

AppSizer

COLLABORATORS

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Chapter 1

AppSizer

1.1 AppSizer 0.72 ©1992-1994 Gérard Cornu - Guide summary

AppSizer 0.72 Guide Summary (23-Jun-94)

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1.2 AppSizer copyright and other boring stuff

AppSizer - version 0.72 23-Jun-94

© 1992-1994 Gérard Cornu - Compiled with SAS/C ® 6.51

AppSizer, as well as all the accompanying files, is ©1992-94 Gérard Cornu.

1.3 NO warranty for AppSizer

NO WARRANTY
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There is no warranty for this software package. Although the author has tried to prevent errors, he can't guarantee that the software package described in this document is 100% reliable. You are therefore using this material at your own risk. The author cannot be made responsible for any damage which is caused by using this software package.

## 1.4 AppSizer distribution

DISTRIBUTION  
~~~~~

This software package is freely distributable. It may be put on any media which is used for the distribution of free software, like Public Domain disk collections, CDROMs, FTP servers or bulletin board systems.

In order to ensure the integrity of this software package, distributors should use the complete original distribution. The author cannot be made responsible if this software has become unusable due to modifications of the distribution contents or of the distribution files themselves. There is no limit on the costs of the distribution, e.g. for the media, like floppy disks, streamer tapes or compact disks, or the process of duplicating. Such limits have been proven to be harmful to the idea of freely distributable software, e.g. instead of reducing the price of the floppy disk below the limit, the software was simply removed from the master disk.

Although the author does not impose any limit on the distribution of this software, he would like to express his personal opinions on this matter:

- * This software package should be made available to everyone free of charge whenever it is possible.
- * If you have acquired this software package under normal conditions from a Public Domain dealer on a floppy disk at a price higher than 25FF or US \$5, then you have definitely paid too much. Please don't support this improper profit making any longer and switch to a cheaper source as soon as possible.

Alan Pfeil is certainly allowed to include it in the I.C.P.U.G. Amiga library.

Fred Fish is obviously allowed to include it in its unique AmigaLibDisk library.

Thierry Colin is authorised to include it in the D.P.A.T. collection.

1.5 Fred FISH and the AmigaLibDisk library

FRED FISH and the AmigaLibDisk Library:

```

~~~~~
|~~~~~|
| As regard to Fred and the AmigaLibDisk library, don't forget to |
| contact your club or 'Fish disks' distributor to have them take a |
| regular subscription to the AmigaLibDisk library, if they don't |
| already have one. This is very important for the future of the Amiga- |
| LibDisk library, therefore for the future of the Amiga. |
|~~~~~|
~~~~~

```

1.6 Usage restrictions for AppSizer

USAGE RESTRICTIONS

~~~~~

No program, document, data file or source code from this software neither in whole nor in part, may be used on any machine which is used

- \* for the research, development, construction, testing or production of weapons or other military applications. This also includes any machine which is used in the education for any of the above mentioned purposes.
- \* by people who accept, support or use violence against other people, e.g. citizens from foreign countries.

## 1.7 AppSizer requirement

REQUIREMENT

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AppSizer needs at least KickStart 37.175 to run, and has been developed and tested with KS 37.175 and WB 38.35. Also tested with KS 40.62 and WB 40.29. I can't foresee any reason why it shouldn't work with higher versions as well.

1.8 New for AppSizer

N E W

~~~~~

- AppSizer now tells the number of blocks needed to copy the objects sized on an OFS and FFS disks.
- AppSizer is now localized and supplied with a danish, deutsch and french catalogs.

For other languages I rely on nice people who would return to me the translated 'AppSizer.ct' file, (see below).

If you have WB2.1 or over, and you wish that AppSizer 'talks' to you in Danish, Deutsch or French (not a very good french I'm afraid ;-)) just copy the Locale/catalogs/<language>/appisizer.catalog to your 'LOCALE:catalogs/<language>/' directory.

If on the other hand, you would like to do a translation in another language, use the enclosed 'AppSizer.ct' file, then send me a copy once completed. This will allow me to send you the resulting \*.catalog file and include it in the next release. Thank you in advance.

The 'size engine' of AppSizer hasn't been modified at all, Why? ... I haven't received a single error report about it ;-)

## 1.9 Installing AppSizer

Installing AppSizer:

~~~~~

Open the Install drawer, then double-click on your language's icon, or one of your choosing ;-).

1.10 Introduction to AppSizer

INTRODUCTION

~~~~~

AppSizer is the 'Workbenchised' version of my littl'ol' Sizer utility. Not only is it Workbenchised, but as soon as it is launched it transforms itself into an AppIcon , what a miracle! No... easy, thanks to C= Amiga software people, not forgetting the hardware guys!

I almost forgot to tell you something very important, AppSizer SHOULD be pronounced 'happy sizer' ;-)

## 1.11 AppSizer AppIcon

APPICON

~~~~~

If you need more info about 'AppIcons' have a look in the RCRM Libraries 3rd edition page 359+ (ISBN 0-201-56774-1), or just try AppSizer and you'll quickly know what an AppIcon is ;-).

1.12 Quick description of AppSizer

DESCRIPTION

~~~~~

AppSizer puts an AppIcon on your Workbench (see configuration ).  
Once you drop an icon on top of it, the represented object will be 'sized'  
and a window will open to give you the results.

You can drop several icons at once, using multi or extended selection .

## 1.13 Description of AppSizer's output window

### WINDOW OUTPUT

~~~~~

Block size: 512 bytes, for DH0:Locale

Blocks needed on OFS disks	X	1st line
Blocks needed on FFS disks	X	2nd -
Total number of files	X	3rd -
Total number of directories	X	4th -
Total number of bytes in files	X	5th -
Actual number of blocks used	X	6th -

Actual size occupied : 237056 bytes, 231 K.

The first line tells you how many blocks are needed to copy those objects to an OFS formatted disk.

And the second one tells you the same thing but for a FFS formatted disk.

To get the number of free blocks available on a disk, click on the disk icon, then choose "Information..." from the "Icons" menu.
The number of free blocks is displayed on the top left hand corner of the newly opened window.

I wont explain the 3rd line even if I have to say that it includes the .info file, if any, for each object, and all the files in all the subdirectories, for the fourth one, of course it includes all the subdirectories and sub-sub-sub... directories (if any!) plus the directories given as argument(s).

The 5th line tells you the total number of bytes of all the files and the 6th the actual number of blocks all the files, directories, subdirectories, sub-sub...directories occupy on their respective device. This total includes the user directory blocks, the file header blocks as well as the file list blocks.

Suppose you have 'AppSized' a directory containing 10 files with

a size of 256 bytes each. The 5th line will tell you 2560 bytes, but the 6th will say 21 blocks, 10 for the files themselves, plus 1 block for the 'File Header' for each file, plus 1 block for the dir itself, which gives a total of 21 blocks. Suppose the device on which those files are kept have a real block size of 512 bytes, the total occupied will be 10752 bytes.

For each item it scans, 'AppSizer' looks at the block size of the containing device and calculate the occupied size accordingly.

The block size given in the heading of the results is the data block size of each object.

```
*****
*
* Please note that while the data block size for OFS is 488 bytes, this *
* is the 'usable' size, the 'raw' size is 512 bytes. A non HD floppy *
* has 1758 usable blocks so a raw size of 1758 x 512 = 900096 bytes or *
* 879 KB, this doesn't mean that all that is available for your data. *
* Some of this is used by 'user direcopy', 'file header'and 'file list' *
* blocks. And if you are using OFS (OldFileSystem) for each block of *
* data, 24 bytes are used by the filing system. *
*
*****
```

1.14 Starting AppSizer

```
STARTING APPISIZER
~~~~~
```

It can be started either by entering its name in a Shell (preceded by 'run >NIL:', double-clicking on its icon, or by dropping AppSizer in your WBStartup drawer.

1.15 Removing AppSizer

```
REMOVING APPISIZER
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```

Very easy, just double-click on AppSizer's AppIcon then click on 'Remove AppSizer'.

1.16 AppSizer: AppIcon configuration and output window position

```
CONFIGURING APPISIZER
~~~~~
```

AppSizer (from version 0.61 onward) supports 5 ToolTypes and 5 command line options.

The ToolTypes are:

```
ICON_PATH
ICON_XPOS
ICON_YPOS
WINDOW_XPOS
WINDOW_YPOS
```

The command line template is:

```
ICON_PATH/K,ICON_XPOS/K/N,ICON_YPOS/K/N,WINDOW_XPOS/K/N,WINDOW_YPOS/K/N:
```

ICON_PATH is for specifying an alternate AppIcon , the full path should be given. The '.info' extension is optional. If this tooltype is not set or if this path doesn't indicate an icon, AppISizer will use its internal icon image.

ICON_XPOS and ICON_YPOS are for the X (left position), and Y (top position) of the internal or external AppIcon . Please note that if you specify a position which is already occupied by another icon, or if you specify either position as 0, or if you supply only one position, Workbench will place the AppIcon wherever it sees fit.

WINDOW_XPOS and WINDOW_XPOS are for positioning the top left hand corner of the output window .

The following is only for people who don't know how to use tooltypes:

The ones supplied are in the form:

```
(TOOLTYPE_FOO=<quick explanation text>)    <--- note the parentheses
                                             and the angle brackets
```

If for example you want to use the tooltype ICON_PATH, you have first to remove the two parentheses, then replace the text and angle brackets by your choice i.e.:

```
ICON_PATH=My_icon_assign:contains/the_nicest_icon
ICON_XPOS=500
ICON_YPOS=128
WINDOW_XPOS=50
WINDOW_YPOS=25
```

Command line example:

```
run >NIL: AppISizer icon_path=dir:containing/my_icon icon_xpos=500
icon_ypos=20 window_xpos=120 window_ypos=25
```

Those tooltypes and options were added following suggestions I received from Lucas Janin, thanks Lucas .

1.17 Little warning!

WARNING

~~~~~

A quick word about AppISizer and links. Personally I don't use links, not yet, I didn't get time to look at them! So AppISizer has not been tested with soft or hard links. But don't hesitate to give me any information about them and AppISizer's behaviour.

## 1.18 AppISizer author

Send any suggestion, bug report, compliment ;-), dark chocolate, freely distributable software, 16 Gb hard disks, A3 48 bits colour scanners, CDROM drives and disks, brand new AMIGA 6000 with RISC CPU, etc...

OR JUST A POST CARD (made of dark chocolate!) to:

G rard CORNU  
11 avenue Edouard Aynard  
69130 ECULLY

FRANCE. (WPC)

Have plenty of nice days! ... me too!

Shameless plug...

## 1.19 W.P.C.

World People Community ;-)

## 1.20 Looking for some work...

I can translate documentations of commercial program or hardware manuals, from English or American to French. I have a very good knowledge and experience of the Amiga and computing in general.

Send any proposition to:

G rard Cornu  
11, Avenue Edouard Aynard  
69130  cully  
(France)

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## 1.21 D.P.A.T.

D.P.A.T  
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French PD library, Domaine Public Amiga Toulouse.
Started and managed by Thierry Colin at AmigaNews.

1.22 ICPUG

I.C.P.U.G
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ICPUG is the one and only Independent Commodore Products Users Group.  
ICPUG is a non-profit making voluntary group run by its members for  
its members.

To become a member of this brilliant club contact:

Jonathan Cooley  
ICPUG Membership secretary  
10 Willson Road,  
EGHAM, Surrey,  
TW20 0QB

ENGLAND.

## 1.23 AppSizer's author would like to thank...

(in alphabetical order...)

|                                             |                                                                                                                                                            |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Amiga                                       | For being the best platform to 'work' on.                                                                                                                  |
| Amiga News                                  | The one and only French Amiga magazine edited and published on an Amiga.                                                                                   |
| Commodore-Amiga Software and Hardware Teams | For making and improving it.                                                                                                                               |
| Fred Fish                                   | For the much helpful AmigaLibDisk library .                                                                                                                |
| G rard Cornu                                | For the bad french translations: AppSizer's catalog, install script and AmigaGuide. ;-) ;-/ ;-\ ;-}                                                        |
| Hanns Holger Rutz                           | For the german translations of AppSizer's catalog and AppSizer's Install script (based on Hanns's ChangeIcon's Install.script ;-) and for the suggestions. |
| I.C.P.U.G.                                  | For all the nice guys and gals making it!                                                                                                                  |

Jen Allen                    For the chocolate bars, and everything else!

J r me Chesnot            For all the support and much more.

J rgen Thomsen            For translating AppSizer's catalog and AppSizer's  
Install script to Danish and for the suggestions.

Joy & John Harding        For their kindness, and for showing me their nice  
Devon country.

Lucas Janin                For being the first AppSizer user to tell me so ;-)   
for the suggestions and everything.

Mark J. Lednor             For supplying me with AmigaLibDisks, and loads of  
stuff from Aminet.

Patrick Burnand            For the support and suggestions.

Paul OVERAA                For an helpful article deciding me to start to  
write Sizer, then AppSizer.

P. E. Barba                For the support.

Peter Miles                For having supplied me with AmigaLibDisks, and all  
the help.

SAS/C   Team              For my preferred compiler environment.

Stefan Becker             For the indispensable ToolManager, and for letting  
me use his disclaimer.

Thierry Colin             For having upgraded (just kidding!)

And all the other people for supporting me and/or the Amiga ;-)

## 1.24 AppSizer Guide General Index

APPISIZER GUIDE INDEX

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