ModePro

COLLABORATORS			
	TITLE : ModePro		
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WRITTEN BY		December 2, 2024	

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NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

ModePro

1.1   ModePro Manual

```
                        ModePro 2.2

                         08/03/94
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                     by  Michael Rivers


              For WB 3.x users and possibly WB 2.1


     A program to promote screen mode, make screens autoscroll, and
              give old screens the WB 2+ 3D look.


                           Intro
                        Instructions
                        --WARNING--
                          Details
                        My Address
                          History


             Sorry about the piss poor instructions in advance!
```

This software may be freely distributed as long as the following criteria
are met:
    1.   The following files must be included
            ModePro
            ModePro.Guide
    2.   No fee may be charged for this software, media fee not included so
         long as the media fee is reasonable
    3.   This software may not be included in any commercial software
         package without my written permission

This software is DonationWare. There is no charge for this program but
you are more than welcome to send me money (USA $ please).

Should any software house get ahold of this and is looking for a programmer
please contact me, I need a job.

1.2 Introduction

ModePro is an application specific screen "promoter" for WB 3.0 and above.
It was created because of some pathetic commercial software companies won't
get off their ass and bring their software up to date. It really pisses me
off to pay over $300 for software and not even be able select a decent
screen mode. So, until the software houses wake up and really update their
software, your stuck with this.

1.3 Instructions

Here are three ways to start ModePro:
  1. Double click its icon
  2. Type its name in at the shell prompt and hit enter
  3. Drop its icon in the WBstartup drawer and it will start
     on the next reboot.

Menus
ToolTypes

ModePro interface.

To bring up ModePros inferface use one of the following:
  1. Use the hotkey (default left-amiga p)
  2. Use the Commodities Exchange program
  3. Run the program again.

 This is a archaic representation of the interface:

```
[·][ModePro X.XX blaablaablaa -- Hotkey <hot key here>(see ToolTypes) ][ ]

1.[C| program names ]   7.o Use Program's Default        18.[Default Pens]
  -------------------    8.o Promote Monitor Type         --------------
  |                ||    9.o Promote Screen Mode          |            |
  |                ||   10.o Use Screen Mode Requester    |            |
  |       2.       ||   11.[    Select Screen Mode...  ]  |            |
  |                |6   12.[    Screen Mode Display     ]  |     19.    |
  |                ^|   13.Width:  [### ] 15.[/] AutoScoll |            |
  |                v|   14.Height: [### ] 16.[/] 3-D Look  |          ^
3.[  Name Gadget   ]|   17.Overscan: [C|  Text Size    ]   |          v
4.[  New ]5.[Remove ]                               20.[xxxxxxx][###] 21.
```

 1.Names Cycle Gadget   12.Screen Mode Display
 2.Promotion List   13.Width:
 3.Name Gadget   14.Height:
 4.New   15.AutoScoll
 5.Remove   16.3-D Look
 6.Priority Slider   17.Overscan
 7.Use Programs's Default   18.Default Pens
 8.Promote Monitor Type   19.Pen List
 9.Promote Screen Mode   20.Current Pen Name Display
10.Use Screen Mode Requester 21.Pen Value

```
11.Select Screen Mode...
```

```
                 if you can't figure out the correct program name or screen name
                 use one of the catch menus then run the problem program, its name  ←
                    will
                 be added to the appropriate list.
```

1.4 Programs/Screens cycle gadget

```
Programs/Screens cycle gadget

ModePro knows which screens to promote by two lists.
This gadget switches which list is being displayed.
There are two lists:

One is a list of program names.
  When a program in this list opens any screen, ModePro promotes it

The other is a list of screen names.
  When any program opens a screen named in this list, ModePro promotes it

NOTE if a program opens a screen and both the program's name and the
  screen's name are in the promotion lists, ModePro promotes using the
  promotion information for the SCREEN NAME.
```

1.5 Promotion List

```
 Promotion List
 --------------
 This list contains the screen and program names that should be
 promoted.  When using wildcards remember that the list is scanned
 from top to bottom, so if "#?" is in the list  no other entries
 below it will be checked.  You should also not use "#?" in the
 screen promotion list, as the screen name list has priority
 over the program name list and thus will override any settings
 in the program name list(although theres nothing stopping you from
 doing so).  Letter case is ignored as of v1.5,  therefore  CAT=cat.
```

1.6 Priority Slider

```
 Priority Slider
 ---------------
 This slider is used to adjust an entries priority
```

1.7 Use Program Default

```
o Use Program Default
---------------------
```
This option is useful in the case that you may not want the dimensions,
screenmode, or overscan changed but would like a 3D or autoscrolling
screen.

see :
AutoScroll and 3-D Look

1.8 Promote Monitor Type

```
o Promote Monitor Type
----------------------
```
This option promotes a screen to an equivalent resolution under another
monitor type (I think) specified in the text gadget. Therefore you can
promote an NTSC screen to say...an equivalent EURO36 screen, making
interlaced screens more bearable.

Note this is a direct monitor promotion there is no resolution promotion
so the results may not be what you expect.

1.9 Promote Screen Mode

```
o Promote Screen Mode
---------------------
```
When ModePro promotes a screen with this option it will promote it with
the specific screen type listed in the text gadget. You may also set the
width height and overscan of the screen but the number of colors will be
taken from the program that requested the screen .Use the
Select Screen Mode... gadget to select the screen mode of your choice.

Also make sure the display mode can handle the number of colors the
application program wants, forcing a program to open a 32 color
hires screen on and Old Chip Set or Enhanced Chip Set machine will
not work.

Warning: some shitty programs can't handle screen sizes other than what
  is coded into the program, some may work, some may crash, some may put
  crap all over the screen.

1.10   Use Screen Mode Requester

```
o Use Screen Mode Requester
---------------------------
```
When ModePro promotes a screen with this option it will bring up a
Screen Requester for you to pick a screen mode.

Note that you can use the Select Screen Mode... gadget to select the
initial values when the screen mode requester opens.

If you are using a non-AGA machine you may find that the list of screen
modes has been limited, this may be a result of the program asking
for a screen depth not available at higher resolutions.

When the screen mode requester appears because of this option no other
program may open a screen until the requester is closed.

1.11   Select Screen Mode... gadget

```
Select Screen Mode... gadget
----------------------------
Use this gadget to select a screen mode, monitor type, or the
default settings for the screen mode requestor.
```

1.12   AutoScroll check box

```
AutoScroll check box
--------------------
This option will make a promoted screen AutoScroll.
Note however that if a screen was originally set to
autoscroll you cannot force it to not autoscroll by leaving
the checkbox unchecked.
```

1.13   3-D Look check box

```
3-D Look check box
------------------
This will give a promoted screen the WB 2+ 3D look.
Note you cannot force a screen to not have the 3D look by leaving this
box unchecked.

Also, if a two color screen is requested and this option is checked the
screen will be opened with four colors instead, the 3d look requires
four colors.  I have seen one program where this 2 to 4 color promotion
will not work: dpaint.
```

1.14   Width gadget

```
Width gadget
------------
This gadget allows you to specify a width using the last two promotion
options
```

1.15 Height gadget

```
Height gadget
-------------
This gadget allows you to specify a height using the last two promotion
options.
```

1.16 New gadget

```
New gadget
----------
Creates a new entry in the list
```

1.17 Remove gadget

```
Remove gadget
-------------
Removes the highlighted entry in the list
```

1.18 Overscan cycle gadget

```
Overscan cycle gadget
---------------------
This gadget allows you to specify the overscan type using the last two
promotion options.
```

1.19 Name gadget

```
Name gadget
-----------
This allows you to edit then highlighted name in the list.
AmigaDos wildcards may be used
```

1.20 Screen Mode display

```
Screen Mode display
-------------------
Simply displays the active screen mode
```

1.21   Default Pens

```
Default Pens gadget
-------------------
This will set the pen list to their default values.  The default
values will be taken from the default Public screen (usually
Workbench)

Disabled if 3-D Look is not selected.
```

1.22   Pen List

```
Pen List
--------
This displays the pen names and their values

Pens               OS      desc.
-------------------------------------------------------------------
Detail             1.x     obsolete
Block              1.x     obsolete
Text               2.0     Text on background
Shine              2.0     Bright edge on 3d objects(gadgets,windows...)
Shadow             2.0     Dark edge on 3d objects
Fill               2.0     Active window border/Selected gadget fill
Fill Text          2.0     Text over Fill
Background         2.0     Background color of unselected gadgets
                             and inactive windows borders
Highlight Text     2.0     Highlighted text color
Bar Detail         3.0     Text color in screen title bar
Bar Block          3.0     Color of screen title bar
Bar Trim           3.0     Trim under screen title bar

Disabled if 3-D Look is not selected.
```

1.23   Current Pen Name Display

```
Current Pen Name Display
------------------------
This displays the current pen name your editing.

Disabed if 3-D Look is not selected.
```

1.24   Pen Value

```
Pen Value
---------
This gadget allows you to change the value of the pen displayed in the
Current Pen Name Display gadget.

Disabed if 3-D Look is not selected.
```

1.25 ToolTypes

```
Here is the list of supported tooltypes:
------------------------------------
CX_POPUP=YES/NO  (default NO)
CX_POPKEY        (default lcommand p)
CX_PRIORITY=#    (default 0)
DONOTWAIT
```

Information on these tooltypes is probably in the Workbench manuals
under "Commodities".

1.26 WARNING!!

```
WARNING
-------
Use this program at YOUR own risk!
```

Some really shitty programs will have problems when being put on screens
that are not the size they were expecting.

These "programs" may crash!!! So your going to have to do some trial and
  error.

1.27 Details

This program patches the OpenScreen and OpenScreenTagList functions in
the intuition library. This software does not replace the functions nor
modify any data passed to it and should be completely system compatible

This is basically what it does:
  OpenScreen() simply calls my OpenScreenTagList with parameters set as ←
      appropriate

  OpenScreenTagList() creates a small taglist with the attributes that
  are going to be modified, if a taglist was passed to the function
  the taglist is linked with TAG_MORE to the end of the new taglist. The
  function then passes the NewScreen structure (if any) and the address
  of the new taglist to the original intuition OpenScreenTagList().

 This patch can be safely removed as long as no other program patches the
 functions after this program does. This program will notify you on exit
 if another program has patched over it.

1.28 My Address

You may send money, suggestions, error reports, complaints and oh yea money to:

```
Michael Rivers
4302 Wisconsin Court    ( please write out Court don't put CT or it gets
                          sent to the wrong street )
Tampa, FL, USA 33616

you might also be able to reach me on


C-Link    at  Vermin@911:6000/14.0
USENET    at  mrivers@tbag.tscs.com
FIDONET   at  Michael Rivers@1:377/71
AMIGANET  at  Michael Rivers@40:719/14.0
(no E-Mail bombs please)

I hope those are correct, I'm new to this modem thing!
```

1.29 Menus

```
Menus
-----


Project
   Open        Open a mode promotion file
   Save As     Save current settings to a file
   ----------
   Save        Make current ModePro settings permanent
   Last Saved  Load permanent settings
   ----------
   Enabled     Indicates whether or not ModePro is active
   ----------
   About...    Obvious
   ----------
   Hide        Hide interface
   Quit        Quit ModePro (all mode promotion stops)

ScreenCatch
   Catch Programs
   Catch Screens
       If either of these option is enabled, when a program
       opens a screen, either the program's name or the screen's
       name or both will be added to the appropriate promotion
       list.  This is useful when you can't figure out the correct
       name to put in the list.
```

1.30 History

```
History
-------


version    date    desc.
-------  --------  ------------------------------------------------------
 v 2.2   10/08/94
 v 2.1    8/03/94  Bug fix:Forgot to free ASL file requester memory when
```

```
                        ModePro was quit.
                        More code cleaning.
      v 2.0    7/07/94  New features: user selectable pens for 3-d look
                                      commodity hotkey support added.(finally)
                        Bug fix: File requester now works correctly.
                        (forgot to add a / between the path and the filename
                         when required)
      v 1.5    6/04/94  Bug fix: Stupidity error. I forgot to free data when
                        an entry was removed or when the program
                        was ended.
                        New features: AmigaDos wildcards can now be used.
                                      Priority slider.
      v 1.3    5/21/94  Bug fix: ModePro wouldn't Unlock the pubscreen that
                        its window was on if another program opened a
                        screen while ModePro's window was open.
                        Minor menu work
      v 1.2    5/19/94  Tried to make code WB2.1 compatible
      v 1.1    4/18/94  ModePro is now a commodity.
                        minor code cleaning.
                        spelling correction.
      v 1.0    3/30/94  Initial Release.
```