

# **IFF-Arranger\_Documentation**

**COLLABORATORS**

	<i>TITLE :</i> IFF-Arranger_Documentation		
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## Chapter 1

# IFF-Arranger\_Documentation

### 1.1 IFF-Arranger V2.2 : Documentation

IFF-Arranger V2.2

- FREWARE -

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This program was written under OS V3.00 and is therefore fully compatible. It needs OS V2.04+.

This program needs : "asl.library" V37+,  
"iffparse.library" V37+.  
"gadtools.library" V37+.

This program supports : "req.library" V2+,  
"reqtools.library" V37+,  
"arp.library" V39+.

Release Date : 27.06.1994

Copyright

Disclaimer

Distribution

Function

Correspondence

System Information

History

More Copyrights

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## 1.2 copyright

The program IFF-Arranger V2.2 and its documentation files are (C)opyright 1992-94 by Andreas R. Kleinert. All rights reserved.

## 1.3 disclaimer

The author takes no responsibility for any results of the use of this program.

This software is provided "AS IS" and there is no warranty of any kind, so that you use this software at your own risk.

## 1.4 distribution

The program IFF-Arranger V2.2 is freely distributable (FREWARE). You may copy it, if the copyright notice is left intact and all of its parts are included in the distribution. This program must not be included in commercial packages or commercial program collections without my written permission. This program must not be sold in any way, but it is allowed to take a nominal fee including the costs for copying.

This program may be put on public domain disks or included in public domain disk libraries.

Special permission hereby goes to Fred Fish's AmigaLib-Disks and the german series (in alphabetical order) :  
AmigaSzene, BerndSPD, FRANZ, GPD, SaarAG, TAIFUN and TIME.

This program may also be distributed via electronic mail and may be put into mailboxes as long as the redistribution conditions are respected in all points.

By using or distributing this program you automatically agree to all of the above conditions and terms.

## 1.5 function

Maybe, you searched a long time for a program, that allows you to freely modify IFF-Files, in ways like adding or removing Chunks. Well, you might have found it, because IFF-Arranger brings to you those possibilities.

Using IFF-Arranger you get the following powerful possibilities in modifying IFF-Files :

- Changing the FORM-Type-ID of a File (e.g. from ILBM to 8SVX)
  - remove "unnecessary" chunks, which need not to be present
  - add new chunks (by loading them inside IFF-Arranger), which you like to be part of your IFF-Files
-

(e.g. AUTH, ANNO, "(c) ")

- Creation and modification of Chunks :
  - common : NAME, AUTH, ANNO, Copyright
  - specific : ILBM-CAMG, ACBM-CAMG, 8SVX-VHDR

The bad :

- Currently only the saving of FORMs is supported (that means : no  
LISTs, PROPs or CATs ... !)

The good (a special feature ...) :

Four different types of File-Requesters are supported.

These are :

- Asl (asl.library V37+)
- Req (req.library V2+)
- ReqTools (reqtools.library V37+)
- Arp (arp.library V39+)

Two (mostly different) types of Mode-Requesters are supported.

These are :

- Asl (asl.library V38+) (available for OS V2.1+)
- <INTERNAL> (internal replacement ) (uses ASL under OS V2.1+)

Note, that the libraries are just opened when they are needed,  
so that you DON'T need all of those libraries to run IFF-Arranger.

(See "Construction / Credits" for more and detailed information and  
for specific copyright notes.)

Usage :

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Well, not much to explain :

Just load a file (or load-add it for keeping the old ones) and then  
select all the Chunks in the ListView-Gadgets, which you wan't to keep  
for the new IFF-File.

These appear in the right ListView (and dis-appear in the left one).

You may "Save As" the right LV's Chunks with the corresponding menu-item,  
so that a FileRequester pops up.

You also may just "Save" a File, when you already specified a FileName.

This is possible by using "Save As" before or just by setting a  
FileName by the special gadget "PopUp FileRequester", which does only SET  
a new FileName (no saving is done).

Note, that Chunks are saved in the same order as in the right LV.

If you do not specify a new FORM-ID in the Sub-Menu "Prefs/Set ID",  
the ID of the first Chunk in the right LV is taken.

Otherwise your self-selected ID is taken.

This allows you to simply change the type of an IFF-File.

Control of Program-Requesters is almost always (where possible)

also allowed via keyboard (see underscored Gadget characters).  
 The CloseWindow-Button (almost always) can be reached via  
 pressing the 'Q' key.  
 Autorequesters can be controlled via the Standard-Sequences  
 <Amiga+V> (OK) and <LAmiga+B> (Cancel).

NOTE : I AM NOT RESPONSIBLE FOR WHAT YOU DO WITH THIS PROGRAM !  
 IF YOU ARE VERY INTERESTED IN SECURITY JUST WORK WITH  
 BACKUPS, BUT DO NOT COMPLAIN ABOUT ME.

NOTE : PLEASE REMEMBER, THAT REMOVING, ADDING OR CHANGING OF  
 COPYRIGHT-NOTES OF IFF-FILES LIKE IN AUTH- OR ANNO-CHUNKS MAY  
 BE ILLEGAL, SO REMEMBER THAT YOU ARE ALSO RESPONSIBLE FOR WHAT  
 YOU DO WITH THIS PROGRAM !

Tooltypes :  
 =====

The letter after the specific command tells you from where it can be  
 reached :

```
C      [ Config-File                ]
T      [ Workbench-Tooltypes, CLI-CommandLine]
A      [ ARexx                      ]
```

	Command	Function	Usage
*1	QUIT	Leave SuperView	[ A ]
*1	REQUEST	Request for loading a File	[ C T A ]
	OPTION_LOAD=<DISK CLIP>	Disk or ClipBoard loading ?	[ C T A ]
	OPTION_SAVE=<DISK CLIP>	Disk or ClipBoard saving ?	[ C T A ]
*2	ERROR_REPORT=<YES NO>	Report Errors ? Or be quiet ?	[ C T A ]
*2	INSTALL_AREXX=<YES NO>	Provide an ARexx-Port ?	[ C T ]
*3	OPEN_GUI	Open the GUI immediately	[ C T A ]
*1	CLOSE_GUI	Close the GUI immediately	[ A ]
	FILEREQUESTER_TYPE= <ASL REQ  REQTOOLS ARP>	Select most-liked FileRequester type.	[ C T A ]
	MODEREQUESTER_TYPE= <ASL INTERNAL>	Select most-liked ScreenModeRequester type.	[ C T A ]

\*1 : not available yet, because ARexx not supported yet  
 \*2 : ignored, but loaded, set and saved properly  
 \*3 : always done by default

Construction / Credits / Specific Copyrights :  
 =====

Users often complain about their program's FileRequesters.  
 Some say "the ARP-Requester is still the best !",  
 others say "the ASL-Requester is the safest", some people  
 "just like the Req-Requester better" and "anyway the ReqTools-Requester

is more flexible than others", may someone say.

All those users might not be able to complain about IFF-Arranger's FileRequester, because it supports all in all FOUR libraries, which allow FileRequester management.

The support of those libraries is perhaps some kind of that, what programmers commonly call "credit", so hereby you get informed about the legal status of the different libraries :

- "asl.library" and "iffparse.library" are part of the Workbench distribution since V2.04.  
Take a look into your manual to get informed about its actual legal status.
- "reqtools.library" is (C)opyright by Nico François.  
It is also freely distributable, but if you own the full distribution, you may also read the doc-file. That's never wrong.
- "req.library" is a copyrighted library, but nevertheless freely distributable. The authors encourage programmers to use it for their own programs.  
As mentioned above you should nevertheless read the Doc-File, if you own a distribution this library.
- "arp.library" is a freely distributable library, which was a result of the famous ARP project.  
Because the dos.library in OS V2.04+ became better than in previous releases, programmers today often only use the ARP-FileRequester. That's what we are doing.  
Because there occurred problems while using ARP-Structure-Defines together with Includes of the other FileRequesters, I had to create my own - slightly modified - ARP-Includes for use with the FileRequester.  
They base on the distribution "AztecArp", which is a modification done by Olaf Barthel and can be found on AmigaLib- (Fish-) Disk #353. (Well, they have been created for Aztec, but I use them with SAS/C : that's compatibility :) )

At last - but not least - I have to thank Jan van den Baard, who wrote that famous CASE-Tool "GadToolsBox" (V2.0c), which I used to create the surface of "IFF-Arranger".

## 1.6 correspondence

If you like, you may send me some money. Perhaps this will motivate me to continue programming such programs or just making updates of this one. Send bug-reports, money or whatever to :

Andreas R. Kleinert,  
Grube Hohe Grethe 23,  
D-57074 Siegen,  
Germany.

email : ...

## 1.7 systeminformation

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IFF-Arranger was programmed on an Amiga 4000 with 68030EC (25Mhz), 4 MB, 85/260 MB IDE/AT-HD and OS 3.00 under SAS/C V6.51.

## 1.8 history

V2.2 : (27.06.1994, original size : 45936 Bytes)

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- now font-sensitive and PublicScreen-friendly
- integrated new ScreenMode-Requester replacement for OS V2.04 users
- removed support for ak\_gen0.library (File- and Screen-Requester)
- now with AmigaGuide-Docummentation
- added AmigaGuide-Online-Help (HELP key)
- added ESC-key support to many windows
- removed some old garbage
- and more

V2.1 : (03.06.1994, original size : 37904 Bytes)

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- use of SAS/C V6.51
- now making use of the global optimizer and other features, which were disabled before
- completely rewrote the management routines for Chunk Lists :
  - no longer fixed size : full dynamic allocation/delocation
  - no longer one list for names, one for Data :  
now we're using customized Lists for the LV-Gadgets
  - more easy access to ListView entries
  - and more
- now using iffparse.library not only for reading, but also for writing of FORMs
- now also reading from and writing to the ClipBoard is possible (options now activated, also added two new menus)
- fixed bug inside the File- and ScreenModeRequester selection, which occured, when a requester was selected the second time. Also the library bases weren't set to NULL after closing.

V2.00 : (original size : 43432 Bytes)

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- use of SAS/C V6.3
- use of GadToolsBox V2.0c
- UNDERSCOREs for the Gadgets
- surface slightly changed
- creation of new Chunks now is possible, separated into two groups : common chunks (NAME, AUTH, ANNO, Copyright) and specific chunks (ILBM-CAMG, ACBM-CAMG)

V1.02 : (original size : 23340 Bytes)

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- fixed the very well known (!) OS-V3.0-gadtools.library-IDCMP\_CLOSE-WINDOW-FLAG-Check-Bug !!!!!  
(have to check with "==" , not "&" because ListViews may cause a CLOSEWINDOW-IDCMP-Bit in the IMsg-Class field, even if GT\_GetIMsg() is used !).
- ... so now we are actually "mostly release 3.0 compatible" !!!
- new documentation (read it ???)

V1.01 : (original size : 23336 Bytes)

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- use of SAS/C V6.00
- added new menu for easy deleting of stored IFF-Chunks
- changed some menu-shortcuts
- more intensive use of "#pragma"s
- changed some texts
- requester, if tried to load non-IFF-File  
(not FORM, LIST, PROP or CAT)
- AK\_GEN0 : Use of AK\_ExtFileRequest()
- and so on

V1.00 :

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- Initial release (FREWARE).

## 1.9 morecopyrights

Some of the mentioned names or products above may be copyrighted by companies or trademarks of companies.

More Copyrights :

- "GadToolsBox" V2.0c is GIFTWARE and  
© 1991-1993 by Jan van den Baard.