Mousometer

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COLLABORATORS

	TITLE : Mousometer		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY	Wolfgang Breyha	October 27, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Mousometer

1.1 main

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                M o u s o m e t e r   V3.12

                      for MUI

        © by Wolfgang Breyha and Michael Matzl

                   in 1993-94

                  SCHNITZELWARE


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1.2 rights

```
Copyright:
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                M o u s o m e t e r   V3.12
```

for MUI

© by Wolfgang Breyha and Michael Matzl

in 1993-94

MousoMeter is SCHNITZELWARE!

This means if you are using MousoMeter for more than 200 meters, you have
to send the money for a "Wiener Schnitzel" and a beer to one of the two
authors (at the time 15DM or 10US$). And guys that's no joke!!

        COPYRIGHT AND DISTRIBUTION

MousoMeter is (C) 1993-94 Wolfgang Breyha & Michael Matzl.

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This package is freely distributable, but still copyright by Wolfgang
Breyha & Michael Matzl. This means that you can copy it freely as long
as you don't ask for a more than nominal copying fee.

Permission is granted to include this package in Public-Domain
collections, especially in Fred Fishs Amiga Disk Library (including CD
ROM versions of it). The distribution file may be uploaded to Bulletin
Board Systems or FTP servers. If you want to distribute this program
you MUST use the contents of the original distribution archive
'MUIMousoMeter312.lha'. The archive may be distributed unpacked or packed
with a different archiver, if necessary.

1.3 introduction

Introduction:

MousoMeter meassures the distance you drive with your Mouse on your
Mousepad. For this purpose there are a day and a total counter.

MousoMeter also reminds the time it was activ and calculates your
average speed.

And last but not least MousoMeter stores all activities of your Mousebuttons.

1.4 requirements

```
Requirements:
-------------
A mouse;-) For middle-button values a three-button-mouse;-)

A sofisticated program like MousoMeter makes it nessecary to take
advantage from many functions of Kickstart 2.04 (V37). So it works
only on this or later versions.

And Kick 1.3 is dead! If you are a real AMIGA-User take 2.0 or higher.

If you are owner of a release V38+ (Workbench 2.1) you are able to
use the catalogfiles for your prefered language. Possible languages are
at the time:
  english (built in)
  deutsch
  italiano

If you are able to help as translating them into other languages read
the section Future.

For this release of MousoMeter you also need MUI 2.2 from Stefan Stunz.
(see ReadMe.MUI)

In any case you need the following files:
   Fonts/topaz/11
   Fonts/topaz.font
   libs/commodties.library
   libs/diskfont.library
   libs/iffparse.library
   libs/mathieeedoubbas.library
   libs/muimaster.library
   libs/rexxsyslib.library

Users of V37 & V38 also need the following statement in
the user-startup:
  assign libs: sys:Classes add
```

1.5 startup

```
Startup:
--------
You can start MousoMeter from CLI or Workbench. The recommended way is, to copy
it to the WBStartup drawer.

The TOOLTYPES and CLI-options are equal. They are:
CX_PRIORITY       look at the Workbench manual
SAVE_DISTANCE     every time you drive this distance MousoMeter will save
                  the counters for safety
CALIBRATION       the calibration faktor of your mouse (see Calibration)
HANDLERPRI        the priority of the input-handler (should be >55)
MAXDATEDIFF       if the systemdate is greater then the last safed +
                  MAXDATEDIFF MousoMeter will ask you to check your
```

systemclock. If the systemdate is lower then the last
safed MousoMeter reacts in the same way.

RESETHANDLER   * WARNING * WARNING * WARNING * WARNING * WARNING * WARNING *

                  This function is very risky if you don't know how to handle it.
                  So if you know nothing about reset-handlers from the keyboard.-
                  device set it to OFF. This function can cause read/write errors
                  or not validated medias!! The authors know about the risks (and
                  also about the goods) of this function but we take no
                  responsibility for any damages. YOU HAVE BEEN WARNED!

RESETDELAY   After saving the file in the reset-handler MousoMeter must
                  delay the reset to give DOS a chance to write the bitmap to
                  the drive. The value defaults to 150/50 secs (3 secs). If the
                  delay is to short the errors described in the upper section may
                  occure. On my configuration (W. Breyha) a delay of 75 is enough.
                  (A2000+GVP Serie II 030 33Mhz+Quantum LPS 240)

                  * WARNING * WARNING * WARNING * WARNING * WARNING * WARNING *

The standard Commodity-Tooltypes POPUP and POPKEY are not supported, because
they are configured in MUI's Preferences-program.

There're no more Window coordinates, because they're configured in with the MUI-
Prefs Editor!!

1.6   aboutwindow

About Window:

Here you can see general Informations about MousoMeter and your achieved scores.
You can see how long MousoMeter was active and your average speed in meters/hour.
The values from "last time" are those from the last day MousoMeter was active.

1.7   highscores

Highscore Tables:

This table shows the three best and the three worst scores you have achieved in
the three categories uptime, distance and avarage speed.

1.8   mousebuttons

Mousebutton window:

Here you can see how often you have pressed the buttons of your mouse.

For each of Last, Today and Total you have also an average value in klicks/hour.

1.9 buttonhighscores

```
Button Records:
---------------
```

This table shows the three best and the three worst scores you have achieved with your three mousebuttons.

1.10 calibration

```
Calibration:
------------
```

Select "Calibration..." in the MousoMenu.

A window will ask you to hold down your left button. Then move your mouse exactly 10 cm horizontal on your mousepad (not on the monitor) still holding the button. After that release it. MousoMeter now tells you the new calibration-factor. If you press the RESET-button in the requester MousoMeter will set back all counters. If you select OK only the new faktor is stored without reset of counters.

After that select "Save Prefs" in the MousoMenu to save the calibration-faktor into the .info-file.

1.11 shortcuts

```
Shortcuts:
----------

right AMIGA + Q -> Quit
right AMIGA + H -> Hide (Iconify)

right AMIGA + A -> About
right AMIGA + S -> Highscores
right AMIGA + B -> Mousebuttons
right AMIGA + R -> Mousebutton records
```

1.12 future

```
Future & Authors:
-----------------
```

If you speek a language which is not supported and you will make a translation file for us, write to one of the addresses below.

To make a translation file, you must take the MousoMeter_empty.ct file
and translate all the english sentences in your language. The english
definition is always commented with a ";" below stands the alias for
the C-Code. And below is a empty line. There you must write your
translation. Take a look at the german .ct file for example. You also
have to take care about some limits! Take the MousoMeter.cd file and look
at the parts looking like (?/?/?). If it is (//) there're no limits!
The format is exactly (string_id/min_chars/max_chars). String_id is
not very important for you, but you have to take care about the other
two values! Also take care about the list headers!
If there are default lines like "o\0Ok", you must also generate a line
in this format! The first character is the Hotkey of this button
(the underlined character) The "\0" is very important to split
the hotkey from the Button text!

When you have translated the .ct file into your language call it
MousoMeter.ct.(your language) (eg. MousoMeter.ct.sweden) and send it
to one of the authors (per email or normal mail)

The authors:

Wolfgang Breyha   email to: h8706496@obelix.wu-wien.ac.at
Großer Ring 42   IRC-Nick: MASH
1130 WIEN
Österreich

Michael Matzl
Maurer-Langegasse 57/1/4
1238 WIEN
Österreich

advertisments:

If you like Mousometer try to get the other projects of the authors!!

D.E.R. ST-Player (STP) © Wolfgang Breyha
    A Soundtracker-Moduleplayer with a GUI like a real CD-Player.
    Many features like nonstop playing, random, programmable.

Plot 3D © Michael Matzl
    A very good 3D function-plotter with Kick 2.0 GUI.

coming soon:

.....Meter:
    ask Markus Illenseer (IRC Nick: Ill) He asked me about it in Köln.

1.13 thanks

Thanks to:

                    Reinhardt Franz(Killersoft), Dieter Henkel, Peter Scherbaum

                    for beta-testing, bugreports, good ideas and very good friendship.

                    following MousoMeter-Fans, which have sent Mail:
                    (sorted by date of first mail)
                    Michael Thiel   , Deutschland, 16 Sep 93 14:43
                    Christian Carlsson, Schweden   , 16 Sep 93 20:44
                    Stefano Peruzzi   , Italien   , 2 Jun 94 22:02
        Tetsuo   , Finnland   , 13 Aug 94 12:58

                    to all people sending me standard mail
                    Tobias Ferber   , Deutschland
                    Bernd Schäfer   , Deutschland
                    Kristoffer Larsson, Schweden
                    Michael Petrikowski, Deutschland, (Amiga Szene PD)

                    to all guys I have met in Köln giving me power for
                    new MousoMeter versions (special thanks to Markus
                    Ill Illenseer) and to start the next ?Meter project.

                    to all of you sending me bugreports, ideas, funny mails,
                    money for a Schnitzel or other gifts.

                    Special thanks to Stefan Stunz, the father of MUI. I hope
                    for all AMIGA-Fans that MUI is the standart of the future.

                    to VillageTronic for the Picasso II.

                    to F.G.T.H for all their Maxi-Singles.

                    to Citroen for the 2CV, my current car.

                    to Robert Altman for MASH, the best film ever in cinema.

                    to mom and dad for .....

                                                //
                    Commodore for development of the \X/AMIGA.

                    and never forget: Intel outside!!

1.14 history

```
/* $Revision Header built automatically *************** (do not edit) ************
**
** © Copyright by Modern Art Soft Hietzing
**
** File             : MUIMouso.c
** Created on        : Saturday, 03.07.93 18:37:57
** Created by        : Wolfgang Breyha & Michael Matzl
** Current revision  : V3.12
**
**
** Purpose
```

```
** -------
**   - Commoditiy for meassuring mouse-movement in kilometers
**
** Revision V3.12
** -------------
** created on Thursday, 15.09.94 12:32:14  by  W.Breyha & M.Matzl.   LogMessage :
**   - MousoMeter uniconfies now if a requester is coming up
**     Bug in Save Prefs corrected; Sourceupdate to MUI 2.2
**     Italian catalog included
**
** Revision V3.11
** -------------
** created on Tuesday, 24.05.94 22:48:21  by  W.Breyha & M.Matzl.   LogMessage :
**   - About-Window fixed for non-laced WB
**
** Revision V3.10
** -------------
** created on Wednesday, 02.03.94 00:34:56  by  Wolfgang BREYHA.   LogMessage :
**  -*-  changed on Tuesday, 08.03.94 21:49:48  by  Wolfgang BREYHA.   LogMessage ←
   :
**   - Bug in loadroutine removed (date of first use of 3.09
**     was not stored correctly!)
**  -*-  created on Wednesday, 02.03.94 00:34:56  by  Wolfgang BREYHA.   ←
   LogMessage :
**   - All EasyStruct Requesters changed to MUI Requesters
**
** Revision V3.09
** -------------
** created on Monday, 28.02.94 01:01:42  by  W.Breyha & M.Matzl.   LogMessage :
**  -*-  changed on Monday, 28.02.94 11:29:06  by  Wolfgang BREYHA.   LogMessage :
**   - Ignore button in both checkdate requesters now.
**     Minor bug in button window removed (no timeupdate)
**  -*-  created on Monday, 28.02.94 01:01:42  by  W.Breyha & M.Matzl.   ←
   LogMessage :
**   - Problem with average button values fixed (time of 1st usage
**     of buttons saved)
**
** Revision V3.08
** -------------
** created on Thursday, 17.02.94 12:29:23  by  Wolfgang BREYHA.   LogMessage :
**  -*-  changed on Sunday, 20.02.94 23:48:49  by  Wolfgang BREYHA.   LogMessage :
**   - Bug in Resethandler removed (only IORequest not IOStdReq
**     allocated); code for Helpfile-detection removed since MUI
**     does it itself;
**  -*-  created on Thursday, 17.02.94 12:29:23  by  Wolfgang BREYHA.   LogMessage ←
   :
**   - Button-Highscores included
**
** Revision V3.07
** -------------
** created on Tuesday, 15.02.94 12:55:11  by  Wolfgang BREYHA.   LogMessage :
**   - Timerrequest changed; new day recognized exactly at 24h now
**     Resethandler added
**
** Revision V3.06
** -------------
** created on Monday, 14.02.94 20:45:20  by  W.Breyha & M.Matzl.   LogMessage :
```

```
**    - CX_PRIORITY is supported now
**      Mousebutton-Statistic added
**      Last values added
**      helpfile location localized
**
** Revision V3.05
** --------------
** created on Sunday, 13.02.94 23:17:25  by  Wolfgang Breyha.   LogMessage :
**    - localized
**      Ok shortcut in About and HighScore Window enabled
**      Save Prefs enabled (don't know why it was disabled ;-)
**      Activate, Disable corrected (no timeupdate)
**
** Revision V3.04
** --------------
** created on Sunday, 30.01.94 16:54:16  by  Michael Matzl.   LogMessage :
**    - Online help included
**      History in documentation included
**
** Revision V3.03
** --------------
** created on Wednesday, 19.01.94 00:13:10  by  W.Breyha & M.Matzl.   LogMessage :
**  -*-  changed on Thursday, 20.01.94 16:56:49  by  Wolfgang BREYHA.   LogMessage ←
    :
**    - cosmetic sourcechanges, date-check improved
**      MM uses now .info-file as iconify-icon
**  -*-  created on Wednesday, 19.01.94 00:13:10  by  W.Breyha & M.Matzl.    ←
   LogMessage :
**    - Systemdate-check included
**
** Revision V3.02
** --------------
** created on Sunday, 07.11.93 20:32:23  by  Michael Matzl.   LogMessage :
**    - Window-Activation at startup disabled
**      save every time at startup
**
** Revision V3.01
** --------------
** created on Friday, 17.09.93 20:47:03  by  Michael Matzl.   LogMessage :
**    - (In)active signals from Exchange activated:)
**      Cosmetic changes in About Window
**      Iconfiy Image included
**      some bugfixes
**
** Revision V3.00
** --------------
** created on Monday, 06.09.93 01:30:00  by  Wolfgang BREYHA.   LogMessage :
**    - Totaly new version using the brand new MUI from Stefan Stunz
**
** Revision V2.01
** --------------
** created on Saturday, 04.09.93 13:44:12  by  Wolfgang BREYHA.   LogMessage :
**    - Bug in highscoretable removed
**
** Revision V2.00
** --------------
** created on Wednesday, 01.09.93 15:27:35  by  Wolfgang BREYHA.   LogMessage :
```

```
**    - Autosave to .info-file for calibration, window x,y
**      Measures uptime too now. Aboutrequester changed.
**      Highscorelist included. Timer.device for newday-check.
**      Removed many bugs
**
** Revision V1.10
** --------------
** created on Wednesday, 25.08.93 00:09:20  by  Michael Matzl.   LogMessage :
**    - Inputhandler add
**
** Revision V1.02
** --------------
** created on Wednesday, 14.07.93 21:38:32  by  Michael Matzl & Wolfgang Breyha.  ←
     LogMessage :
**    - Added Calibration-routine
**      didn't save kilometers when window hidden
**
** Revision V1.01
** --------------
** created on Wednesday, 07.07.93 17:04:48  by  Michael Matzl.   LogMessage :
**  -*-  changed on Thursday, 08.07.93 00:37:01  by  Michael Matzl.   LogMessage :
**    - Enforcer-Hit fixed
**  -*-  created on Wednesday, 07.07.93 17:04:48  by  Michael Matzl.   LogMessage ←
   :
**    - Bug fixed in CalcKM-routine (y-axis not considered)
**      click on close-gadget hides window
**      saved 0 km when started again
**      menu added
**
** Revision V1.00
** --------------
** created on Saturday, 03.07.93 18:37:57  by  W.Breyha & M.Matzl.   LogMessage :
**      --- Initial release ---
**
*************************************************************************************/
```