digital

COLLABORATORS

	TITLE : digital		
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

digital

1.1   digital Documentation - Contents

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**********************************************************************
**                                                                  **
**                        digital 1.0                               **
**                                                                  **
**                     F R E E W A R E !                            **
**                                                                  **
**              A digital clock for the Amiga                       **
**                                                                  **
**           Copyright © 1996 Stephan Fuhrmann                      **
**                                                                  **
**********************************************************************

   Introduction                      Why digital?
   Copyright                         Most important information.
   System Requirements               Read this before usage.
   Usage                             How to use it.
   History                           What happened to this program.
   Author                            How to contact me.

   Bugs                              How to find and report bugs.

  Ich würde meinem Kind lieber Drogen geben als DOS.
  Scott McNealy, Gründer von SUN
```

1.2   digital Documentation - History

```
V 1.0 - (26 FEB 1996)

   Initial release
```

1.3   digital Documentation - How to report a bug

Best is to read this section before discovering a bug.

Don't panic. Many bugs are harmless, most are never discovered. Be
sure to save all projects in other applications before running software
that is suspected to be buggy.

Is it really a bug?

This is a serious question. In some circumstances, other software crashes
and it appears that this application has a bug. Try to reconstruct the
same situation where the error occured again without any 3rd party
software running.

Out of that, check out if you're really right with your expectations. If
the software crashes, it's propably a bug. But if the software does
something that you didn't expect, it could be that you're not using the
software in the means the author has specified. Carefully reread the
sections covering your problem in the user manual to verify your actions.

Gosh – it is a bug!

Now that you have found out that you have discovered a real bug,
try to find out in which situations it occurs. Does it depend on other
software running simultaneously to the application? Does it appear in
certain situations? Does it depend on your system hardware? Find this out
by running this software on other machines than yours or by removing
hardware components (only do this if you know what you're doing).

How to report a bug

First, you should report the versions of all software you're running when
getting the bug. Also, your complete hardware specifications are helpful.

Describe exactly what you have done to come to the situation where the bug
occurs. Preferences or tooltype settings are important, too. Try to do
step-by-step instructions how to get to the bug. The author must be
able to reconstruct the bug on his machine. What happens when the
bug occurs? Can you come up with a guru/software error number?

If you've been using software to find the bug, send it included with
the bug report.

If the bug only occurs in 'extreme' situations, try to find the point
where the software doesn't work correctly anymore.

Other material like hex-dumps, screen dumps etc. may be interesting, too.

If you have finished your bug report, finally send it to the
author of the software. While electronic mail is faster,
snail mail on paper has a higher 'consistence' and can be read while
the computer of the author is crashing. Have this in mind when choosing
between email and snail mail.

Finally, always include your physical and electronical mail adresses, even
if you send snail mail.

1.4   digital Documentation - Requirements

```
Hardware
Amiga, Motorola 68000 CPU or higher

Software
OS 2.0 or higher

diskfont.library
dos.library
exec.library
intuition.library
icon.library
graphics.library
gadtools.library
utility.library
```

1.5   digital Documentation - Copyright

```
digital is a nice litte program that acts like a digital chronometer.
Program code, documentation and icon design done by Stephan Fuhrmann.

digital may be included in Fred Fish's AmigaLib, on the AmiNet
and on Meeting Pearls.

IT IS STRICTLY PROHIBITED TO SELL THIS SOFTWARE AND/OR ASSOCIATED DATA ON MEDIA
OTHER THAN THOSE COMING DIRECTLY FROM THE SOURCES DESCRIBED ABOVE. THIRD
PARTIES NEED THE WRITTEN PERMISSION OF THE AUTHOR.

IT IS ALSO STRICTLY PROHIBITED TO USE AND/OR REUSE AND/OR ALTER PARTS
OR ROUTINES OF THE PROGRAM AND/OR ASSOCIATED DATA WITHOUT THE WRITTEN PERMISSION
OF THE AUTHOR.

If you don't understand or don't accept the contents of
this page, you're not allowed to run digital or store it on any
media in unpacked form. You must delete it NOW.
```

1.6   digital Documentation - Introduction

```
While I was searching for a chronometer worth running the whole time the
system is up, I had to see that there were no real time displayers out
there (since now :).

Some offered thousands of options, but the really interesting stuff was
missing (i.e. digital easily readable time display). Most did not allow free
font selection or window scaling / placement. Some hacked themselves into
the system to display the time in the screen's title bar. Since the
screen's title bar is the property of the screen's owner, I can't agree
with such strategies.

Well, digital satisfies all your needs (hopefully). It comes along
with a fast freely scalable and configurable GUI (which is *not* MUI, of course,
```

it's SCALAR), and does always display the true system time.
To beat the best, it only prints texts that have changed in its GUI, so
it is really nice to the system and doesn't hurt performance in doing
superfluous stuff.

digital was thought to be copied to your WBStartup-drawer and being
used permanently as your system's digital chronometer. Of course you can
include it in your User-Startup, too, but (de)installing it from the WBStartup
is much easier.

Created using SAS/C 6.56.

1.7   digital Documentation - Usage

digital can be used from Workbench and from the Shell, using the
same keywords.

```
1> digital PS=PUBSCREEN/K,PL=POPLEFT/N/K,PT=POPTOP/N/K,PW=POPWIDTH/N/K,
            PH=POPHEIGHT/N/K,FN=FONTNAME/K,FS=FONTSIZE/K/N,TP=TOOLPRI/K/N
```

Example: digital PS=Workbench POPLEFT=0 PT=10 PW=400 PH=200 FN=topaz.font FS=11

PUBSCREEN is the name of the public screen to open the window on.

POPLEFT, POPTOP, POPWIDTH and POPHEIGHT are the numeric initial position- and
sizing parameters to use when opening the window. Be careful with them. For
your pleasure, digital displays the current coordinates directly after
changing the position or size for a while. Please only use these coordinates
because digital does its internal window size calculation.

FONTNAME is the name of the font to use for the display. You can
use really every font here that makes sense. People who like big stuff may
want to use a scalable CompuGraphics (tm) font and size it to the maximum
height that will fit into the screen. People liking little stuff may choose
their favourite little designed font or could even make a little font on
their own. If you do this and want to share it with the rest of the world,
give it to me and I'll include it in one of the next releases of digital.

FONTSIZE is the numeric value of the height of the desired font.

TOOLPRI, the last parameter, is the numeric value of the task
priority of digital compared to other tasks in your system.
Zero is the default, but a higher value doesn't hurt performance because
digital doesn't need much CPU time, only once a second.

Using one of the font-parameters only makes sense when using the other one,
too.

The recommended way for configuring digital when running it form the WB
are tooltypes. Their usage and description are equal to those of the
Shell parameters. Check out the already set tooltypes and you'll know
how it works.

1.8 digital Documentation - Author

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