

ModePro

COLLABORATORS

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REVISION HISTORY

<i>NUMBER</i>	<i>DATE</i>	<i>DESCRIPTION</i>	<i>NAME</i>

Contents

1	ModePro	1
1.1	ModePro Manual	1
1.2	Introduction	2
1.3	Instructions	2
1.4	Programs/Screens cycle gadget	3
1.5	Promotion List	4
1.6	Priority Slider	4
1.7	Use Program Default	4
1.8	Promote Monitor Type	5
1.9	Promote Screen Mode	5
1.10	Use Screen Mode Requester	5
1.11	Select Screen Mode... gadget	6
1.12	AutoScroll check box	6
1.13	3-D Look check box	6
1.14	Width gadget	6
1.15	Height gadget	6
1.16	New gadget	7
1.17	Remove gadget	7
1.18	Overscan cycle gadget	7
1.19	Name gadget	7
1.20	Screen Mode display	7
1.21	Default Pens	7
1.22	Pen List	8
1.23	Current Pen Name Display	8
1.24	Pen Value	8
1.25	ToolTypes	9
1.26	WARNING!!	9
1.27	Details	9
1.28	My Address	9
1.29	Menus	10
1.30	History	10

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.
 - AutoScroll
 - 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 there's 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 an 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.

Disabled 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.

Disabled 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.
-