EClock

	COLLABORATORS		
	TITLE : EClock		

ACTION	*NAME*	*DATE*	*SIGNATURE*
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NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

EClock

1.1 EClock.guide

EClock

Version 1.00 from 22.05.94

Upgrade of Clock V2.2 (totally rewritten)

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1.2 EClock.guide/What is EClock?

```
What is EClock?
***************
```

EClock is a Clock-prog (what else :-)) which can be started from the
CLI as well as from the Workbench. It's not extraordinary but it
includes some usefull features: EClock is able to pop up on the
momentary screen automatically, you can choose as many alert times as
you like ...

Why have I renamed Clock v2.2 into EClock?

Clock started as a little assembler program with a source code length of
about 4KB. Because many improvements were sent to me I included most of
them in this source to please your needs :-). But then suddenly I
reached a point from that on I was searching longer for where to insert
the improvement than coding that feature. (1) That's why I decided to
completely recode Clock, and change the name.

Because I had to learn Modula II at my university I bought a compiler
for my Amiga. I liked it so much that I decided to write the new EClock
in Modula II, to make it easier to include new features and remove bugs
...

The key-file for registered Clock users is of course the same one as
the one for registered EClock users. That means all registered (See
Registration) Clock Users can use EClock without that requester going
on your nerves, when you start EClock.

---------- Footnotes ----------

(1) Among programers known as spaghetti code :-)

1.3 EClock.guide/Differences Clock-EClock

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Differences Clock/EClock
************************
```

  *   There are two modi of EClock:

       -       UsePublicScreens only (See EClockPrefs)   (use only
         PublicScreens to appear on) and therefore is mostly system
         conform.

       -       UseEveryScreen (uses every screen to appear on) is not
         as system conform,   but perhaps you want to have a clock
         that appears also on screens like   DPaint, PPaint ...

* EClock now consists of three parts.

    – EClock, the main program (See EClock), that is active
      the hole time.

    – EClockPrefs, the configuration program (See EClockPrefs).

    – And ERequester (See ERequester), that is started,
      whenever   you wish an alert requester to appear.

  This division was made, because you don't often have to use the
  configuration program   and therefore don't have to waste the
  memory for this part of EClock.

* EClock has no limitation of the number of alert times.
  (See timer-prefs).   They are depending only of the amount of
  memory you have and from the amount   of processor time you want
  EClock to give for handling the alert times.

* EClock supports wildcards. That means you can use e.g.
  "??:00:00#?"   for   an hourly alert or
  "(??:00:00#?|??:30:00#?)"   for an half hourly alert.

* EClock is now also able to start an alert at a special date or
  day.   Wirldcards are of course supported so that you can e.g.
  enter   "(Thu#?|Fr#?)" for Thursday and Friday. (Be carefull
  this is localized)

* EClock will replace the following 3 characters in the
  requester text:

 \
      This character will be changed to a return, so that a new
      line is   started in the requester window. Now you are able
      to create nicer   looking requesters with as many lines as
      you like :-).

 %t
      This character will be replaced by the time the requester is
      started.

 %d
      This character will be replaced by the date the requester is
      started.

* Now, you can define as many screens, as you like to open
  EClock on.   (See screen-prefs).   You can select the x- and
  y-position ... where EClock should open its   window on that
  screen. EClock will always prefer screens, that are placed above
   other ones in the listview gadget.

1.4 EClock.guide/Installation

```
Installation
************
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At first you have to copy the file ERequester somewhere, where it can
be found by the system (be sure you added it in the path list), but you
should prefer the "c:" directory. You need this file to use the
requester feature of EClock.

Now you should copy the EClock program (and its icon) in the
"SYS:WBStartup" drawer or somewhere else, but then you have to start it
by hand in the "S:User-Startup" sequence. This is the main program of
the EClock package.

Then you should copy EClockPrefs (and its icon) in the "SYS:Prefs"
drawer, because EClock searches for it in that drawer.

If you have installed the locale.library (WB2.1+) and you want to
install the german catalog file (Sorry I have nobody, who translates my
catalog file in other languages than english and german, so if you
would do that and sent it to me you will get the newest registered
version of EClock from me for free!) you have to copy the file
"EClPrefs.catalog" to "locale:Catalogs/Deutsch".

Now you have to run EClockPrefs and save a configuration, because
EClock needs a proper one to start, otherwise EClock will inform you,
that it couldn't find the prefs file "env:EClock.config" ...

Now you can start EClock and admire it :-)

Or just use the installation script ...

1.5 EClock.guide/Program explanations

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Program explanations
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```
  EClock
  EClockPrefs
  ERequester
```

1.6 EClock.guide/EClock

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EClock
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```
  EClock menu
  EClock window
```

```
   EClock shell startup
```

1.7   EClock.guide/EClock menu

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EClock menu
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```

The menu of the EClock main program consists of the following parts:

```
Change Prefs
     Starts the program "SYS:Prefs/EClockPrefs"

Change Colors
     starts the reqtools color requester on the screen EClock     is
     currently on. But you have to be aware that EClock is not
     running as long as you close the requester again, so that no
     alert can be recognized when you don't close the requester ...

About
     starts the program ERequester and shows my address ...

Quit
     What do you think that will do? :-)
```

1.8   EClock.guide/EClock window

```
EClock window
-------------
```

There are two possiblilties to control EClock:

```
The zoom gadget
     If you click on that gadget EClock will immediately disappear from
       the screen it currently is on and will never appear on it
     again.       But there is only one screen (by address) saved on
     which EClock     should not appear, so if you want to bring EClock
     back to the      screen you once pressed the zoom gadget on, you
     only have to      press that gadget on another screen, so that
     EClock can      disapear from that screen and so on ...

     This gadget was designed for you to close public screens EClock has
       its window open on at the moment.

Close gadget
     What do you think that will do? :-)
```

1.9   EClock.guide/EClock shell startup

```
EClock shell startup
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```

To start EClock with another config file EClock supports a   CLI
argument.

```
        e.g. "EClock ENV:EClock.config"
```

1.10 EClock.guide/EClockPrefs

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EClockPrefs
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```
  EClockPrefs main window
  EClockPrefs screen window
  EClockPrefs timer window
  EClockPrefs shell startup
```

1.11 EClock.guide/EClockPrefs main window

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EClockPrefs main window
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```
  Main window menus
  Main window gadgets
```

1.12 EClock.guide/Main window menus

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Main window menus
.................
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The EClockPrefs main window consists of the following parts:

Open...
     With this menu item you can load another config file.   An
     ASL-Requester will be started for you to select the config file
          to load.

Save As...
     With this menu item you can save the config file with another
     filename.   An ASL-Requester will be started for you to
     select the config file   to save.

About

```
     My address ...  is shown in a requester.

Quit
     What do you think that will do? :-)
```

1.13 EClock.guide/Main window gadgets

```
Main window gadgets
...................

The gadgets in the EClockPrefs main window consist of the following 4
parts:
Global Settings
    German Time
          Activates the 24 hour mode.

    Long Day String...
          Activates the full day names, otherwise 2 letters.

    Date with "."
          Activates the date division by ".", otherwise by "-".

    Use Only PubScreens
          Activates a system conform way to handle screens.
          But this means, EClock is only able to appear on public
          screens.

    Priority
          Here you can select the task priority EClock should run with.
                    If you want to use the alert feature try a
          priority of 6 to 1.

Screen Prefs
    Listview
          Doubble clicking on one element of the List will activate
              the EClockPrefs screen window            (See
          Screen window).

          The higher an entry is located in the list the earlier
             it is compared to the screen names and if one screen name
                    matches the the first pattern it will appear on it
          without            checking the other entries.

    ADD
          Adding a new entry to the list. (Will always be appended at
          the            end of the list.)

    DEL
          Deletes a selected entry.

    UP
          The activated entry will step one place up in the list.

    DOWN
```

                    The activated entry will step one place down in the list.

TimerPrefs
    Listview
            Doubble clicking on one element of the list will activate
                    the EClockPrefs screen window   (See
            Timer window).

        ADD
            Adding a new entry to the list. (Will always be appended at
            the   end of the list.)

        DEL
            Deletes a selected entry.

        UP
            The activated entry will step one place up in the list.

        DOWN
            The activated entry will step one place down in the list.

Actions
    SAVE
            Saves the file EClock.config in the ENV: and ENVARC:
             drawer. If a config file was given at the start of
            EClockPrefs or   if you selected a config file with
            the menu item "Open..."   then the config file is
            only saved under that name.

        USE
            Saves the file EClock.config in the ENV: drawer.
            If a config file was given at the start of EClockPrefs or
                    if you selected a config file with the menu item
            "Open..."   then the config file is saved under that
            name.

        CANCEL
            Cancels the made changes without saving (the same as the close
                    gadget).

1.14 EClock.guide/EClockPrefs screen window

EClockPrefs screen window

Screen pattern
    Here you can enter a pattern with wildcards (#? ...)   (It
    is not case sensitiv). If the pattern matches with the
    momentary screen then EClock will appear on it.

    You have to remember, that the list is scanned from the 1. entry
            in the list and the first matching entry will be used.

XPOS

Here you can select the x-position, where EClock should
open its window on the "Screen pattern" screen(s).

YPOS
Here you can select the y-position, where EClock should
open its window on the "Screen pattern" screen(s).

Show Date
Activates the date display in the EClock window on that screen.

Show memory
Activates the memory display in the EClock window on that screen.

OK
Will copy changes to the list.

CANCEL
Cancels the made changes (the same as the close gadget).

1.15 EClock.guide/EClockPrefs timer window

EClockPrefs timer window

Weekly
If this gadget is activated then it will not be compared the
datestring   for matching to an alert, but the daystring
will be used.   Thats why it is possible to start an alert
at special days (every week)   and not only on special
dates. (e.g. "(Th#?|Fr#?)" as "Date Pattern")

Date Pattern
Here you can enter a pattern with wildcards (#? ...)   (It
is not case sensitiv). If the pattern matches with the
actual date and the "Time Pattern" matches then EClock
will start an alert.

e.g. "Th#?" + activated "Weekly" =>   only on Thursdays
something happens.

Time Pattern
Here you can enter a pattern with wildcards (#? ...)   (It
is not case sensitiv). If the pattern matches with the
actual time and the "Date Pattern" matches then EClock
will start an alert.

German
e.g. "#?:00:00" => every full hour an alert is started.

English
e.g. "(#?:30:00#?|#?:00:00#?)" => every half hour an alert
is started.   The "#?" after "#?:30:00" and
"#?:00:00" is important because   an english time will
end with "PM" or "AM".

Req
     Activates a requester, that is started every time an alert
     occurs. This requester will be created by the program
     ERequester, that is started at an alert with the
     arguments selected in "Req. Text".

Req. Text
     Here you can enter the text you want to appear in the
     requester. The ASCII code 254 is not allowed   and will be
     filtered out in all string gadgets.

     The character "\" is used for a linefeed. You can
     therefore create nicer looking requesters as you could with
      Clock 2.2. The requester is startet always on the momentary
        public screen, or if no one is in front it will use the
      Workbench.

File
     Activates a program, that is started when an alert occurs.
      (it will be started with "RUN <NIL: >NIL:")

     If this gadget is activated the program, with the name
     selected in the "Filename" gadget, will be started.

Filename
     Here you can enter the filename with arguments, that is
     started on an alert.

G
     Opens an ASL-filerequester to select the program in the
     "Filename" gadget.

DisplayBeep
     Activates a DisplayBeep on an alert.

OK
     Will copy changes to the list.

CANCEL
     Cancels the made changes (the same as the close gadget).

1.16   EClock.guide/EClockPrefs shell startup

EClockPrefs shell startup

You can start EClockPrefs with an argument (the config file name).
(This is used by EClock if it starts EClockPrefs by menu)

1.17   EClock.guide/ERequester

```
ERequester
==========
```

ERequester is a little program that shows a requester on the visible
public screen or, if no one is in front, on the Workbench.

The text shown in the requester is given to ERequester by a CLI
argument at   the start.

The character "\" will be converted to a return, to be able to create
requesters with several lines.

        e.g. 'ERequester "Hello it is very late now\:-)"'

1.18   EClock.guide/Registration

```
Registration
************
```

If you use EClock longer than 1 week you have to register. Then you will
 either get a key-file via Fido or Z-Net, or a disc with the new EClock
 Version, key-file and a few little bonus programs.

For interested persons, I will include the source code of Clock v2.3.
If they can't stand the new EClock, they can edit Clock and fullfill
their needs with that new program. But you then have to send   me a
copy of that program for free (and every new version) if you   pass
your version on (in any way). My name and address have to be left in
that   modified versions, but you are free to add your name ...

If you´ve got the key-file the info window will not be shown anymore
in the beginning.   The key-file will also be usable (who knows; see
keyfilemaker for   LHA ...) with later versions of EClock so I think
it is affordable   for everyone. If you then get a new EClock Version
via Net or PD disc   you can use it without any windows or requesters
going on your nerves.   In the key-file your name and address are
saved, so that I can quickly   say from whom this file is. So don´t
pass-on this key-file, because it   is not allowed!

For the costs of registration see the included registration form.
(please only use this form)

The newest EClock Version will be put in the "Avalon Magic" Mailbox
where you can easily get it from like this:

As username you type "SAUGER" then you type   "CD /SAUGER/AMIGA" and
with "INH *" you can take a look at the files   that are in that area.
To download the newest EClock version   you just type "LE xx" (where xx
= is the number of EClock in the filelist).

                The telefon number of the AMC:

```
              1200 - 14400 Bps HST V32 V32bis V42 V42bis

                   Tel: +49-(0)89-3130290  24h Online
```

If you are a registered Clock or EClock user you can also get a new
version, if you sent me a letter with a disc and enough money for the
stamps to sent the disc back to you.

1.19 EClock.guide/Remarks

```
Remarks
*******
```

If you have suggestions or improvement proposals ... I can be reached
by email:

```
Zerberus-Net:
     EMBO@AMC.insider.sub.de      (or EMBO@NATHAN.gun.de)

or Fidonet:
     Bernd Grunwald of 2:2480/3508.100

if nothing else works (1) also InterNet:
     embo@eikon.e-technik.tu-muenchen.de

                  Have fun with that program!
                     Flames => NIL:
```
If the program doesn't work as its name promises, please send
 me your equipment-list (computer, kick-version, workbench,
startup-sequence)! Don't forget a detailed error report! ...
Many thanx to:
```
     Toni Günzel Peltner (WEGAR@AMC.insider.sub.de) for betatesting
     and for the     SUPER progam TheAnswer III !!

     Holgi (H_LEVSEN@BINGO.zer.sub.org)

     Peter Fröhlich (P.FROEHLICH@AMC.insider.sub.de)

     Thomas Strauß  (THOMAS_STRAUSS@SAARAG.zer.sub.org)

     Stefan Brandes and all other people, computers, coffee-cups
     (I hate coffee :-) ) ...
```

---------- Footnotes ----------

(1) that can last a long time, because I am not very often at my
University to read mails ...

1.20 EClock.guide/History

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History
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```
Nothing yet :-)
```

1.21 EClock.guide/Tips & hints

```
Tips & hints
************
```

1.22 EClock.guide/Index

```
Index
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