in

COLLABORATORS

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WRITTEN BY		April 14, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

in

1.1 Contents

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            Inyourface Disclaimer

 David McMinn accepts no responsibility and cannot be held liable for any
damage or loss of systems, or part of, or data, caused by, or the use of,
Viewfonts 2. The user accepts all responsibilty by using Viewfonts 2
and assumes the cost of all necessary service, repair or correction.

 The user uses Viewfonts 2 at their own risk.



            Viewfonts 2 (Font Manager)


          by David McMinn

        About Viewfonts

          Features

         Requirements

         Installation

       Setting Tooltypes

           Loading

        Using Viewfonts

          Using Help

        Bugs and Errors

        Credits / Thanks
        v2.02 19/11/98
```

1.2 About the author

David McMinn is a PhD student, at Robert Gordon Uni., Aberdeen.

Please read the
registration
section and contact me.

I can be contacted in the following ways:

e-mail:
d.mcminn@eee.rgu.ac.uk

1.3 About the program

Viewfonts is a program which allows the user to view fonts in ←
a drawer,
and copy selected fonts to another drawer or delete selected fonts.

Although it may not sound much, it is quite a useful program. I know
people who don't have a clue about fonts on their Amiga, because they
are beginners. Viewfonts takes out all the hassle of copying fonts,
with the added bonus that you can see what they look like, while you copy
them!

YOU MAY FREELY DISTRIBUTE THE PROGRAM ARCHIVE AS LONG AS NO CHANGES ARE
MADE TO IT.

For more about the features of the program, click
here
.

Viewfonts 2 took too long to write.
Viewfonts 2 is © David McMinn 1996-1998.

Truetype fonts are viewable thanks to the ttf.library (by Richard Griffith)
see the ttflib.lha archive available on Aminet. Truetype fonts will be able
to be managed (hopefully) in a later release, until now use the manager that
comes in the ttflib.lha archive (also has preview).

Postscript fonts will be viewable in a future release, thanks to the type1. ←
library
by Amish S. Dave, and also managed (hopefully), see the type1_5.lha archive on
Aminet. For Postscript fonts, use the manager / viewer that comes in the archive.

NB: In no way are these authors connected with Viewfonts and they should not be
pestered with any queries about Viewfonts. They simply have written two very ←
useful
libraries which enhance, not only Viewfonts, but any Amiga program which uses
the standard libraries for loading fonts.

History of Viewfonts 2
v2.02 - 19th November 1998{uu}
<Long delay thanks to uni and I've been trying to plan the next version

```
(so that it actually works well/properly).>
Added a basic CLI interface (see Loading section)
Removed bug not removing AppIcon
Removed bug crashing out during copy (damned copy command crashed if
source file didn't exist)
  Program now doesn't put up error message if already running, just
  displays previous instance


9th October 1998
Changed version number to 2.01
Tested programs with couple of cool libs (see above)
Updated documentation
Fixed a couple of non-life-threatening errors in the program
Released Blitz 2 source (viewfsrc.lha should be in dev/basic)

  August 1998
  Not actually released before, now it will be. Free. And the source.
  + Fixed sorting routine for size listview, now sorted properly.
  + Help menu items now all work.
  + Updated installer to install MWB icons
  + Guide now contains no incorrect information. I hope.

  v2.00 - 01/06/96
  First release of Viewfonts. Total re-think, and re-write.

  + Funky new resizable GUI.
  + Copy or delete selected fonts, not just view them
  + Faster (does not need to load all the fonts at once)
  + Bugs fixed (hopefully :)
  - Larger program size

  v1.12 - 03/04/96
  + Fixed some bugs
  - Still just as crap

  v1.11 - 26/03/96
  Decided that a program with as much potential should not go to waste
  (after four months of nothing)
  + Viewfonts now a commodity
  + Iconifies when not in use
  + Responds to Exchange messages
  - Still crap

  v1.00 - 05/12/95
  + First release (but not publically, just for test purposes)
  + View all the fonts in a drawer, in that font style
  - Crap
```

1.4   Registration and it's benefits

```
When you register you will recieve:

    A B S O L U T E L Y   N O T H I N G !

But thats because its free, you don't need to register and
```

pretty soon, you will be able to get the source to it as well
(once I've cleaned it up).

 All that I ask is that you drop me an email and tell me what
you think about it.

 Once the source is released (Blitz 2) it will probably appear
on Aminet in dev/basic. You'll be able to use the source in your
own programs, all that I ask is that you aknowledge me in your
documentation. Viewfonts 2 is still © David McMinn, so you
cannot recompile the entire code and pass it off as your own work.

1.5   Features of the program

                        Wow, that's amazing!

  * Shows (in font style) and deletes or copies selected fonts

  * Can be used as a commodity, controlled by Exchange

  * Tool type preferences

  * Supports up to 1000 selectable fonts with 1000 sizes

  * Support for Bitmap, CompuGraphic and Truetype fonts.
    See
            this
            .

  * Font sensitive, resizable GUI. If the default screen font changes
    while Viewfonts 2 is loaded, hiding the GUI then re-opening it
    will use the new font.

  * Remembers last window size / position between sessions

  * VERY basic CLI interface

For future versions
  Localisation
Text/Field colour
Font style
font/directory information
Proper CLI interface
AREXX interface
WB Argument interface
User enters own string
Colorfont colours handled
Mukltiple preview windows (GUI changed again):
  Need a listview showing what fonts are currently on preview,
  buttons for "Open new preview window", "close preview window",
  double click on list view to pop preview to the front.
  all sub windows controlled by a list, all follow the main
  window, all have their own gadgets for font colours/styles.

Fix any bugs:)

Let me know if I've missed anything out (most likely :).

1.6   Installation of Viewfonts 2

Simply double-click on the Install_VF2 icon. You will be prompted to
specify paths of where to install the program and online help file.

If you *really* want to install Viewfonts 2 manually, perform these
actions:
        Copy the program and icon to a directory of your choosing
        Copy the online help file and icon to the same directory
        Copy reqtools.library to LIBS:, if the current version is less than
        38.1210 (found out by typing version reqtools.library at the CLI).

1.7   System requirements

Viewfonts 2 requires :

   OS 2+

   Libraries (should be available in libs: drawer, all libraries are
   supplied with your original Workbench)

      bullet.library (required for Compugraphic fonts on WB3 only)
      commodities.library
      diskfont.library v37.58+ (On fonts disk on WB2)

   ttf.library v0.7+ if you want to view truetype fonts. Written by
   Richard Griffiths and available on Aminet as ttflib.lha.

   reqtools.library v38+ © Nico François is also required but will be
   installed by the install script if neccessary.

   a drawer of fonts ;)

1.8   Settings in tooltypes

                    The tool types on the program icon are a simple way of ←
                         governing how
   the program operates. These are listed below with an explanation and
   possible values.

   Tool Type   Decsription

   CX_POPUP   This determines whether the Viewfonts 2 window will open
                  when the program has loaded (YES) or whether Viewfonts 2
                  iconify (NO).
                  Default value is YES.

CX_HOTKEY   This is the key combination that you press when Viewfonts 2
                 has iconified to get the window to re-appear (or pop to
                 front, and use new screen if neccessary).
                 See also use as a
            commodity
            .
                 Default is 'ctrl lalt v'

DEST   This is the default path to the destination directory.
                 Default is 'SYS:OFFLINE'

SOURCE   The default path to the source directory, which contains
                 the fonts to view and manage.
                 Default is 'FONTS:'

PUBSCREEN   This is the public screen that Viewfonts 2 will attempt to
                 open it's windows on. Possible options are:
                   FRONT - Viewfonts 2 will open on the front-most public
                   Handy for when you want Viewfonts 2 to pop to the screen
                   currently being used.

                   <NAMED> - Where <NAMED> is the name of a public screen
                   (name is case sensitive).

                   DEFAULT - This open Viewfonts 2 on the default
                   public screen. This will most likely be the Workbench.

ICONIFY   Tells Viewfonts 2 where to iconify to. Possible values
                 are MENU or ICON. When set to menu, iconifying Viewfonts
                 2 will add an item to the Workbench 'Tools' menu. When
                 set to ICON, an icon will appear on the Workbench screen.
                 Default is MENU

    NOTE: If Viewfonts 2 has been loaded, then the tooltypes are changed,
    the new values will not take effect until you quit Viewfonts 2 then
    re-load it.

1.9 Loading Viewfonts

From WB :

    Double-click on the Viewfonts2 icon

From CLI :

    cd <dir>   RETURN where dir is the directory that Viewfonts2
                            is located
    run viewfonts2 RETURN

    Possible CLI arguments (remember this is a stop gap)
    First parameter MUST be either a font name or a path, i.e.
      viewfonts2 fonts: will use "fonts:" as the drawer to scan

      viewfonts2 fonts:blah.font will use "fonts:" as the drawer

and load blah.font if available

Second parameter is the font size, and should only be used when a font
name is specified, i.e.
 viewfonts2 fonts:genesis.font 37 will use "fonts:" as the drawer,
 genesis.font will be loaded if available, at size 37.

NB:I don't know what happens if you put silly parameters in, this
is just a temporary measure until the next version appears which will
have a proper CLI interface.

1.10 using

                The Viewfonts Window

  Clicking on the close gadget of the window will iconify the program to
 whatever was specified in the
              tool types
              .
  The program hotkey is shown in angled brackets in the title bar of the
 window, for when Viewfonts 2 is
              iconified
              .

 Pressing any of the underlined letters will activate that gadget.
 Pressing help will activate the online help, but this Guide file
must be in the same directory as the main program.

    The menus are shown below, then the Viewfonts 2 window.

 Project   Fonts   Help

                About   A

                Select all   S

                How to use help

                Hide   H

                Unselect all U
                     ~~~~~~~~~~~~~~~
~~~~~~~~
                Read drawer   R

                Contents

                Quit   Q

                Copy fonts   C

                Using Viewfonts

                Delete fonts D

```
                    +-+--------------------------------------------------+-+-+ ↩

        |o| Viewfonts 2 © David McMinn 1996 <ctrl alt v>|Ø|#|
        +-+--------------------------------------------------+-+-+
        |    Available Fonts   Sizes         Selected Fonts   | |
        |   +--------------+-+----+-+   +---------------+-+  | |
        |   |              |#|    |#|   |               |#| | |
        |   |              |#|    |#|   |               |#| | |
        |   |              |#|    |#|   |               |#| | |
        |   |              |#|    |#|   |               |#| | |
        |   |              |#|    |#|   |               |#| | |
        |   |              |#|    |#|   |               |#| | |
        |   |              |#|    |#|   |               |#| | |
        |   |              |#|    |#|   |               |#| | |
        |   |              |#|    |#|   |               |#| | |
        |   |              |^|    |^|   |               |^| | |
        |   |_____|v|____|v|   |_____|v| | |
        |
            Fontname

            Size

            Select current font
             | |
        |                                                     | |
        |   +-------------------------------------------+ | |
        |   |              FONT DISPLAY BOX             | | |
        |   |                                           | | |
        |   | 1234 AaBbCcDdEeFfGgHhIiJjKkLlMmNnOoPpQqRrSsTt | | |
        |   |                                           | | |
        |   +-------------------------------------------+ | |
        |                                                     | |
        | Source                                              | |
            Pathname

             [=]

              Delete fonts
             | |
        |                                                     | |
        |   Dest                                              | |
            Pathname

             [=]

              Copy fonts
             | |
        |                                                   |_|
        |                                                   |/|
```

1.11 How to use online help

   Pressing the Help key while the Viewfonts 2 window is active will
bring up this screen.

Pressing the Help key while on a menu item will bring up the help for
that menu, or menu item. (Pressing Help on any of the menu items in the
Help menu will bring up this screen.)

Or you can select one of the menu items from the help menu.

1.12   Very interesting...

This is a menu bar that intuition has drawn, so the menu items look
nicer and are spread out a bit. This menu item has no function!

1.13   Project->About menu option

This menu option puts up a couple of requesters giving some information
about the program.

Shortcut key : Right-Amiga ?

1.14   Project->Hide menu option

Selecting this menu option will hide the Viewfonts 2 window.

For a larger explanation of this, see {"use as a commodity" link commodity}.

Shortcut key : Right-Amiga H

1.15   Project->Quit menu option

If you choose this menu option, Viewfonts 2 will quit. The program will
end. Gone. Until it is re-loaded. Use this menu option to end a
session in Viewfonts 2.

Shortcut key : Right-Amiga Q

1.16   Fonts->Select all menu option

This menu item will cause all the available fonts to appear in the
selected fonts list. Handy if you want to do mass copying or deletion.

Shortcut key : Right-Amiga S

1.17   Fonts->Unselect all menu option

 This performs the opposite of the Select all menu item. The selected
fonts list is cleared.

     Shortcut key : Right-Amiga U

1.18   Fonts->Read drawer menu option

 Viewfonts 2 will automatically scan drawers for fonts, if the
directory requester gadget is pressed, or the path typed into the
string gadget and return pressed afterwards. The drawer is re-scanned
after deleting fonts, so the updated directory can be viewed.

 However, if you wish to force a directory scan, choose this menu item.

     Shortcut key : Right-Amiga R

1.19   Fonts->Copy fonts menu option

 This menu item performs the same operation as the 'Copy fonts' gadget
in the main window.
 All the selected fonts are copied from the source directory to the
destination directory.

     Shortcut key : Right-Amiga C

1.20   Fonts->Delete fonts menu option

 This meun item performs the same operation as the 'Delete fonts' gadget
in the main window.
 A requester will be shown asking you to confirm your action and then,
upon choosing Yes, all the selected fonts will be deleted.

     Shortcut key : Right-Amiga D

1.21   Available Fonts - listview + string gadget

                 The listview shows all the fonts that are available in the ←
                    drawer
specified in the
            Source string gadget
             with the currently displayed font
name being shown in the string gadget, under the listview.
 By clicking on any of these font names, a sample of that font will be
shown in the font display window. The font sizes on disk (if a bitmap font)
will be shown in the

```
            sizes listview
            . You can also type the name of the
font into the string gadget below the listview to view the font, but only
if it is in the list of fonts in that drawer.
```

  You can press the 'A' key to activate the font name string gadget.

1.22   Sizes - listview + integer gadget

  The listview shows all the available sizes of the currently displayed
font. No sizes will be shown for Compugrahpic fonts as they are scalable
and the size should be typed into the gadget under the listview. It is
also possible to type font sizes for bitmap fonts (although they do
become rather blocky).

  You can press the 'I' key to activate the font size integer gadget.

1.23   Selected fonts - listview + button

  This listview shows all the names of the fonts that have been selected.
These are the fonts that will be copied or deleted, once that options has
been taken. To select a font, click on the Select current font button,
or press the 'F' key.

  To de-select a font, click on the Select current font button or
press the 'F' key.

  There is also the option to select all the available fonts by selecting
the Fonts->Select all menu option. To de-select all the selected fonts,
choose the Fonts->Unselect all menu option.

1.24   Source - string and button

```
                The string gadget shows the current path to the available  ←
                  fonts. This
must be the full path to where the '.font' files are for the fonts you
wish to view are, e.g. FONTS:.
```

  To specify a new drawer, type the path in the string gadget and press
return. Alternatively, you could click on the small button to the
right of this string gadget. This will bring up a requester asking for you
to specify the path to the .font files. The new drawer will be scanned
for fonts once it has been entered.

  The default setting for this string gadget is specified by the
SOURCE
            tooltype
              .

  You can press the 'S' key to activate the string gadget.

1.25   Dest - string and button

                 The string gadget shows the path to where the selected fonts ←
                      will be copied
to.

 To specify a new destination directory, type the path in the string gagdget
and press return. Alternatively, you could click on the small
button to the right of this string gadget. This will bring up a requester ←
    asking for you
to specify the path to the destination.

 The default setting for this string gadget is specified by the
DEST
            tooltype
              .

 You can press the 'E' key to activate the string gadget.

1.26   Button

 By clicking on this gadget, all the selected fonts will be copied from the
source directory into the destination directory. If there are any problems
in copying the files, a requester will notify you.

 You can also press the 'C' key to copy the fonts, or use the
Fonts->Copy fonts menu option.

1.27   Button (part of Source or Dest)

 These gadgets simply display a path requester which allows you to select
a path, by browsing what is currently available, on disks.

1.28   Button

 By clicking on this button, you will delete all the selected fonts from
the source directory. These fonts will be DELETED, not moved!!
First a requester will be shown, asking you to confirm this action. Upon
selecting 'Yes', the fonts will be deleted. If you select 'No', nothing
will happen.

 You can also press the 'D' key to delete the selected fonts, or use the
Fonts->Delete fonts menu option.

1.29   Using Viewfonts as a commodity

```
   To hide Viewfonts 2, any of the following can be done:
       Select the Project->Hide menu option
       Click on the close gadget of the Viewfonts 2 window
       Click on 'Hide' in the Exhange program, with Viewfonts2 highlighted

    Once hidden, the Viewfonts 2 window will close, and one of the following
   will happen:
       An icon will appear on the Workbench screen
    OR a menu item will be attached to the Workbench Tools menu

    To show the Viewfonts 2 window once hidden, or to pop the window to
   the front and on the correct screen (if possible):
       Double-click on the Viewfonts2 icon on the Workbench
    OR Select the Viewfonts2 menu item in the Workbench Tools menu
       Press the hotkey combination (specified in tooltypes, shown in window)
       Click on 'Show' in the Exhange program, with Viewfonts2 highlighted

    At any time, it is possible to click on the 'Remove' button in the
   Exhange program, with Viewfonts2 highlighted, to quit from Viewfonts 2.
```

1.30   What to do in case of an emergency

```
                    If a Compugraphic font has both bitmap and CG parts, not both  ↩
                   will
be copied / deleted. Will be fixed in a later release.

 Truetype fonts can be viewed but not managed, will be fixed in
later release.

 Postscript fonts crash the program. Will be fixed in later release.

Read
            this
             .
Viewfonts 2.00 has been tested on the following systems:

  A500+ Unexpanded
  A500+ Extra 1Mb

  A1200 Unexpanded
  A1200 340Mb HD

  A1260@50MHz/34Mb RAM, 1.3Gb HD, 16x CD

 If, however, in the unlikely event that you do find an error or something
strange happening, send an explanation of what happened, and your system,
to me and I'll try to fix it.

 You may think that when running from disk, viewing a Compugraphic font
has an excessive number of disk swaps, the first time that the program
is run, but this is the way that the diskfont library works with CG fonts.
There will be far less disk swaps the next time you select a CG font.
```

1.31   Credits and Thank yous

```
Credits

  David McMinn     - Ideas, Design, Programming, Testing.

  Mark Tiffany     - Ideas, Re-sizable GUI code.

  Peter Traskalik - Ideas, Font sensitivity code, MWB icons.

Thanks to :

  Ralf Berkvens - Testing, Support.

  Eddy Carroll  - For making the SnoopDos3 source freely available,
                  which I learnt a lot from.

  and Mark Sibly for Blitz ][
```