CarCosts

COLLABORATORS

	TITLE : CarCosts		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		August 24, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

CarCosts

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         And about MUI you should read:
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1.2   What the program does

```
                              CarCosts Version 3
                              ==================
```

The program calculates the total costs of your car. You have to insert
the load of fuels and other support costs (in two different lists).
The result are: fuel costs, supports costs and total costs (total costs
and costs per km, mile or whatever you choose).

1.3   Which hardware do you need ?

```
                              Your AMIGA
                              ----------
```

This program needs Kickstart/Workbench 2.04 or higher and MUI (MagicUser
Interface, (c) by Stefan Stuntz). The file Readme.MUI describes how and
where you can get MUI. The important parts of MUI (Version 1.3) which
you need to use this program are included.

1.4   Disclaimer

```
                                 Legal stuff
                              -----------
```

CarCosts is ShareWare. If you use this program, you have to send DM 20,-
or (US)$ 15,- to the author (ME). My address is at the end of this file.
The author undertakes not liability for any dammage caused by this
program.

```
                    USE IT AT YOUR OWN RISK !!
```

MUI is ShareWare, too. For further information look at
              Readme
                 .

It is allowed to include this program in any mailbox, PD-disk or PD-CD.

1.5   Installation

```
                         Installation
                         ------------
```

First, you have to install MUI (if not installed):

 - Copy the file MUI/LIBS/muimaster.library to LIBS:

```
  - Copy the files MUI/CLASSES/MUI/#? to sys:classes/MUI/.
  - Prior 3.0 users have to include sys:classes to LIBS: Add a
    assign LIBS: sys:classes/ add in your s:User-Startup
```

Then you can install CarCosts.

```
  - Just copy the executable to a place you like.
  - If you want to use a different language than german, you have to install
    a new .catalog-file. Copy the correct file to
    locale:catalogs/<your language>/CarCost.catalog
  - If you cannot find your language, you can generate your own catalog.
    But you need a program like MakeCat, CatEdit or CatComp to compile
    the catalog.
```

1.6 How to Start

```
                             How to Start
                             ------------
```

You can start the program on WB with a simple double click on the icon. But
you can start the program as well via a double click on a file with
CarCost as its Default Tool. And a start from Shell is possible, too.

After starting the programm, a window should appear on your Workbench
(or on a screen you selected via MUI's preferences program).

If the program does not open a window, check
- if you have Kickstart/Workbench 2.04 or higher
- if you installed MUI:
   - is muimaster.library in LIBS: ?
   - are there several files in sys:classes/mui/ ?
   - is sys:classes/ added to LIBS: ?
- check if you have commodities.library and asl.library in LIBS:

If you checked everything and cannot find a fault, try a programm like
SnoopDos to see which file the program cannot find.

1.7 If it does not work

```
                          If it does not work...
                          ----------------------
```

The program opens a requester, if it cannot open a library (except
intuition.library, there is no requester, if intuition.library V37 or
higher cannot be opened).
The program can open its windows on a NTSC-hires screen with a Topaz/8
font. If the program cannot open its main window, a requester appears.
If you started the program and NOTHING happens, you can use 'Exchange' to
test if the program is running (and you can remove the program).

1.8 The Main Window

```
                     The Main Window
                     ---------------
```

The main window contains tree parts:
- In the first two text gadgets, the car, the name of the open file and the
  first and last date in your datas are displayed.
- The two buttons activate two other windows for entering entries in the
  fuel and support list.
- The text gadgets at the bottom of the window contain the results of
  CarCost's calculations.

1.9 The Fuel Window

```
                     The Fuel Window
                     ---------------
```

To modify or enter entries in the fuel list, you have to activate this
window. The window contains two regions:
- In the top part is a listview where the entries are display
- The bottom part contains some stringgagdets for entering data and some
  buttons.

To enter a new entry, select NEW. The cursor will be in the first
string gadget. With RETURN, the next gadget will be activated. If you press
RETURN in the last gadget, the entry will be added to the list, if
you entered a correct date (otherwise the cursor will be in the first
gadget again).
If the value for kilometers (miles, ...) for a later date is lower than one
for an earlier date, a requester will appear. However, the entry is added
to the list.

To change an entry, select an entry and then CHANGE. Its contents are
displayed in the stringgadgets. If you press RETURN in the last gadget,
the new entry will be added to the list, if you select CANCEL, the old
one is not changed.

To delete an entry, select it and then DELETE.

To close the window, press ESC, click on the close gadget or select
Close Window.

1.10 The Support Window

```
                    The Support Window
                    ------------------
```

This window is very similar to the fuel window. There is only one
difference: You can enter as many entries for one date as you want.

1.11   The New Window

```
                           The New Window
                           --------------
```

If you select Project/New, this window will appear. You are asked for
the registration number of a new car, the date and the kilometers
(miles, ...) at start.
Here you can enter as well how you want to enter the dates.

1.12   The Menus

```
                              The Menus
                              ---------
```

– New: Clears the lists and ask for the initial data of a new car.

– Change Startdata: Here you can change everything you entered at New,
                    without deleting any other data.

– Load/Save/Save as: Load/Save the list to a file.

– Print: The program ask if it should print the data to a printer or write
         them into a file. If you choose to write the data into a file,
         you are asked for a filename, too.

– About: Some information about the program.

– Quit: Quits the program.

1.13   The ARexx-Port

```
                       The ARexx-Port of CarCosts
                       --------------------------
```

The ARexx-Port of CarCosts has the name CARCOSTS.x, where x is a number,
usually 1.

CarCosts knows the usual MUI commands and the following commands:

GETFUELNUMBER
 Gives you the number of entries in the fuel list (in RESULT)

GETFUELINFO ITEM/A,NUMBER/N/A
 Gives you a part of an entry. The entry is selected via NUMBER (the first
 one is number 0, the last one if GETFUELNUMBER-1). With ITEM you select,
 which part of an entry you want to get. ITEM must be one of DATE, KM,
 LITER, PRICE, DKM or LPERKM. DKM is the distance between two entries and
 LPERKM the consumption.

```
GETSUPPNUMBER
 Same as GETFUELNUMBER, but for support list.

GETSUPPINFO ITEM/A,NUMBER/N/A
 Same as GETFUELINFO, but ITEM must be one of DATE, TITLE, REMARK or PRICE.

GETSUMMARY ITEM/A
 Gives you a summary of all entries: ITEM must be one of:

 - STARTDATE     -> The date, the list starts
 - ENDDATE       -> The last date in the lists
 - LITER         -> The total amount of liters (or gal., or ...) you used.
 - KM            -> The total amount of kilometer (miles, or ...).
 - CONSUMPTION   -> The consumption (liter/100km or ...).
 - PRICEFUEL     -> The total price of fuel.
 - PRICESUPPORT  -> The total price of support.
 - KMSTART       -> The km (miles...) at start.
 - SIGN          -> The registration number of the car.

SETFUELENTRY DATE/A,KM/A,LITER/A,PRICE/A
 Adds an entry to fuel list. RC is 5 if there is a negative distance (but
 the entry IS added) and RC is 10 if the date is invalid.

SETSUPPORTENTRY DATE/A,TITLE/A,REMARK/A,PRICE/A
 Same for support list.
```

1.14 How to get correct values

```
             How to get correct values
             -------------------------
```

To get correct values for consumption, enter the data as follows:
- Get your tank full. Enter the date and the kilometers (miles,...) in
  the new window. DO NOT ENTER THESE DATAS IN THE FUEL LIST, TOO. This
  would result in a delta kilometer of 0, and x/0 is a bit difficult...
- The next refuellings can be entered in the fuel list. You should not
  forget to enter a refuelling, this will result in to low consumption.
The consumption is calculated for the last kilometers (miles,...) since
the last refuelling. The distance is the kilometers at that refuelling
less the kilometers at the last refuelling. You will get wrong consumptions
if you do not do a full refuelling.

1.15 Catalog Files

```
             Catalog Files
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```

A .cd and .ct file are included, so you can translate the program to your
own language. If you do so, please send me a copy of this translation and
tell me, if I am allowed to add the translation in the next release.

1.16 Credits

```
                              Credits
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```

There are a few people who made this project (version 3.0) possible:

- Stefan Stuntz (without MUI no version 3.x....).
- Dirk Nehring, my beta-tester, who tested several versions on his A4000.
  He gave me the icon, too.
- Hans Schmid for an important bug report concerning version 3.00 and the
  suggestion to allow more than one entry per day.

1.17 My Address

```
                                 My Address
                     ----------
```

If you want to pay the shareware fee, found a bug or want to make
some suggeestions, write me:


```
           Rüdiger Dreier
           Gustav-Winkler-Str. 40
      D-33699 Bielefeld
           Germany
```

I can be reached via EMail, too.

 ruediger.dreier@post.uni-bielefeld.de

The address of Stefan Stuntz is in the chapter
              Readme
               .

1.18 Readme.MUI

```
                   This application uses


                   MUI - MagicUserInterface

           (c) Copyright 1993/94 by Stefan Stuntz
```

MUI is a system to generate and maintain graphical user interfaces. With

the aid of a preferences program, the user of an application has the
ability to customize the outfit according to his personal taste.

MUI is distributed as shareware. To obtain a complete package containing
lots of examples and more information about registration please look for
a file called "muiXXusr.lha" (XX means the latest version number) on
your local bulletin boards or on public domain disks.

         If you want to register directly, feel free to send

                    DM 30.- or US$ 20.-

                            to

                       Stefan Stuntz
                  Eduard-Spranger-Straße 7
                     80935 München
                        GERMANY