

DClock

COLLABORATORS

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WRITTEN BY		July 22, 2024	

REVISION HISTORY

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Chapter 1

DClock

1.1 DClock - The guide

DClock V1.6 - The ultimate, menu driven Workbench-Clock

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1.2 DClock - The Introduction

Introduction

DClock is a digital clock program for the Amiga.
Features include:

- DClock has it's own small window which can be placed anywhere on the Workbench or any other public screen.
- DClock comes with a completely menu-driven GUI. No commandline options are necessary (but they are nevertheless possible. See Tooltypes).
- Timer and alarm clock function with the ability to run user-defined Shell commands (including ARexx-scripts if you use the RX command, and Shell-scripts

- with the Execute command).
- Date function
- Fore- and background colors of the window are user-defineable.
- All settings can be saved and will automatically be loaded upon startup. This includes the position of the DClock window, the colors, and the settings of the alarm clock.
- Iconify function

1.3 DClock - The installation

Requirements and Installation

DClock makes use of the `reqtools.library`, which is not part of this distribution. It is available on Aminet or on the Amiga software library (fish) disks. Thanks to Nico Francois for his great product.

You need Kickstart 2.04+ to be able to run DClock. If DClock immediately returns after startup, check whether you have

- Kickstart V37+
- `reqtools.library` V38+
- a public screen called 'Workbench'
- enough free memory

Installation is very simple: Simply drag the DClock icon to the WBStartup drawer of your system partition/disk or to any other drawer, if you don't want DClock to be started automatically after booting.

1.4 DClock - The magic menus

DClock Menus

While the DClock window is active, you can select the following menu items:

DClock menu:

- Seconds (toggle) : Display seconds on/off
- 24H (toggle) : Toggle between 24 hour mode or 12 hour AM/PM mode, and, if Date is on, between DD.MM.YYYY and MM.DD.YYYY

Date (toggle) : Turn date on/off

dd-mm-yyyy : Select date format: DD-MM-YYYY
(toggle) or MM-DD-YYYY

Alarm on (toggle): Turn alarm function on/off

Timer on (toggle): Turn timer function on/off

Set alarm clock : Set the alarm time

Set timer : Set the timer

Alarm command : Enter a Shell-command which will be
executed when the alarm went off.
RUN your command if it takes longer
and you don't want to block out the GUI.

Timer command : dito for the timer.

Save Preferences : Save all the settings to
ENVARC:DClock.prefs

About... : Information about The Author

Quit : Call the Terminator

Window menu:

Foreground Color : Set the foreground (text) color

Background Color : Set the background color (who would
have guessed...)

Dragbar (toggle) : Turn the window dragbar and title on
and off. The state of the checkmark
will be saved in the preferences file.

Activate (toggle): Activate DClock window after startup/
reopen.

Iconify : Iconify the DClock window and unlock the
public screen DClock is running on. This
allows you to change the screenmode of
your Workbench screen without quitting
DClock.

When you select 'Save Preferences' from the Project menu, the state of the alarm clock will be saved, too. The alarm will then be automatically turned on after startup (if it was on when you saved the prefs, off course). I e.g. set the alarm to 1.00 AM, switched it on and selected 'Save preferences'. I now get reminded every day that it's time to go to bed without having to set the alarm again and again.

1.5 DClock - The tooltypes

Tooltypes

Well, as for now there are only two of them:

DONOTWAIT

You need this if you put DClock into the WBStartup drawer so that Workbench doesn't wait for DClock to return

PUBSCREEN=name

The name of an open public screen you want DClock to pop up on. If the specified screen is not open or if it can't be locked for any reason, the Workbench screen is used instead.

You can enter this as argument on the commandline of your shell:

DClock PUBSCREEN=Gaga_Screen

1.6 DClock - The legal stuff

Legal section

DClock V1.6 (c) 1994/1995 by Karl Lukas.

This program is Freely Distributable, as opposed to Public Domain. Permission is given to freely distribute this program provided no fee is charged, and this documentation file is included with the archive. All rights reserved.

From version 1.6 on the source code is part of the distribution. You may change DClock according to your needs without permission. If you plan to release your work publicly, however, you have to respect the following points:

- o Give it another name
 - o Your documentation must have the following statement in the beginning:
"... is based on DClockxx, (c) 1995 by Karl Lukas"
 - o You must provide a history file which documents all the changings you made to the original code.
 - o Your must make your code available to me upon request.
 - o Your About-requester must mention my name (something like: ... written by Karl Lukas and ...).
-

- o You must not claim any copyright on any parts of my code.
- o You must release it as FREEWARE.

1.7 DClock - The author

Info about the author

Send bug reports, compliments and such to

kalle@gis.geogr.unizh.ch

(This account will probably close down soon)

Send postcards, money and other gifts to

Karl Lukas
Hinterzweienstr. 91
CH-4132 MuttENZ
Switzerland

Send threatening letters, letter bombs a.s.o. to

NIL:

1.8 DClock - The story

History

V1.0 Apr 1994 o Initial release

V1.1 Jun 1994 o DClock now runs three independent tasks:

- User interface (DClock)
- Updating of the DClock window, timer etc. (DClockTask)
- display information when alarm went off or timer is finished (DClockInfo).

Advantage: Clock and timer won't be stopped temporarily while a window/requester is open. You can get informed now when the timer/alarm went off while a window/requester is open.

- o Bug: The alarm and timer symbols were drawn with incorrect offsets, so that the display got messed if big screen fonts were used.
- o The settings are now stored in ENVARC:DClock.prefs
You can copy your old DClock.prefs file from S: to

ENVARC: if you want to use your old settings.

- V1.2 Nov 1994
- o You can now enter a Shell command, which will be executed when the alarm or the timer went off. The command can be saved to the preferences file. If you don't want to execute a command, just enter an empty string.
 - o The current time is now displayed with two digits in the alarm/timer requester (i.e. 18:08:12 instead of 18:8:12). Hey, there is an ANSI function for this. Why didn't anybody tell me? ;)
 - o You can now turn the titlebar and dragbar off with the menu option "Dragbar". Off course you cannot move the window anymore when the dragbar is turned off. You can save the state of the "Dragbar" menu item to the preferences. THIS ONLY TAKES EFFECT WHEN YOU QUIT AND START DCLOCK AGAIN.
- V1.3 Nov 1994
- o OK, the dragbar switching was not very elegant. Now you can turn the dragbar on and off without leaving the program.
 - o Got rid of the 'Snapshot position' menu item. Now 'Save preferences' saves the current position, too.
 - o I rearranged the menus to a somewhat more logical order.
 - o 'Alarm command' and 'Timer command' now use the SystemTagList() function. A console window is opened as stdin/stdout for the executed program, so you can actually see it's output if you started DClock from the Workbench. Nice, isn't it?
- V1.4 Dec 1994
- o 12 hour AM/PM mode added.
- V1.5 Dec 1994
- o (I should actually be preparing for my exams... :)
 - o Little bug fixed: You could deadlock DClock by immediately quitting it after startup (this was only theoretical as you had no chance to immediately quit DClock because the window was not activated).
 - o OS3.0+ users now get white menus.
 - o Date function added. If the 24H mode is active, the date is displayed as DD.MM.YYYY. Otherwise day and month are swapped (i.e. MM.DD.YYYY). I hope this suits your needs.
 - o New menu item 'Activate' added.
 - o New menu shortcuts added
- V1.6 Feb 1995
- o Pubscreens are now supported
-

- o New menu item: dd-mm-yyyy
You can now toggle the date and time formats independently.
- o Iconify function added
- o The source code is now part of the distribution
SEE 'LEGALITIES' BEFORE YOU USE IT!!!

1.9 DClock - The t-shirt

Just kidding ;)