.12.00)

From – Since when has the price-list begun (is active)? Date must be
set to: dd.mm.yyyy. If you enter *, the price-list will not have
a beginning date. All connections made before the date stated in "To"
will be calculated using this price-lists.
ex.
From = 17.11.2000

To – When does the price-list change (has changed)? Date must be set
as above (dd.mm.yyyy). If you enter *, all connections after the date
in "From" will be calculated using this price-list.
ex.
To = 21.03.1999

Phone – Phone number(s) with which Haracz will be recognising the
price-list. If you enter *, the phone number will not be used when
choosing the price-list. You can enter several numbers divided with
a signle space (" "). You can't specify more than 20 numbers here.
ex.
Phone = 0202122 0202124

DialTime – How long is the provider being dialed? (it's been already
explained). It is the length in seconds that Haracz adds to the date
of starting the connection.

ex.
DialTime = 10

HolidayDates – Dates of holidays in your country. Dates must be in the
dd.mm format. You can specify max. 20. Separate dates using single
space (" ") character. It's better to put only those, which are in
validity period of this price-list. For what put here 1 Januray when
price-list is valid since February to June? Don't waste time and
calculations. Easter. Hmm.. When you use the same price-list for
several years, you better specify different price-lists for different
years. And there specify correct date for Easter. If there are no
holidays in the validity period of price-list or your provider treats
them as ordinary days, type * here.
ex.
HolidayDates = 01.01 04.04 01.05 03.05

Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday,
Holidays – Describes in which hours is which tariff in the different
days of week and in Holidays. Type here 24 digit numbers, where each
number specify number of tariff in given hour. First number specify
tariff for 0 hour (since 0: 00 to 0: 59), second – for 1 hour (since
1: 00 to 1: 59). You can specify only 10 tariffs (0–9). Numbers must
be in one string, you can't separate them. Tariffs are described later
by UnitLength and TariffName parameters.
ex.

```
#           Hours
#           000000000011111111112222
#           012345678901234567890123
#           ########################
#                                  #
Sunday    = 333333332222222222222233 # Sunday
Monday    = 111111110000000000000011 # Monday
Tuesday   = 111111110000000000000011 # Tuesday
Wednesday = 111111110000000000000011 # Wednesday
Thursday  = 111111110000000000000011 # Thursday
Friday    = 111111110000000000000011 # Friday
Saturday  = 333333332222222222222233 # Saturday

Holidays  = 444444444444444444444444 # Holidays
```

UnitLengthx – This parameter described length of following units into
tariff which has got number x (where x is number between 0 and 9). You
can specify here 10 numbers separated by spaces (" "). All numbers set
length of given unit. For example: first number sets length of first
unit, second number – for second unit, etc. Length is specified in
seconds
ex.
```
# Unit number =  I   II III  IV  V   VI VII VIII IX  X – n
UnitLength0   = 120 120 120 180 180 180 180 180 180 180     # tariff0
UnitLength1   = 120 390 750 750 750 750 750 750 750 750     # tariff1
```

Caution: If your provider doesn't support different length of units,
you don't have to input all 10 numbers because Haracz fills empty-left
fields using the last number. You can specify only:
```
UnitLength0   = 180
```
or
```
UnitLength1   = 120 390 750
```
Haracz repeats last value for all empty fields but I DON'T advice to
usie that format!!!

TariffNamex – This parameter describes name of the tariff with number
x (where x is number between 0 and 9). You can type here max. 100
chars.
ex.
```
TariffName0 = Day
TariffName1 = Night
```

```
Charge - Monthly charge for internet (in 1/100 of your currency).  You
must specify this value without VAT tax.
ex.
Charge  =  2000 #20 $


FreeUnits - Number of free units per month.
ex.
FreeUnits  =  10


UnitCost - Cost of one unit. You must specify value without VAT tax in
1/100 of your currency.
ex.
UnitCost = 22


Tax - How high is VAT tax for communications services in your country.
Value in percents.
ex.
Tax = 22


TPSA - This parameter has been removed since v2.10. Please  DON'T  USE
it anymore.


FirstDay - Day of the month when bill for given month is started being
calculated. Almost always it is set to 1, but if  you  specified  here
e.g. 16, that would mean that provider calculates your bill  since  16
to 15 for each month.
ex.
FirstDay = 19
```

1.15   Description of settings window

```
 Description of settings window.

Settings window consist of the following pages:

  Start/Misc page:
   - Default Log file - file with phone log from  Miami,  loaded  when
     Haracz starts
   - Directory with price-list - directory, from  which  Haracz  loads
     price-lists (#?.price files). These files contain all information
     about provider which is needed by Haracz.
   - Default settings group - here  you  can  specify  state  of  some
     options at start (enabled/disabled) in the main window  and  also
     which window you want to open at start.
     WARNING: if "Main  window"  and  "Online  window"  are  disabled,
     Haracz opens main window at  starts  and  when  you  open  online
     window, main window will be immediately closed.
   - Others group
       * Confirm quit - asks user before quit
       * Ask before force offline? - here you can disable asks  (after
```

                Haracz loads new log file, and detect lost connection in it)
                if Haracz forces offline? Exactly Haracz asks if Miami kept
                or lost connection.
      – Currency group
          * Settings – this gadget sets, if Haracz loads currency symbol
            from system (via locale) or user has to specify currency
            symbol by hand.
          * Currency symbol – if you select "User defined" in the above
            option, you can enter here currency symbol which you want to
            display by Haracz when Haracz displays costs.
          * Symbol – this gadget define, if Haracz will display currency
            symbol before value, after value or load these settings from
            locale?

  GUI page:
   – Connections list group – here you can specify, which columns will
     be displayed in connections list

  Online window page:
   – Gadgets – where you can specify which fields will be displayed in
     online window
   – Layout group:
       * Show images – where you can specify if Haracz displays nice
         images instead of ugly texts.
       * Progress bar – shows "Current unit length" as progress bar.
       * Borderless window – disables standard borders for the online
         window. Haracz displays tiny bar on the right side of the
         window.
       * Close gadget – this option hides close gadget for main window
         in online window.
       * Size gadget – if online window should have got systems size
         gadget. This option is unactive when you enable "Borderless
         window" option.
       * Columns – here you can specify in how many columns you want
         to displays gadgets selected above.

1.16   What else can I change?

 What else can I change in Haracz?

  At the beginning I only remind, that Haracz is MUI application. So
you can change in GUI almost everything! At the beginning I propose to
add some nice backgrounds, after that you can change layout of gadgets
and text fields, etc. All of these options is described in MUI
documentation.

One small note, if something wrong with your GUI, at first check your
MUI configuration. Make identical spaces, select identical frames. And
after that, if still something is wrong, mail me...

Since version 2.03 you can also change images in online window. Haracz

loads them from images/ directory. You can find there following files:
* Connect   - Since field
* Cost   - Connection cost field
* Imps   - Units field
* Length   - Length field
* ThisImp   - Current unit length field
* Time   - To field
* Bill   - Total fee field
* Tariff   - Tariff field

Haracz loads images via datatypes, so they can be in any format (for
which you have got datatypes). No size limits. When you make your own
images, you must adapt it to rest of window. But here is only one
limitation. Images can be in 1-8 bits depth (2-256 colours) only, so
you can't use HAM, 14/16 bits modes, etc.

Cannot loading images, Haracz will use default images (which are
identical like those in the archive).

1.17 Arexx commands

 Arexx commands

    Haracz, like all (hmm... majority) MUI applications has got
built-in arexx port. (What is arexx, I won't explain...:) and like all
MUI applications handle basic commands:
QUIT - quit programme
HIDE - iconify programme
SHOW - uniconify programme
HELP FILE/A - save list of all commands handled by programme to
      specified file
INFO ITEM/A - this command gives basic information (which depends from
      parameter) about applications.

More exact explanations of these commands you can find in MUI
documentation. And examle of use in MUI:Rexx/ directory.

Haracz has got arexx port named "2B_HARACZ".

Lets go to Haracz commands.

    Open FILE/A - this command opens given log file and analyze it.
ex.
Open "Miami:miami_phone.log"

    ShowMainWin, HideMainWin - shows or hides main window.

    ShowOnlineWin, HideOnlineWin - shows or hides online window.

Following commands are related to filtration:

    Filter ON/S,OFF/S – enables/disables filtering of connections.

    SetMonth MONTH/N – sets starting date of the filtering area for
given month, and ending date according to starting date to keep the
difference between dates (in months).
ex.
If you specify dates:
Since: 12.06.2000
To: 11.10.2000
And execute command:
SetMonth 5
dates are changes to:
Since: 12.05.2000
To: 11.09.2000

    SetYear YEAR/N – analogically to the above command but changes
year instead of month.
ex.
If you specify dates:
Since: 12.06.1996
To: 11.10.2000
And execute command:
SetYear 2010
dates are changes to:
Since: 12.05.2010
To: 11.09.2014

    SetFilter FROM/K TO/K ON/S OFF/S – this   command   is   more
complicated. Using it you can sets any filtering area. First two
arguments must be preceded by keywords. You should enter dates in text
format. Command checks if dates are valid and if the starting date is
earlier than ending date, after that set new filtering area. When you
use arguments ON or OFF you can turn filtering on or off.
ex.
SetFilter FROM 01.09.2000 TO 23.12.2002

    Thanks to using date.library Haracz can handle many date formats.
If you aren't sure if specified format is allright, try it out in
practice (remember that date.library can handle dates between 8 and
8000 year, so programme won't be sure when you enter for example
01-jun-99 if that means 2099 year or 1099 year). If programme don't
recognise specified date format, command will return error message.
I suggest using dd.mm.yyyy format when entering date manually.
The following formats are valid:
dd-mm-yyyy, dd/mm/yyyy, dd.mm.yyyy,
d-m-yyyy, d/m/rrrr, d.m.yyyy,
dd-mmm-yyyy, d-mmm-yyyy,
mmm-dd-yyyy, mmm-d-yyyy,
ddmmyyyy

ex. 01-10-1789, 2/6/1981, 29-Jun-2001, Jun-25-1999, 01012001.

    ChangeFromDate, ChangeToDate DAY/N/K MONTH/N/K YEAR/N/K – these
commands, like one before changes starting date (ChangeFromDate) and
ending date (ChangeToDate) of filtering area. But there are some
differences in usage of arguments. These commands use date in
numerical format. You should specify DAY, MONTH and YEAR of the date.
This command checks validity of the date, and also if ending date is
not earlier than starting one and vice versa.
ex.
ChangeFromDate DAY 10 MONTH 12 YEAR 1999
ChangeToDate MONTH 2 YEAR 2001

    AddFromDate, AddToDate DAY/N/K MONTH/N/K YEAR/N/K – these commands
also changes starting date (AddFromDate) and ending date (AddToDate)
of the filtering area. But they work different from those above. In
arguments you specify quantity of days (DAY), months (MONTH) and years
(YAER), which you want to add to selected dates. These commands also
support negative values. Programme checks validity of the dates, and
if ending date is not earlier than starting one.
ex.
ChangeFromDate DAY "-10" MONTH 2 YEAR 1
ChangeToDate YEAR "-10"

1.18 Any troubles?

                    Any troubles?

* Miami doesn't create any log files?
    Check if you enabled creating of Phone log in Miami, entered path
and set format to ASCII. You need registered version of the Miami to
do that.

* Some differences between real fee and that fee which was calculated
by Haracz...
    Of course I don't gives any guarantee, that Haracz exactly give
you exactly the same fee, as on bill from your provider. I checked
that on my own bills, but I've got very few identically bills. I think
that in Poland this is caused by bugs in billing machines of polish
provider TPSA (caused by overloading).

* After system crash during making connection and after reboot, Haracz
still calculates the way that Miami is online.
    Because all information about connections Haracz takes from Miami
log files, so if date of disconnect is not specified there, Haracz
thinks that Miami is still online. You can disable it using "Force
offline"' option in context menu on the online window (hold rmb on
that window).

* When I iconify Haracz I can't find icon on my desktop (I've got

```
OS 3.5).
    Copy  icon  def_BlaBla.info   from   Icons/OS35   directory    into
ENVARC: sys/ in exchange of old icon in NewIcons format.
```

* I don't like images in online window...
    You can change them. Please read
                how to do it
                  .

* Haracz doesn't display images in online window properly...
  See information about
                bugs
                  .

1.19   HARACZ is EMAILWARE !!!

```
 HARACZ is EMAILWARE !!!
```

This software is subject to the "Standard Amiga FD-Software Copyright
Note". It is MAILWARE, as defined in paragraph 4b.

    If you like (or not) this programme and often use it, send me an
email. I'll know how many persons use it. It would be nice if you sent
also some suggestions, notices or bugreports. The worst thing for
author of the software is not that he has made bad programme (he can
always modify it), but that his programme hasn't been noticed.
    If you really like HARACZ and want to send to me something, I'll
be glad of any gifts, starting from box of matches (through beer) to
PowerPC board, or new Amiga. I'll also be glad when you send to me
cheque or money.

For more information please read AFD-COPYRIGHT (version 1.3 or
higher).

1.20   Bugs?

```
 Bugs?
```

* SOMETHING'S WRONG WITH IMAGES IN ONLINE WINDOW
    New OS3.5 have got some problems with loading ILBM files (images
in online window) in my programme. They shown a little destructed, or
cutted. I'm not really sure, but this is probably some bugs in system,
becasue this doesn't matter for Haracz if he loads IFF, GIF or JPEG
file. For now you can use images in GIF format which you can found in
archive in Images/ directory.

* STILL SOMETHING'S WRONG WITH IMAGES IN ONLINE WINDOW AND I DON'T
HAVE GOT OS3.5

   If given above method doesn't work, check which version of
datatype.library and ilbm.datatype you have got. If you haven't got
any graphic card use system libraries, but if you have got one, use
libraries attached to CGX or P96.
~~~~This problem may also be caused by FBlit. This isn't checked. If
you use FBlit, try to uninstall it, and check if images are still
corrupted. No matter if images are corrupter or not, mail me and
describe results of this operation.
   If still something's wrong with the images, delete files in the
Images/ directory. After that Haracz will use build in images (they
are identical to that, which are placed in Images/ directory). But
this is only an ersatz of the solution.

1.21 Thanks

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   included they suggestions, advices or bugreports.

1.22 Future

 Future

 I near future I want to add to Haracz:

* different methods to detect connections
  * via Start/Stop button
  * via ARexx
  * via detect connection in serial.device
* own logs
* alarm
  * after x units
  * x seconds before end of y (or every) unit

```
* printing
* statistics
  * daily, monthly, yearly
  * graphs, avrages etc.
  * probable bill for the end of the month
* expand settings
  * tariff editor
* edition of Miami logs
   * lost connections
      * via guru-history
      * by hand
   * adding comments for connections
* callback
* Tooltype/CLI
  * all options
  * exchange starting configuration file
* expand online window
  * speed-meter
  * online/offline lamps
  * send/receive data lamps
* save somewhere (in memory or file) time  of  connection,  to  thanks
  that you can settle time of the end of the connection  after  system
  crash.
```

1.23 Author

```
 Author

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```