

CX.doc

Fin Schuppenhauer

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COLLABORATORS

	<i>TITLE :</i> CX.doc		
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WRITTEN BY	Fin Schuppenhauer	September 19, 2022	

REVISION HISTORY

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Chapter 1

CX.doc

1.1 CX.doc V 1.1 - Documentation

CX V 1.1 - Documentation

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1.2 Chapter One: What Is CX ?

Chapter One: What Is CX ?

CX is a replacement of the original "Exchange" program from the Workbench. I wrote it, because I need a program with the ability of removing all commodities in the system. And I always wanted to write a commodity.

One of my goals was to be compatible in the using to the original program, but also offer new methods of executing actions. You can select all buttons and gadgets by pressing a key on your keyboard, use the cursor keys to move around in the list of commodities and other things.

I hope, that this version is mostly bug free.

1.3 Chapter Two: Installation

Chapter Two: Installation

To install (and to run) CX you need an Amiga running OS 2.1.

1. Copy the CX program (and it's .info file) to any destiny of your choice, for example

```
COPY (CX|CX.info) TO SYS:Tools/Commodities
```

If you press the following button,

```
Amigaguide
will do that for
```

you:

```
Click me to copy CX!
```

2. Copy the desired catalogs. For example, if you prefer the german language, do the following:

```
COPY Catalogs/deutsch/CX.catalog TO LOCALE:Catalogs/deutsch
```

Again, you can click on the next button to excute this function:

```
Copy german catalog
Copy swedish catalog
```

Note:

Currently only a german and swedish catalog file is included (default language is english - or something like that ;-)

3. If you want this documentation in your S: directory copy it yourself or select this button:

```
CX.doc -> S:
```

Included in this package are the following files:

Filename	Purpose
CX	the program
CX.doc	this documentation
CX.guide	german AmigaGuide file
CX.readme	short AMINET description file
Catalogs/CX.cd	catalog description file

Catalogs/empty.ct	file for interpreters
Catalogs/deutsch/CX.catalog	german catalog file
Catalogs/deutsch/CX.ct	german catalog translation file
Catalogs/Svenska/CX.catalog	swedish catalog file (translated
Catalogs/Svenska/CX_svenska.ct	by Johan Billing)
sym/CommoditiesPrivate.sym	symlol files
sym/ListsAndNodes.sym	
obj/ListsAndNodes.obj	
txt/CommoditiesPrivate.def	defines private functions of the
	commodities.library
txt/CX.mod	source code
txt/CXCatalog.def	catalog definition file
txt/ListsAndNodes.def	
txt/ListsAndNodes.mod	
.info files	

Table 2.1: Package list

1.4 Chapter Three: How To Use

Chapter Three: How To Use

Contents of this section:

	Section

Tool Types	3.1
.....	
The Interface Window	3.2
.....	
The Menues	3.3
.....	

1.5 Section 3.1: Tool Types

Section 3.1: Tool Types

You can run CX either from Workbench or Shell. The same tool types as for the original "Exchange" program are available:

CX_POPKEY=<key codes>

This tool type defines the hot key. When you press the

hot key
on your terminal, CX pops up its
interface
window.

The default is "control alt help".

CX_POPUP=(YES|NO)

Defines the behaviour of CX at first start. If the value of this tool type is set to "YES" (default) than CX opens its window

CX_PRIORITY=<value>

To set the priority of CX set this tool type. Default value is 0.

REQUESTER=(YES|NO)

Set to "YES" to get a requester at "dangerous" functions, like removing all commodities.

Table 3.1: Tool Types

1.6 Section 3.2: The Interface Window

Section 3.2: The Interface Window

The interface window looks similar to this:

```

-----
|+| CX:
      Hot Key
      = <control alt help>                                |#|
|-----|
|
|           Available Commodities
|           Information                                     |
|-----|-----|
|| Commodity 1          | | CX V 1.3 © 1994 Fin Schuppenhauer  ||
|| Commodity 2          | | Controls System Commodities      ||
|| Exchange             | |-----|
|| Other Commodity     | |
|           Show Interface
|
|           Hide Interface
|           |
||           |
|           @ Active
|           Remove
|           |
||           |
|           Disable All
|           Remove All
|           |
|-----|
-----

```


Figure 3.1: Interface Window

Now, just select a field and you'll get more information.

1.7 3.2.1 Available Commodities

3.2.1 Available Commodities

This list view gadget shows you all available commodities. You can select an item by using the mouse or the keyboard.

Button	Function
mouse click	select item
double click	show item's interface
return	dito
cursor up	previous item
cursor down	next item
shift cursor up	first item
shift cursor down	last item
c	next item
C	previous item

Table 3.2: Listview usage

In the bevel box on the right side you can see the title and a short description of the selected commodity.

1.8 3.2.2 Show Interface

3.2.2 Show Interface

Pressing this button opens the interface window of the selected item (if available).

You can also press the "S" or "return" key on your keyboard.

If CX is active, you can press the
 hot key
 to open CX's window.

See also:

Available Commodities
 (section 3.2.1)

Hide Interface
 (section 3.2.3)

Active / Inactive
 (section 3.2.4)

1.9 3.2.3 Hide Interface

3.2.3 Hide Interface

If you press this button the window of the selected item will be closed.

You can press "H" on your keyboard.

To hide the window of CX select the item "Exchange" and press the "Hide Interfache" button or "H".

Other ways to close CX's window are: "ESC", the close gadget,

menu
item "Quit" (in "Project"
menu
) or its aquivalent "ramiga Q".

See also:

Show Interface
(section 3.2.1)

Tool Types
(section 3.1)

1.10 3.2.4 Active / Inactive

3.2.4 Active / Inactive

The cycle gadget shows you the current state of the selected item. You can change this by pressing this button or "A" on your keyboard.

1.11 3.2.5 Remove

3.2.5 Remove

To remove a commodity from the system press this button or "E" on your computer keyboard.

To quit and remove CX, you can also chose "Quit" (or "ramiga Q") in the "Project"

menu
.

1.12 3.2.6 Disable All

3.2.6 Disable All

This new feature allows you to disable all commodities shown in the

```

list
. Instead of pressing the button, you can press "D" on your
keyboard or select "Disable all" in the "Control"
menu
(Shortcut:
"ramiga D").

```

1.13 3.2.7 Kill All

3.2.7 Kill All

If you want to remove all commodities with just one click, press this button or select "Kill all" in the "Control" menu ("ramiga K").

Note:
This will also remove CX.

1.14 Section 3.3: The Menues

Section 3.3: The Menues

CX comes with this menu strip:

Project	Control

About ... ?	
Disable all	D
Hide	H
Kill all	K
Quit	Q

Table 3.3: Menu Strip

1.15 3.3.1 About

3.3.1 About

Shows you my
address
and the version of CX.

See also:

Author's Address
(Chapter 4)

1.16 The Hot Key

Hot Key

If CX's interface window is hidden you can press the hot key and the window pops up (but only when CX is in active state). You can modify the hot key by changing the tooltype entry for CX_POPKEY. The actual hot key combination is shown in the window title.

See also:

Tool Types
(section 3.1)

The Interface Window
(section 3.2)

Active / Inactive
(section 3.2.4)

1.17 Chapter Four: Author's Address

Chapter Four: Author's Address

If you like this program send me a postcard of your hometown:

Fin Schuppenhauer
Brausspark 10
D-20537 Hamburg
(Germany)

If you find any bugs (I won't hope it, but there's at least one bug in every 10 KB of source code), you may want to know my e-mail address:

E-Mail: schuppenhauer@informatik.uni-hamburg.de

Thanks to:

- Miloslaw Smyk (author of "CxCommander"; your source was very helpful to me)
- Martin Mengle & Bernd Jessel (authors of "CXHandler" for inspirations in the interface design)
- Johan Billing (swedish catalog)
- Donald, Nico Johannisson, Michael Wagner

1.18 Chapter Five: History

Chapter Five: History

Version	Remark
V 1.0	first release
V 1.1	better user interface included; removed bug; when CX received a ListChg event it crashes (you should not doing things with a window when there's no one available); removed bug; if you close CX interface window by selecting the close gadget or menu item "Hide" an msg was sent to a non-existing reply port -> system crashes; english documentation
V 1.3	now font sensitive (suggested by various people); new tool type "REQUESTER"; new requester, when removing all commodities (controlable via tool type) (suggested by Johan Billing); menu shortcuts localized; swedish catalog file (translated by Johan Billing)

1.19 appendix

Appendix

Section

Key Codes

..... A.1

1.20 Appendix A.1: Key Codes

Key	Function
a,A	De-/Activate selected commodity
c	Move to the next item
C	Move to the previous item
d,D	Disable all commodities
h,H	Hide interface of the selected commodity
r,R	Remove the selected commodity
s,S	Show interface of the selected commodity
ESC	Close CX's window
RETURN	Show interface window of the selected commodity
Cursor down	Move to the next (or first) item
Cursor up	Move to the previous (or last) item
Shift down	Move to the bottom of the list
Shift up	Move to the top
AMIGA-D	Disable all commodities
AMIGA-H	Hide CX's window
AMIGA-K	Remove all commodities
AMIGA-Q	Quit CX
AMIGA-?	Show authors address
click	(on item) show information
doubleclick	(on item) show its interface window

Table A.1: Key Codes