

hunk

Daniel Pimley

COLLABORATORS

	<i>TITLE :</i> hunk		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Daniel Pimley	April 14, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	hunk	1
1.1	On-Line Help	1
1.2	On-Line Help	1
1.3	On-Line Help	2
1.4	On-Line Help	3
1.5	On-Line Help	3
1.6	On-Line Help	4
1.7	On-Line Help	4
1.8	On-Line Help	4
1.9	On-Line Help	5
1.10	On-Line Help	5
1.11	On-Line Help	6
1.12	On-Line Help	6
1.13	On-Line Help	7
1.14	On-Line Help	7
1.15	On-Line Help	7
1.16	On-Line Help	8
1.17	On-Line Help	8
1.18	On-Line Help	8
1.19	On-Line Help	9
1.20	On-Line Help	9
1.21	On-Line Help	10
1.22	On-Line Help	10
1.23	On-Line Help	10
1.24	On-Line Help	11
1.25	On-Line Help	11
1.26	On-Line Help	11
1.27	On-Line Help	12
1.28	On-Line Help	12
1.29	On-Line Help	12

1.30 On-Line Help	13
1.31 On-Line Help	13
1.32 On-Line Help	14
1.33 On-Line Help	14
1.34 On-Line Help	15
1.35 On-Line Help	15
1.36 On-Line Help	16
1.37 On-Line Help	16
1.38 On-Line Help	18
1.39 On-Line Help	18
1.40 On-Line Help	18
1.41 On-Line Help	19
1.42 On-Line Help	19
1.43 On-Line Help	19
1.44 On-Line Help	20
1.45 On-Line Help	20
1.46 On-Line Help	21
1.47 On-Line Help	22
1.48 On-Line Help	22
1.49 On-Line Help	22
1.50 On-Line Help	23
1.51 On-Line Help	23
1.52 CX Pop Key	24
1.53 Start Priority	24
1.54 External Preferences	25
1.55 Force German	25
1.56 Ignore Class	25
1.57 On-Line Help	25
1.58 On-Line Help	27

Chapter 1

hunk

1.1 On-Line Help

Contents

Input
Screens
Hardware
System
Windows
Workbench

Settings

1.2 On-Line Help

Screen Blanker

MultiCX includes a simple but compatible screen blanker. It always uses the display mode which fits best to the actual front screen, while taking the lowest resolution with only one plane.

AVOIDTASK and AVOIDSCREEN fully support AmigaDOS pattern matching and work case insensitive.

If LIKEWB and SCRMODE/SCRMODEID are set, the ScreenMode is only used if the Workbench is not available for some reason. But this should never happen...

See also:

Moire Blanker
and
DPMS

ToolTypes:

SCRBLANK=n	sets number of seconds until screen blanks, 0 means OFF
HOTBLANK=Qual&Key	sets hotkey for immediate blanking
CDNOBLANK	do not blank screen if Carrier is detected (currently only supports internal serial port)
CDUNBLANK	unblank screen if Carrier is detected (currently only supports internal serial port)
IGNOREKEY	ignore unblanking keypress
IGNOREMOUSE	do not unblank on mouse movement
IGNOREDISK	do not unblank on disk insertation
AVOIDTASK=Pattern	do not blank screen if OwnerTask of active screen matches pattern
AVOIDSCREEN=Pattern	do not blank screen if title of active screen matches pattern
AVOIDWINDOW=Pattern	do not blank screen if title of active window matches pattern
LIKEWB	forces cloning the WB's display mode
SCRMODE=ModeName	selects a display mode by name
SCRMODEID=ModeID	selects a display ModeID (decimal)

1.3 On-Line Help

Moire Blanker

MultiCX has a really nice Screen Blanker, too! It steals no processor time from other tasks, and if it couldn't draw a line for longer than 10 seconds it falls back to a simple black screen. There are some parameters to play with...

See also:

Screen Blanker
and
DPMS

ToolTypes:

MOIRE	selects Moire blanker
LINES=n	number of lines, default is 2
TRAIL=n	length of trail, default is 64
XSPEED=n	x offset for next line, default is 4
YSPEED=n	y offset for next line, default is 6
CSPEED=n	color cycling delay, default is 16
COLOR=n	drawing color, range is 1-4095 0 means Random, -1 means Color Cycling
BLANKPRI=n	sets blanker's task priority, default is -120

1.4 On-Line Help

DPMS

Registered Users only!

DPMS stands for Display Power Management Signaling and needs at least three things to work properly:

1. a DPMS compatible monitor
2. CyberGraphX system v40+
3. a CyberGraphX Workbench screen

WARNING:

Do NOT try to use DPMS if your monitor doesn't support Power Management!

CyberGraphX knows different DPMS levels, but not all graphics cards or monitors support them all, i.e. Picasso-II users may only use level 3. The levels are:

Level 0	DPMS_ON	Full operation
Level 1	DPMS_STANDBY	Optional state of minimal power reduction
Level 2	DPMS_SUSPEND	Significant reduction of power consumption
Level 3	DPMS_OFF	Lowest level of power consumption

In order to prevent other screen blankers from doing unnecessary work while DPMS is active, MultiCX may regularly emulate the pressing of the left shift key, but MultiCX' own blankers do not need this.

See also:

Screen Blanker
and
Moire Blanker

ToolTypes:

DPMS_TIME=n	sets number of seconds until DPMS blanking, 0 means OFF (no DPMS)
DPMS_LEVEL=n	sets DPMS operation mode (0-3), 0 means OFF
DPMS_SHIFT=n	sets number of seconds for Shift emitting, 0 means OFF
DPMS_KILLKEY	ignore unblanking keypress
DPMS_NOMOUSE	do not unblank on mouse movement
DPMS_NODISK	do not unblank on disk insertation
DPMS_HOTKEY=Qual&Key	sets hotkey for immediate DPMS blanking

1.5 On-Line Help

Mouse Accelerator

MultiCX lets you set Acceleration and Theshold (minimum movement to activate Acceleration) for smooth mouse handling.

SWITCH OFF ALL ALIEN MOUSE ACCELERATORS BEFORE USING THESE OPTIONS!
(Input Prefs "Acceleration" etc.)

ToolTypes:

ACCELERATION=n sets Acceleration factor, 0 means OFF
THRESHOLD=n sets Threshold value, 0 means no Threshold

1.6 On-Line Help

Mouse Blanker

MultiCX blanks the mouse pointer on keypress and/or after approx. 30 seconds when no mouse movement has occured.

ToolTypes:

KEYBLANK activates MouseBlanking on keypress
TIMEBLANK activates MouseBlanking after timeout

1.7 On-Line Help

Lefty Mouse

If activated this feature will swap the left and right mouse button, ie. if you hit the left button it will act like the right and vice versa.

ToolTypes:

LEFTYMOUSE activates Lefty Mouse

1.8 On-Line Help

Screen Cycling

MultiCX allows you to cycle screens using either MiddleMouseButton or BothMouseButtons, this is equivalent to LCOMMAND M. Additionally a hotkey for backward cycling may be defined.

If MOUSESHIFT and SCRCYCLE are both set to MMB, then ScreenCycling will occur on a Double-MMB-Click.

ToolTypes:

SCRCYCLE=MMB BMB	sets Screen Cycling to MMB or BMB
BACKCYCLE=Qual&Key	sets Qualifier and Key for BackCycle, none means OFF

1.9 On-Line Help

Mouse Shift

MultiCX lets you use the RightMouseButton or MiddleMouseButton as a Shift-Key for extended selection.

And this is how it works with RightMouseButton:

1. Press LeftButton to select first icon and hold it.
2. Press RightButton and hold it.
3. Release LeftButton and keep RightButton pressed.
4. Now select some more icons with LeftButton.
5. To deselect an icon, click on it with LeftButton and keep it pressed, then release RightButton and press it again.

Sounds much more complicated than it is...

ToolTypes:

MOUSESHIFT=RMB MMB	sets MouseShift to RMB or MMB
--------------------	-------------------------------

1.10 On-Line Help

Window Cycling

MultiCX lets you put a window to front/back by a configurable number of LeftButton clicks. Qualifiers can be defined for both functions. Additionally there are two hotkeys available for TopWindowToBack and BottomWindowToTop. But only windows with a Depth Gadget are affected by Window Cycling.

ToolTypes:

WINCYCLE=n	sets number of mouse clicks for WindowCycle, 0 means OFF
WINFRONTQUAL=Qual	sets Qualifier for WindowToFront
WINBACKQUAL=Qual	sets Qualifier for WindowToBack
FRONT2BACK=Qual&Key	sets hotkey for TopWindowToBack
BACK2FRONT=Qual&Key	sets hotkey for BottomWindowToTop
SUPERLAYERS	enables SuperLayers for non-CyberGraphX systems

1.11 On-Line Help

SUN-alike Window Activation

MultiCX has three different options to activate windows automatically. All of them activate the window under the mouse pointer, SunKey does it on every keypress, SunMouse does it after mouse movement, and SunRMB does it after pressing the right mouse button. So SunKey and SunMouse together seem to be rather useless. Windows with active Gadgets (like FileRequesters etc) will never be deactivated by one of these functions. Additionally specific windows may be excluded from deactivation using the AVOIDSUN ToolType. When SUNPOPOP is used windows will be brought to front when being activated.

ToolTypes:

SUNKEY	activates SunKey
SUNMOUSE	activates SunMouse
SUNRMB	activates SunRMB
SUNPOPOP	activates SunPopUp
AVOIDSUN=Pattern	do not deactivate active window if title matches this pattern

1.12 On-Line Help

Title Activator

This option simply allows activation of a screen by clicking on its

title bar, which is quite useful when using dragged screens.

ToolTypes:

TITLEACTIVATE activates Title Activator

1.13 On-Line Help

HoldX and HoldY

MultiCX allows you to lock a specific mouse dimension while holding a defined Qualifier. If both Qualifiers are set to the same it locks all mouse movements. So you are responsible for useful settings...

ToolTypes:

HOLDXQUAL=Qual sets Qualifier for HoldX, none means OFF
HOLDYQUAL=Qual sets Qualifier for HoldY, none means OFF

1.14 On-Line Help

Enter ASCII

MultiCX allows you to enter ASCII codes directly by pressing an ALT key and the numbers in the numeric block, for example: <ALT> 65 = A. Maximum 3 digits, value must not be greater than 255.

ToolTypes:

ENTERASCII=LALT|RALT activates EnterASCII using LALT or RALT

1.15 On-Line Help

Map Umlauts

This option might be of use for german users or other people writing german texts. It will convert the german umlauts into the normal

character pendants. If the MAPCAPSLOCK switch is set the conversion only takes place while CAPSLOCK is active, which is very useful if you only need this feature with some applications. Please note that this option is not affected by

NOCAPSLOCK

, so these switches should be used

together.

ToolTypes:

MAPUMLAUTS activates MapUmlauts
MAPCAPSLOCK activates MapCapsLock

1.16 On-Line Help

CapShift

This option changes the way CapsLock works. Just try activating CapsLock, and then press some shifted letters to get an idea of it. Hotkeys etc. are no longer affected by CapsLock. CapShift is ignored if NoCapsLock is active.

ToolTypes:

CAPSHIFT activates CapShift

1.17 On-Line Help

NoCapsLock

... simply switches off CAPSLOCK completely.

ToolTypes:

NOCAPSLOCK activates NoCapsLock

1.18 On-Line Help

Window Close & Zoom

MultiCX allows you to close/zoom windows using pre-defined Qualifiers and Keys.

ToolTypes:

WINCLOSE=Qual&Key	sets Qualifier and Key for CloseWindow, none means OFF
WINZOOM=Qual&Key	sets Qualifier and Key for ZoomWindow, none means OFF

1.19 On-Line Help

Window Movement

This group of hotkeys enables you to center the active window, to move it to the top left corner of the screen or to align it with it's parent window.

ToolTypes:

WINCENTER=Qual&Key	sets Qualifier and Key to center window
WINPARENT=Qual&Key	sets Qualifier and Key to align a window with it's parent window
WINTOPLLEFT=Qual&Key	sets Qualifier and Key to move window to the top left corner of the screen

1.20 On-Line Help

Window Remember

MultiCX remembers the last active window on every screen, and the next time you go to that screen, this window will be re-activated automatically.

ToolTypes:

WINREMEMBER	activates WindowRemember
-------------	--------------------------

1.21 On-Line Help

CenterScreen

The active screen is centered when this hotkey is pressed. Optionally the frontmost Screen is centered automatically as soon as it becomes active.

ToolTypes:

CENTERSCR=Qual&Key sets Qualifier and Key for CenterScreen,
 none means OFF
AUTOCENTER activates AutoCenterScreen

1.22 On-Line Help

HotFlush

MultiCX frees all unneeded memory when pressing this hotkey, just like "Avail flush" does.

ToolTypes:

HOTFLUSH=Qual&Key sets Qualifier and Key for HotFlush,
 none means OFF

1.23 On-Line Help

ForceAmiga

This Hotkey lets you force switching to native Amiga modes when using CyberGraphX and is especially useful for some nasty games.

ToolTypes:

FORCEAMIGA=Qual&Key sets Qualifier and Key for ForceAmiga,
 none means OFF

1.24 On-Line Help

PopCLI

MultiCX spawns a UserShell using the given command string when pressing the PopCLI key.

ToolTypes:

POPCLI=Qual&Key	sets Qualifier & Key for PopCLI, none means OFF
POPCLICMD=Command	sets command string for PopCLI, none means OFF
POPCLISTACK=n	sets stacksize for PopCLI (Default: 4096)

1.25 On-Line Help

PrtSc Hotkeys

MultiCX executes the given command strings when pressing the left or right ALT key and PrtSc (NUMERICPAD *), which might be useful to print or snapshot a screen.

ToolTypes:

PRTSC_LEFT=Command	sets command string for LALT NUMPAD *
PRTSC_RIGHT=Command	sets command string for RALT NUMPAD *

1.26 On-Line Help

FrontPubScreen

If this option is activated the FrontScreen automatically will become the actual DefaultPubScreen, as long as it is public and not private.

ToolTypes:

FRONTPUBSCR	activates FrontPubScreen
-------------	--------------------------

1.27 On-Line Help

System Flags

MultiCX lets you set/change some of the internal AmigaOS flags. These may be set, unset or left unchanged, where a parameter of 0 means deactivate, 1 or any value >0 means activate, and putting the ToolType in brackets (the same as removing it) means no change. Old values are NOT restored when quitting/disabling MultiCX, but Notification may be used at any time.

ToolTypes:

BLACKBORDER=n	changes BlackBorder flag, ECS Denise needed
NOCLICK=n	changes NoClick flag for all drives, may not work with very old drives
WILDSTAR=n	changes flag for extended WildCarding, if ON "*" may be used instead of "#?"
SNDFILTER=n	switch Sound filter ON/OFF

1.28 On-Line Help

Trackdisk Parameters

This option is used to set some parameters of trackdisk.device. If used with care these settings could make your drives faster and less noisy. Old values are NOT restored when quitting/disabling MultiCX, but default values are set when disabling these Tooltypes.

ONLY USE THEM IF YOU KNOW EXACTLY WHAT YOU ARE DOING!

ToolTypes:

TDRETRY=n	change TDU_RETRYCNT (Default is 10)
TDSTEP=n	change TDU_STEPDELAY (Default is 3000)
TDSETTLE=n	change TDU_SETTLEDELAY (Default is 15000)
TDCALIBRATE=n	change TDU_CALIBRATEDELAY (Default is 4000)

1.29 On-Line Help

Public Screen Flags

MultiCX also lets you set/change the global Public Screen flags. These may be locked, so that other tasks cannot change them. The values are the same as for the

System Flags

.

ToolTypes:

POPPUBSCR=n changes PopPubScreen flag
 SHANGHAI=n changes Shanghai flag
 LOCKPUBFLAGS locks Public Screen flags set by MultiCX

1.30 On-Line Help

Clock Sanity Check

When this option is activated MultiCX tests the actual date/time on startup and if something seems to be wrong the Time Preferences program is started automatically.

ToolTypes:

CHECK_CLOCK activates Clock Sanity Check

1.31 On-Line Help

Advanced EditHook

Registered Users only!

MultiCX contains a comfortable extension for all system StringGadgets. It is completely inactive as long as the CONTROL qualifier is pressed.

The following keys can be used:

RCOMMAND Q	undo	(*)
RCOMMAND X	clear	(*)
RCOMMAND C	copy to Clipboard	
RCOMMAND V	paste from Clipboard (Insert)	
RCOMMAND SHIFT V	paste from Clipboard (Clear)	
RCOMMAND G	convert contents to upper case	
RCOMMAND H	convert contents to lower case	
RCOMMAND key	leave Gadget and execute Menu option	(\$^1\$)
LCOMMAND (SHIFT) key	execute original RCommand shortcut	
SHIFT CURSOR LEFT	jump to start of line	(*)
SHIFT CURSOR RIGHT	jump to end of line	(*)

SHIFT BACKSPACE	delete to start of line	(*)
SHIFT DEL	delete to end of line	(*)
ALT CURSOR UP	previous Gadget (SHIFT TAB)	
ALT CURSOR DOWN	next Gadget (TAB)	
ALT CURSOR LEFT	jump word left	
ALT CURSOR RIGHT	jump word right	
ALT BACKSPACE	delete word left	
ALT DEL	delete word right	
ESC	leave Gadget	(\$^2\$)

(*) function provided by OS

ToolTypes:

EDITHOOK	activates advanced EditHook
CLIPUNIT=Unit	select Clipboard unit for Copy/Paste (0-255), Default: 0
NOCMDKEY	switch off "execute Menu" option (\$^1\$)
NOESCKEY	switch off "leave Gadget" option (\$^2\$)

1.32 On-Line Help

Advanced ResetHandler

If this option is enabled NOTHING will survive a Reset (Software Reset or Keyboard Reset via LCOMMAND-RCOMMAND-CONTROL) in your computer's memory. This will kill all kinds of virusses and things like the RAD: device, which can be very useful if you just use it to decrunch disks.

Please note that the Keyboard Reset is not affected by PATCH_DISABLE and that KBD_RESETHANDLERS will not work on very old machines (A1000 and early A500).

ToolTypes:

RESETHANDLER	activates advanced ResetHandler
--------------	---------------------------------

1.33 On-Line Help

SetFunction Patches

Using this ToolType it is possible to select whether all patches are disabled when disabling the Commodity. Patches are always disabled when MultiCX is removed.

The following MultiCX functions are affected by this ToolType:

LOCKPUBFLAGS	ASSIGNWEDGE	NEWLOOKMENUS
NEWLOOKPROPS	WBABOUT	WBTITLE
SA_PENS	SA_AUTOSCROLL	SA_FONT
LOCKPENS	FIXOPENWB	NOCLOSEWB
NODISPLAYBEEP	NOFORMAT	NOBOOTWRITE
LOCKPATCH	SHAPEFREEZER	ALERTTIME
WBGUAGE	OLDTOOL	NEWTTOOL
EDITHOOK	PUBSCREENALIAS	

BLACKBORDER (OS 2.x only)
 RESETHANDLER (SoftReset only)

ToolTypes:

PATCH_DISABLE if set, all Patches will be disabled together
 with MultiCX

1.34 On-Line Help

AssignWedge

This ToolType helps you handling "Please insert volume <xyz> in any drive" requesters. If the system tries to open such a requester, it will be replaced by a new one with three more gadgets:

Assign...	opens a DirectoryRequester asking for a path to assign the requested volume to
Mount	tries to mount the volume
Deny	denies the request and remembers the Process which tried to access that volume, so that it will not ask you again as long as AssignWedge is active

ToolTypes:

ASSIGNWEDGE	activates AssignWedge
AUTOMOUNT=Pattern	defines a pattern for volumes which will be mounted automatically when accessed for the first time

1.35 On-Line Help

NewLookMenus OS 3.0+

This patch forces NewLook Menus on all PublicScreens.

ToolTypes:

NEWLOOKMENUS activates NewLookMenus

1.36 On-Line Help

NewLookProps

This patch gives all PropGadgets (Sliders etc.) the OS 2.0+ look, if they are at least 4x4 pixels wide.

(This will work with GadTools gadgets only!)

ToolTypes:

NEWLOOKPROPS activates NewLookProps

1.37 On-Line Help

WBExtender

These options replace your WB Titlebar and the "About..." Requester by more useful information about your system.

This is how the Titlebar will look:

```
AmigaOS~x.x~xxx~ xxxxxxx~(xx%)~Chip~xxxxxxx~(xx%)~Fast~T:xx~L:xx~S:xx *
~~~~~|~~~| ~ ~ |~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|
~~~~~|~~~|~ ~ ~+~free~ChipMem~~~~~+~free~FastMem~~~~~ ~|~~~~|~~~~|~~~~~|
~~~~~|~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|
~~~~~|~~~+~----~ChipSet~used~(OCS,~ECS, AGA, CGX or P96)|~~~~|~~~~|~~~~~|
~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|
~~~~~+~-----~OS~Version~~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|
~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|
~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|
~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|~~~~~|
```

```

~~~~~Number~of~Libraries~-----+~~~~ | |
~~~~~Number~of~Screens~-----+~~~~ | |
Freezed ShapeShifter -----+~~~~

```

Attention!
The~WB~only~refreshes~display~when~amount~of~free~memory~has~changed!
And~here's~your~new~Workbench/About...

```

~~~~~+-----+
OS~Version~----->~|~Kickstart~40.70,~Workbench~40.42, SetPatch 43.6~|
~~~~~+-----+
Copyright~Message~-->~|~Copyright~©~1985-1997~Amiga International, Inc.~|
~~~~~+-----+
~~~~~|~All~Rights~Reserved.~~~~~|
~~~~~+-----+
CyberGraphX -----> | CyberGraphX System v2 (40.113) |
~~~~~+-----+
CPU/FPU~type~----->~|~CPU:~68030,~FPU:~68882~~~~~|
Cache~Status~----->~|~InstCache~ON~ (Burst),~DataCache~ON~ (Burst)~~~|
~~~~~+-----+
Memory~Status~----->~|~Memory~used:~21% of 22.536.192~Bytes~~~~~|
~~~~~+-----+
~~~~~|~Largest~free~block:~11.061.448~Bytes Fast~~~|
~~~~~+-----+
Gadgets~----->~|~~~OK~~~~~Reboot          Flush          More... |
~~~~~+-----+

```

```

~~~~~OK~~~~~:~just~leave~Requester~as~before
~~~~~Flush~~~:~flush~all~inactive~libs,~fonts~etc.
~~~~~Reboot~~~:~reboots~system,~opens~confirmation~Requester~first
More...: some additional information (OS 3.0+)

```

```

~~~~~+-----+
~~~~~|~System~Reboot~-----|
~~~~~|~Wait~for~disk~activity~to~finish.~~|
~~~~~+-----+
~~~~~|~OK~                               Cancel~|
~~~~~+-----+

```

When WBMENU is activated some options will be added to WB's Tools menu:

- MCX About some information about MultiCX
- MCX Config calls MultiCX Preferences
- MCX Flush flushes memory (like above)
- MCX Reboot reboots system (like above)
- MCX Shell calls MultiCX
- PopCLI
- function

ToolTypes:

```

WBABOUT~~~~~ enables new WB About
WBTITLE~~~~~ enables new WB Titlebar

```

WBMENU	enables new WB AppMenu options
CLOCK	adds a digital clock to the TitleBar, which will be updated regularly
12HRS	12hrs clock display (AM/PM)
DATE	adds a date display to the TitleBar
COMPACT	enables a more compact TitleBar (for people with very big fonts or a very narrow WB screen)
WIDE	enables XXL TitleBar for very wide WB screens

1.38 On-Line Help

 TagScreens

Do you remember this old goodie? ;-)

These functions only affect screens which do not set these parameters themselves, so this should work perfectly together with other TagItem promoters like MagicCX's TagScreens. Additionally all screens with supplied TagLists are not changed unless HARDPATCH is set.

 ToolTypes:

HARDPATCH	if set, NewScreens with TagLists are also affected by the patch
SA_PENS	set DRIPens for ugly looking old programs
SA_AUTOSCROLL	enable AutoScrolling
SA_FONT	use Topaz-8 as default font for old programs

1.39 On-Line Help

 LockPens OS 3.0+

This option is very useful if you use Workbench with many colors. It locks pens 4-7 and sets the colors according to the actual Palette Preferences.

 ToolTypes:

LOCKPENS	enable LockPens
----------	-----------------

1.40 On-Line Help

FixOpenWB OS 3.0+

AmigaOS 3.x has a severe bug when re-opening the Workbench screen, depending on the task priority of the current task the system will hang forever. This option is a workaround for the bug.

ToolTypes:

FIXOPENWB enable FixOpenWB

1.41 On-Line Help

NoCloseWB

If this option is set, only the IPrefs task is allowed to close your Workbench screen. The tasks name MUST be "« IPrefs »", which should be the case since Workbench 2.1. Otherwise the Workbench could not be closed by any task.

ToolTypes:

NOCLOSEWB enable NoCloseWB

1.42 On-Line Help

NoDisplayBeep

This option simply disables Intuition's DisplayBeep() function, thus no application will flash the display anymore.

ToolTypes:

NODISPLAYBEEP enable NoDisplayBeep

1.43 On-Line Help

 Drive Protection

Using the NOFORMAT option you may Format-protect a specific device, but remember that writing of tracks is still possible (Format ... QUICK).

NOBOOTWRITE inhibits writing the first 2 blocks of a specific device, so viruses or any other programs cannot write a BootBlock any longer, which would otherwise destroy the RDB (Rigid Disk Block) of a harddisk.

If IOALERT is enabled any violation of the above options will cause an Alert giving you the chance to ignore (LBUTTON) or cancel (RBUTTON) the operation. If this option is disabled all offending operations are cancelled.

DeviceName is CASE-DEPENDENT and the driver must already be loaded
when starting MultiCX!

ToolTypes:

NOFORMAT=DeviceName	enable NoFormat for DeviceName
NOBOOTWRITE=DeviceName	enable NoBootWrite for DeviceName
IOALERT	enable IOAlert

1.44 On-Line Help

ToolAlias

This very simple ToolAlias option allows you to intercept and replace one or more programs specified by a wildcard pattern by another one, ie. setting "OLDTOOL=#?more" and "NEWTTOOL=SYS:Utilities/MultiView" means that MultiView will be used instead of all programs which names end with "more".

ToolTypes:

OLDTOOL=Pattern	sets pattern for tools to be replaced
NEWTTOOL=Command	sets replacement command

1.45 On-Line Help

LockPatch

This fixes a small OS-bug in dos.library's Lock function. Without this patch some programs will not work properly with muFS etc.

ToolTypes:

LOCKPATCH enable LockPatch

1.46 On-Line Help

ShapeShifter Support

Registered Users only!

If SHAPEFREEZER is enabled, MultiCX will freeze ShapeShifter when it's screen is not in front. This will prevent GfxBoard displays from being trashed by the Mac display.

SHAPECLICKER allows you to use RMB to create a DoubleClick on the Mac.

SHAPESTICK will emulate a Joystick on the Mac side by translating your Joystick movements to keypresses. Default is SPACE for Fire and CURSOR keys for the four directions. Diagonal movements are represented by the corresponding two keypresses. As an example RETURN for Fire and NUMPAD 4,5,6,8 would be correct for F/A-18 and A10-Attack. All Qualifiers except NUMPAD are ignored. Please note that this option will only affect ShapeShifter, so it is compatible to all other programs running on the Amiga side.

Just in case you don't know what the hell I'm talking about...

ShapeShifter is the incredible Macintosh emulator by Christian Bauer.

IMPORTANT NOTES:

- The name of ShapeShifter's main task must be "ShapeShifter", so do not rename the program! Newer versions of ShapeShifter (since 3.2) take care of this automatically.
 - Do NOT use SHAPESTICK if you have anything other connected to your Joystick port (Gameport 1) than a digital Joystick!
 - SHAPESTICK currently only supports ShapeShifter running on it's own screen, it is simply ignored if you run ShapeShifter in a window.
-

ToolTypes:

SHAPEFREEZER enable ShapeFreezer
SHAPECLICKER enable ShapeClicker
SHAPESTICK enable ShapeStick
S_FIRE=Key set Key representing the Joystick's fire button
S_RIGHT=Key set Keys representing Joystick directions

S_LEFT=Key
 S_UP=Key
 S_DOWN=Key

1.47 On-Line Help

Opaque Window Movement and Sizing

These options enable you to move/size windows in full, and not only an ugly frame. But this should not be used on slow machines! If OPAQQUAL is not set and any Qualifier is pressed while moving/sizing a window MultiCX will use the old OS routines.

ToolTypes:

OPAQMOVE	enables Opaque Movement
OPAQSIZE	enables Opaque Sizing
NOSMART	use OS routines for SmartRefresh windows
NOSIMPLE	use OS routines for SimpleRefresh windows
WBONLY	use Opaque functions on WB screen only
OPAQLIMIT=Pixels	limits WindowSize for Opaque functions 0 means "No Limit"
OPAQQUAL=Qual	set Qualifier for Opaque functions

1.48 On-Line Help

Alert Timeout OS 3.0+

This option allows you to set a timeout (in 1/50 seconds) for all system alerts. If the specified period of time has expired the alert will be cancelled, just like you would have pressed RBUTTON.

ToolTypes:

ALERTTIME=ticks	enable and set Alert Timeout in 1/50 seconds, 0 means "No Timeout"
GURUTIME=ticks	set Timeout for Guru messages (Default: 540)

1.49 On-Line Help

WBGauge Registered Users only!

Perhaps you know these gauges from good old OS 1.x times...

If activated these gauges show you how much the device is filled up, just like the percent figure in the windows titlebar.

There are 4 different looks available:

Type 1: OS 2.x Proportional Gadget
Type 2: OS 3.x Proportional Gadget
Type 3: Plain Raised
Type 4: 3D Raised

Just try them all to find out what you like most.

ToolTypes:

WBGauge=type enable WBGauge and select gauge type (1-4),
0 means OFF

1.50 On-Line Help

ScreenMenu

Using this option the depth gadget of a PublicScreen gets a new meaning. If you click it with the right mouse button MultiCX presents a menu from which you may select a screen, which will be brought to front when the mouse button is released. Public screens are marked by "<PUB>" in front of their public name, all others by "<SCR>" followed by the screen's title (if present).

Please note that this function is limited to public screens because a visitor window on a custom screen would never be safe enough.

ToolTypes:

SCREENMENU enables ScreenMenu

1.51 On-Line Help

PubScreenAlias

Many programs can only access a PubScreen using its name but not the frontmost or default PubScreen. MultiCX offers two alias names to access these screens: `_FRONT_` for the frontmost and `_DEFAULT_` for the default PubScreen.

Example: `MultiView MyPicture pubscreen _FRONT_`

Sometimes you may have to edit a programs prefs file using a Hex-Editor.

ToolTypes:

PUBSCREENALIAS enables PubScreenAlias

1.52 CX Pop Key

CX Pop Key

Defines a qualifier and key combination that will open the prefs while MultiCX is active. It should be in the pattern of a leading qualifier followed by any combination of keys, e.g. "LShift X". Legal qualifiers:

Alt - either Alt key
 LAlt - left Alt only
 RAlt - right Alt only
 Shift - either shift key
 LShift - either shift only
 RShift - right Shift only
 LAmiga - left Amiga key
 RAmiga - right Amiga key
 Ctrl - Ctrl key
 NumericPad - numpad key (\$^1\$)
 LeftButton - left mouse button
 RightButton - right mouse button
 MiddleButton - middle mouse button (\$^2\$)

(\$^1\$) Indicates that the key combination will be completed by a specified number and that only use of the numeric pad should be acknowledged, e.g. "Ctrl NumericPad 8" - only keypad 8 completes the combination.

(\$^2\$) Refers to the middle button on optional three button mice.

1.53 Start Priority

Start Priority

Assigns a priority to MultiCX that will be read by Workbench when it scans the WBStartup drawer. Programs with high priority are run first.

1.54 External Preferences

External Preferences

MCXPrefs can be attached to MultiCX so that it will pop up instead of the Workbench information requester. A full DOS pathname for MultiCX to call the preferences by must be entered, e.g. "SYS:Prefs/MCXPrefs".

MultiCX requires "Run >NIL:" to be affixed before the pathname or it will freeze all functions until the preferences "return", but if you fail to enter it then MCXPrefs will affix it when the ToolType saves.

1.55 Force German

Force German

Force usage of german language, may be helpful for German WB 2.0 users.

1.56 Ignore Class

Ignore Class

Allows all other qualifier & key definitions to ignore their ix_Class, normally only RAWKEY is accepted.

1.57 On-Line Help

Index

Screen~Blanker

Moire~Screen Blanker

DPMS

Mouse~Accelerator

Mouse~Blanker

Lefty Mouse

Screen~Cycling

Mouse~Shift

Window~Cycling

SUN-alike~Window~Activation

Title Activator

HoldX~and~HoldY

Enter~ASCII

Map~Umlauts

CapShift

NoCapsLock

Window~Close & Zoom

Window Movement

Window~Remember

CenterScreen

HotFlush

ForceAmiga

PopCLI

PrtSc Hotkeys

FrontPubScreen

System~Flags

Trackdisk~Parameters

Public~Screen~Flags

Clock Sanity Check

Advanced~EditHook

Advanced ResetHandler

SetFunction~Patches

- AssignWedge
- NewLookMenus
OS 3.0+
- NewLookProps
- WBExtender
- TagScreens
- LockPens
OS 3.0+
- FixOpenWB
OS 3.0+
- NoCloseWB
- NoDisplayBeep
- Drive Protection
- ToolAlias
- LockPatch
- Opaque Windows
- Alert Timeout
OS 3.0+
- WBGauge
- ScreenMenu
- PubScreenAlias
- ShapeShifter Support

1.58 On-Line Help

Help

Gadget specific:

If you ask for help on a particular gadget, an AmigaGuide will open on a listing page for the MultiCX feature the gadget is attached to. These listings are taken directly from Martin Berndt's MultiCX documentation, and each one contains an overview of the feature in question, followed

by a full explanation of all the ToolTypes used to control it. When a feature has more than one ToolType, and therefore more than one gadget, all you have to do is look for the one you want to know about. The name of a gadget will closely follow the name of the corresponding ToolType.

Menu invoked:

When the on-line help is called from the menu, an AmigaGuide will open on a page containing a category listing for the prefs page/category you are currently in - input, system and so on. From there you can select the feature you want help with and this will link to a feature listing as described above, from where you can look for the gadget you require help with.

Navigation

From any of the category listings, browsing will cycle through all the listings for the other categories and the contents button will link to an overall contents page. When a feature link is chosen and a feature listing is on screen, browsing cycles through the other features within the current category and the contents button links back to the category listing. The index button always links to a duplicate of the feature list that can be seen in Martin Berndt's MultiCX documentation and the help button will display this very text!