

X-Panel

COLLABORATORS

	<i>TITLE :</i> X-Panel		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		April 13, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

X-Panel

1.1 Index

X-Panel V6.5 (22-11-98)
(C) 1996-1998 by Marco Lugo

This program is SHAREWARE
if
You use it, please send me
\$US 10 (CASH) as registration fee.

The author's native language is italian, so please forgive bad spelling,
grammar mistakes etc.

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1.2 Copyright

X-Panel is written and copyright © 1996-1998 by Marco Lugo. No parts of this program may be altered by any means (this includes editing, reprogramming, crunching, resourceing etc.), except archiving.

1.3 Introduction

X-Panel is a program designed to add in the Workbench some useful options:

- (1) It show and changes in realtime the status of CPU caches (on 68020, 68030, 68040, 68060 CPU).
- (2) It gives More Memory informations with percentage of free ram and other useful informations.
- (3) It can disable the fast ram and Switch Display from 50 Hz Pal or 60 Hz Ntsc, for demos or games executed from the Workbench.
- (4) It can clean the memory from unused libraries, fonts and devices.

It's small (don't use MUI or BGUI) and solid (I use it every day in my Workbench!).

1.4 Requirement

To use this program you must have an Amiga with minimum AmigaOS 2.04 and a 68000 CPU. X-Panel doesn't use custom libraries for its GUI.

1.5 Installation

The installation is simple: you drag the X-Panel icon in to the " ←
WBStartup"

drawer, then you reset your Amiga, when the boot is finish a new item will be in the "Tools" menu of the Workbench. This item is X-Panel, when you select this a GUI pop up with many options and some useful informations.

If you have a 68020 or better CPU there is a special version of this program in to the "68020+" drawer.

1.6 Options

Processor options

Ntsc <> Pal cycle gadget

No fast memory cycle gadget

Flush Memory button

Quit button

OK button

1.7 Processor options

The processor options are situated in the right on the window.

The single options have the following meaning:

Inst. Cache	:	switches on/off the CPU Instruction Cache	(68020+)
Data Cache	:	switches on/off the CPU Data Cache	(68030+)
Copyback	:	switches on/off the CPU CopybackMode	(68040 only)
Inst. Burst	:	switches on/off the CPU Instruction Burst	(68030 only)
Data Burst	:	switches on/off the CPU Data Burst	(68030 only)

(at the 68040/68060 'Burst is not switchable, since it is not changable by software)

1.8 NTSC <> PAL cycle gadget

This cycle gadget change the video mode from PAL to NTSC or from NTSC to PAL. It's useful if you want play a NTSC game on a full Pal screen.

note: if the screen mode isn't PAL or NTSC the gadget will be ghosted

1.9 No fast memory cycle gadget

This cycle gadget switches on or off the fast memory useful for ↔
run bad or
old programs. This function can take advantage of
SetMan
or
PatchControl
for removing his patches, the commodore once no.

1.10 Flush Memory button

This button remove from the memory all unused libraries, fonts and devices. The code of this function is better then the Avail command have.

1.11 Quit button

This button kill X-Panel and exit on Workbench.

1.12 OK button

This button exit without kill X-Panel.

1.13 ToolTypes

X-Panel support only one tooltype:

PUBSCREEN=pubname: If you wish to have X-Panel opened on another public screen than the Workbench.

1.14 SetMan

This program modifies the SetFunction() vector, and inserts a custom routine. It keeps a linked list of all changes to the jump tables, and allows any program to remove its vector at any time. Moreover, it allows to modify dos.library vectors in a transparent, upward compatible, way.

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1.15 PatchControl

This program enables system patches to be removed safely without having to reboot the machine or causing it to crash.

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1.16 Disclaimer

The author is in no way liable for any changes made to any part of the program, or consequences thereof as he is in no way liable for damages or loss of data directly or indirectly caused by this software.

1.17 Bug Report form

If you happen to find a bug in the X-Panel please fill out the bug report form below and send it to me (Address).

> Cut here <

BUG REPORT FORM

DATE:

NAME:

ADDRESS:

COUNTRY:

PHONE:

WHICH PROGRAM:

VERSION:

YOUR MACHINE CONFIGURATION (use Sysinfo):

- | | | | |
|----|--|---------------------------|---------------|
| 1. | Amiga 500 | Amiga 600 | Amiga 1000 |
| | Amiga 2000 A | Amiga 2000 B | Amiga 2000 C |
| | Amiga 2500 | Amiga 3000 | Amiga 4030 |
| | Amiga 1200 | Amiga 4040 | |
| 2. | 1/2 MB chipmem | Fat Agnus (old) 8371 A | |
| | 1/1 MB chipmem | Big Agnus (Fatter) 8372 A | |
| | 2/1 MB chipmem | ECS Agnus (Hires) 8372 B | |
| | Fast RAM | Total RAM | |
| 3. | Denise (old) 8362 | ECS Denise (new) 8363 | |
| 4. | Kickstart 1.2 | Kickstart 1.3 | Kickstart 2.0 |
| | Kickstart 3.1 | Softkick ?? | Kickstart 3.0 |
| 5. | Special Boards and like (e.g. AT-Card, Action Replay, Turbo Card): | | |
| 6. | How old is your Amiga? | | |
| 7. | Where did you get X-Panel? | | |

Details of the bug:

Guru code:

> Cut here <

1.18 Distribution

Neither fees may be charged nor profits may be made by distributing this piece of software. Only a nominal fee for costs of magnetic media may be accepted, the amount of US \$5 shouldn't be exceeded for a disk containing X-Panel. CD Manufactures are specifically granted the right to include this program on CD collections, as long as they are for the Public Domain. But the user still has to pay the Shareware fee of US \$10 (Cash)! If you include this program in a magazine coverdisk please send me a free issue of the magazine with the coverdisk.

1.19 Program History

From X-Panel 1.0 to 4.2 are old versions for my use only.

X-Panel 4.3 (14-12-96)

- Added support for Mc 68060.

X-Panel 4.4 (14-02-97 not released to public)

- Rewritten some procedures in assembler with PhxAss 4.32.
- Correct one bug in the "copyback" and "data burst" gadgets.
- Added a "Program History" chapter in the X-Panel docfile.

X-Panel 4.5 (20-02-97 not released to public)

- Rewritten another big procedure in assembler with PhxAss 4.32.
- Added an AmigaGuide version of the X-Panel docfile.

X-Panel 4.6 (18-03-97 not released to public)

- Correct one bug in the set caches gadgets routine for the 68060.

X-Panel 4.7 (28-04-97 not released to public)

- Rewritten a small section of code.

X-Panel 4.8 (25-05-97 not released to public)

- Correct one bug in the search 68010 routine.

X-Panel 4.9 (25-05-97 not released to public)

- Optimized the no fast memory routine.
- Optimized the search 68060 routine.

X-Panel 5.0 (26-05-97 not released to public)

- Optimized the set copyback gadget routine.
- Correct one bug in the search 68881 routine.

From X-Panel 5.1 to 6.0 are beta versions for my use only.

X-Panel 6.1 (04-11-97 not released to public)

- Optimized the display memory informations routine now is more fast.
- Rewritten the patch routine now is more safe.
- Add support for

- SetMan
 - and
 - PatchControl

- Add ToolType "PUBSCREEN".
- Correct one bug in the memory informations routine when the fast memory is off.

X-Panel 6.2 is a beta version for my use only.

X-Panel 6.3 (16-12-97 not released to public)

- Rewritten the display memory informations routine now doesn't flicker.

X-Panel 6.4 (30-03-98)

- First public release.
- Add SetPatch version info.
- Add a special version for 68020 or better CPU.

X-Panel 6.5 (22-11-98)

- Correct one bug in the patch routine.
- Optimized the flush routine.

1.20 Credits and Thanks

X-Panel is written in E, and compiled with E 3.3a except some routines written in assembler, compiled with PhxAss 4.38 by Frank Wille. The following persons deserve special thanks from me as they made a significant contribution to the development of X-Panel:

- Massimo Tantignone author of the wonderful "VisualPrefs" and my beta tester.
- Gianrico Buonriposi beta tester.
- Dave Alderson for making the wonderful "Disect".
- Wouter van Oortmerssen for making the "E" compiler.
- Frank Wille for making the "PhxAss" compiler.

1.21 Address

If you have any bug-reports (Bug report form), suggestions or to pay the Shareware fee (Distribution) then feel free to contact me:

smail:

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email:

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```
'''  
  (o o)  
+-----o000--(_)-----+  
|                                     |  
|          INTEL OUTSIDE!           |  
|                                     |  
+-----o000-----+  
  |__|__|  
  ||  ||  
  ooO Ooo
```