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COLLABORATORS

	<i>TITLE :</i> "		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		August 7, 2022	

REVISION HISTORY

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Chapter 1

”

1.1 Contents

Orpsw 2.4

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1.2 copyright

Copyright:

Orpsw © 1995-97 Orhan Dagistanli.
All rights reserved.

Warranty:

This software is provided "as-is" and subject to change without notice; no warranties are made. All use is at your own risk. No liability or responsibility is assumed.

Shareware:

This archive may not be altered in any way and cannot be used for commercial purposes without the written permission of the author. The license is per user for non-business home use, and per machine for companies.

1.3 requirements

Requirements:

Hard disk, A1200/A4000

Tested at these systems:

A1200, Kickstart 3.0, 2.5" Toshiba hard disk,
3.5" Seagate 600MB hard disk, IBM PS/VP VGA monitor,
Olivetti DSM 60-400 VGA monitor.

1.4 features

Features

- No floppy drive clicks and retry count is 1.
- You can use '*' instead of AmigaDos wildcard chars '#?'. Important: If you use '*' alone it means the default window, so that things change a little. Because of that you are advised to use double stars. For example use 'LIST **' instead of 'LIST *'. 'Copy console: file' command writes the informatin taken from console to the specified file. For end-of-file press ctrl+backslash in the CON: window or click the end gadget in the KON: window.
- Window activator.
- Screen blanker.
- Hard disk power on/off handler.
- BootMenu & alert screens in VGA mode.
- No screen flash at reset.
- Keyboard reset handler.
- Power-on password.
- Console handler.

CLI window consists of input/output/status areas.

Command: NewCLI KON:hpos/vpos/width/height/windowtitle FROM filename

Purpose: See the Dos manual for parameters.

Editing key	Function
Left/Right	Move the cursor around the string.
Shift + Left/Right	Move the cursor to the beginning or end of string.
Up/Down	Get the previous or next history string.
Shift + Up/Down	Complete the string to right of cursor.
Del	Delete the character under the cursor.
Backspace	Delete the character to left of cursor.
Right_Amiga + X	Clear the string.
Return/Enter	Submit the string.
Alt	Alternate character set entering.

Control key	Function
Ctrl + A/Z	Move the cursor to the beginning or end of string.
Ctrl + H	Delete the character to left of cursor.
Ctrl + W/U	Delete the characters to left of cursor.
Ctrl + K	Delete the characters to right of cursor.
Ctrl + X	Clear the string.
Ctrl + M	Submit the string.

Restrictions:

- No window options.
- Window title length is 8 characters.
- No snip.
- No break types E and F.

There are 16 input history and 8 input stack buffers.
 No partial reads, input buffer will be removed after each read.
 Input string will be displayed in the output area with calling
 program's read length if input stack is empty.
 Input stack will be cleared and not used in raw mode.
 Dos.library/WaitForChar() waits least 1/10 seconds.
 You can control the control characters in the input area,
 see the IControl document for more info.
 You can make the cursor invisible in the output area.
 To do this insert "*E[0 p" characters into your prompt.
 This is an example Shell-Startup (or KON-Startup):

```
Alias CLS Echo "*E[H*E[J" noline
Alias DIR List nodates
Prompt "*E[0 p*E[32m%S>*E[31m*E[E"
CLS
```

- Keyboard driven menu session.

Key	Function
Right Alt	Begin or end menu session.
Return/Enter	Select item.
Up/Down	Scan items.
Left/Right	Scan menus or exit from sub menu.

New menu checkmark cannot displayed correctly if menu
 background color is not 2 and menu may not be activated
 if screen is not autoscroll. If IDCMP_MENUVERIFY was
 used for the window, Orpsw blocks the user input and
 waits the menu activation. After 7 seconds it cancels
 the blocking or you can re-press the menu key to exit.

- Resident CLI commands:

Command: PswScr
 Purpose: Redisplays the last deadend-alert message for the VGA mode and asks password. Does nothing under Run command or non Startup-Sequence environments or if Workbench is open or if executed more than one. Returns 1 for the first password and 5 for the second password. Password screen comes once after power on reset.

Command: Reset PSWSCR/S,CLEAR/S
 Purpose: Initiates the system-reset.

Arguments: PSWSCR Password screen comes after reset, if the PswScr command exist in Startup-Sequence.
 CLEAR ExecBase structure and 2MB chip memory will be cleared before reset.

Command: ProtectHD
 Purpose: Makes the hard disk read-only.

Command: PoweroffHD
 Purpose: Ensures 4 seconds passed from last I/O. Parks the hard disk heads, turns off the hard disk power. Another way is ctrl+dead key near the return key to power off. This key does not work at password screen. I'm sorry if you have not this key..

Command: Shutdown
 Purpose: Ensures 4 seconds passed from last I/O. Parks the hard disk heads, turns off the hard disk power, resets and locks the system. Use this command before to power off the Amiga.

Command: DefaultMon
 Purpose: Changes the system's default monitor id. Use this command after monitor driver & IPrefs. Dont use 'Avoid Flicker' and 'Mode Promotion' options in IControl. Non standard modeids are not supported.

PAL	v40.4	supported
NTSC	v40.4	supported
DblPAL	v40.4	supported in AA mode
DblNTSC	v40.4	supported in AA mode
A2024	v39.18	supported

```
Super72    v39.9    supported
Multiscan v40.4    not supported
Euro36     v40.4    not supported
Euro72     v40.4    not supported
HighGFX    v40.1    not detected
```

I'm using DblNTSC driver, 64Hz refresh rate, 656x467 HAM6 Workbench screen. This driver supports all standard modes and 1:1 aspect ratio for VGA.

1.5 installation

Installation

Execute HDToolBox. Dont forget to note the old partition info to not to have a risk of destroying data. Change all identifiers to 0x444F5308. Then pass to 'Add/Update...'. Load Orpsw as a file system. Change its DosType like above. Save the changes.

Insert the PswScr command under IPrefs in the Startup-Sequence files of all bootable partitions. See the example.

To remove Orpsw, delete the file system that you have changed its DosType like above and set the identifiers of the partitions to FastFileSystem.

If your partition doesn't startup because of a reason or seems like it isn't mounted, remove the Orpsw. Be sure that nothing happens to your Dos informations so forget the format command.

1.6 passwords

Passwords

There are two passwords. The first is AAAAAAAAAA and second is BBBBBBBB. You can check which password is entered from Startup-Sequence and control them.

You can change the passwords via CLI arguments. In this case Orpsw updates itself or does nothing. Passwords are 8 chars max and case-insensitive. Filesystem reinstalling is required.

Non FFS partitions not supported. But they may be mounted in the Startup-Sequence files to protect them.

Commands in the password screen:

```
Command:  Reset
```


Purpose: Resets the system.

Command: BootMenu

Purpose: Boot menu comes in VGA mode.

Command: BootFloppy

Purpose: Ensures 4 seconds passed from last I/O. Parks the hard disk heads, turns off the hard disk power, disables the hard disk interface and resets the system. Normally boot picture comes.

1.7 hints and tips

Hints And Tips

- Orpsw creates alert code \$80000007 for its errors. If you see this alert code at boot, remove Orpsw.
- Password/BootMenu/alert/blanker screens use default monitor id. Password screen is xy and alert is x centered.
- Hard disk functions work for just IDE drives and unit 0.
- I recommend dont use border blank.

1.8 bugs

Bugs

- Some hard disks will power on after Shutdown/BootFloppy commands.
- Console handler opens its CLI window at wrong time in some cases.

1.9 example startup

Example Startup-Sequence

```
SetPatch quiet
Failat 999
```

```
MakeDir RAM:ENV RAM:T
Assign ENV: RAM:ENV
Assign T: RAM:T
```

```
Sys:Monitors/VGAOnly
Sys:Monitors/DblNTSC
Copy ENVARC: ENV: all quiet
IPrefs
DefaultMon DblNTSC
```

```
PswScr
```

```
"  
  
If Warn  
;--- if second password entered ---  
ProtectHD  
AddBuffers >nil: DH0: -90  
AddBuffers >nil: DH1: -90  
Assign >nil: DH0: dismount remove  
Assign >nil: RAM: dismount remove  
LoadWB cleanup delay  
Avail >nil: flush  
EndCLI  
EndIf  
  
;--- if first password entered ---  
. . .
```

1.10 registration

Registration

The price is US\$10. Send the payment and email the following lines (dont send mail).

Name:
Address:
Email address:
Amiga system (type, boards, etc.):

Payment types: Postal money order
International bank check
(dont send personal or euro-check)

The check or money order must be made payable to:

Name: Orhan Dagistanli
Address: Alpaslan sk 2/4 Balcova Izmir TURKIYE

When i will releas a new version i will inform to you (no money for new versions).

Email: prohst03@vm.ege.edu.tr (OR)

1.11 history

History

V2.4:
- 'Reset' item removed from Workbench's tools menu.
- Console handler improved.
