

MaudExchange

COLLABORATORS

	<i>TITLE :</i> MaudExchange		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		July 22, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	MaudExchange	1
1.1	main	1
1.2	disclaimer	1
1.3	introduction	1
1.4	Limitations of This Version	2
1.5	Main Menu	2
1.6	pull down menus	3
1.7	about	3
1.8	Change Screen	3
1.9	quit	3
1.10	button interface	3
1.11	maud	3
1.12	aiff	3
1.13	Compression Type	4
1.14	Read Source	4
1.15	Convert Direction	4
1.16	convert	4
1.17	Information Window	4
1.18	shareware	5
1.19	bugs	5
1.20	credits	6
1.21	kamran	6

Chapter 1

MaudExchange

1.1 main

```
MaudExchange v1.11
      by
Kamran Shah
```

```
Distribution and Disclaimer
Introduction
Limitations of this version
How-to section
Shareware
Bugs
Credits
```

1.2 disclaimer

This program is copyright ©1994 Kamran Shah. MaudExchange is Shareware and the Shareware version may be distributed as long as only a minimal fee is charged and the intent is not to make a profit. Support the Shareware concept.

THIS PROGRAM IS PROVIDED ON AN "AS IS" BASIS, NO WARRANTIES ARE MADE, EITHER EXPRESSED OR IMPLIED. IN NO EVENT WILL THE PROGRAMMER, KAMRAN SHAH BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING FROM ANY USE OR MISUSE OF THIS PROGRAM. THE ENTIRE RISK AS TO THE RESULTS AND PERFORMANCE OF THIS PROGRAM IS ASSUMED BY YOU.

BLAME EVERYTHING ON THE MEAN OLD LADY ACROSS THE STREET IT WAS HER FAULT!

1.3 introduction

I bought my Toccata 16 board thinking that I would sample some songs and sounds with it and then use the resulting Audio-Iff (AIFF) files with some other programs that I had. Little did I know that the software that came with the Toccata 16 only supported a proprietary format called "Maud". According to the Toccata's manual, Maud was made so that the sound files could be compressed since Aiff does not directly support compression. Well, this made things difficult for me. I needed (desperately) to be able to use the sampled sounds I digitized with the Toccata into something more universal. Thus began the hunt for a converter on the internet and local BBSes. I found NOTHING! At this point feeling a bit cheated (after all the board was advertised as being able to save in Aiff format!) I began thinking about returning it and getting a Sunrize AD516 board. Well, the fact that the 516 is only \$600 more than the Toccata and the Toccata is an excellent board in itself, I decided I'd rather spend some time and make a little Maud to Aiff converter. It would be a simple CLI command that would convert uncompressed Mauds to Aiffs. Well, after working on it for a little while and getting a lot of ideas for it from a variety of different people (there's a list in the credits section) the program mutated into a workbench version with a lot of other features on the way. Unfortunately, spending so much time on programming hurt my education. I needed to work and make money so I stopped programming. I have decided to release what I have as shareware. If I see any support for it, I will perfect it and add all the things I want in it. Right now, it does what I need so I am not really worried. Check out the Shareware section for more details.

1.4 Limitations of This Version

There are a couple things that this version doesn't do. I didn't purposely cripple it, I just didn't see any point in adding anything more to it than I needed. There are a few open ends. Here is a list:

1. If the program can't get a lock on a screen or open a window, it exits quietly without giving a reason why. I never added any requestors to it.
2. The command line doesn't convert anything. I really didn't need it but I can see how it could be useful to put in a batch file and do mass conversions. Maybe even put it in Directory Opus as a button.
3. It only converts UNCOMPRESSED Mauds to Aiff and it doesn't go the other way. I didn't need to do that for myself.

I can't think of anything else off the top of my head. Oh well..

1.5 Main Menu

Pull Down Menus
Button interface

1.6 pull down menus

About
Change Screen
Quit

1.7 about

Displays version information and such for the program.

1.8 Change Screen

Allows the user to change the public screen that MaudExchange's window is open on.

1.9 quit

This quits the program.

1.10 button interface

Maud File
Aiff File
Compression Type
Read Source
Convert Direction
Convert
Information Window

1.11 maud

This is the name and path of the Maud file. The Maud file should be uncompressed because compression isn't supported in this version.

1.12 aiff

This is the name and path of the Aiff file.

1.13 Compression Type

This selects what kind of compression to put on a file when it's being converted from Aiff to Maud. Your options are:

A-Law
U-Law
None

This feature is not supported in this version.

1.14 Read Source

This reads the header of the source file. If the Convert Direction cycle gadget says Maud->Aiff then it means that the source file is the file shown in the Maud file string gadget. It reads it's header and shows you the info below. If the cycle gadget is on Aiff->Maud the filename in the Aiff file string gadget is thought of as the source and it's header is loaded and the stats displayed. This feature works fully, although Aiff files can't be converted to Maud yet.

1.15 Convert Direction

This gadget controls whether you are converting from Maud to Aiff or the other way around. You can't convert to Aiff yet but if this is on Aiff->Maud you can select Read Source and read the Aiff file header.

1.16 convert

This button is where all the magic happens. Hit this button to start the conversion. Only UNCOMPRESSED Maud files can be converted to Aiff and Aiff's cannot be converted to Maud's YET. There are a couple things to know however. When the conversion starts, there is no way to abort it, YET. Don't click on any of the buttons (I don't disable them) because I really don't know what would happen. :^)

1.17 Information Window

Bits per sample: The number of bits per sample in the file.

Sample Rate: The rate the file should be played back at.

Compression Type: How the file is compressed. (i.e. A-Law, U-Law).

Mode: Whether the file is in Mono, Stereo, or multi-channel mode.

Status: Displays the current status of the program. As in what the program is doing. ←

File Displayed: The file whose information is currently displayed.

1.18 shareware

MaudExchange is being released as Shareware. I spent quite a while on programming this thing and to justify spending any more time on it, I need to get something to show for it. I'm asking \$15 U.S. for it. When you register you will receive a disk with the latest version of the program. Also, if you are a registered user of MaudExchange (or any of my shareware offerings) you will be able to get substantial discounts on anything else that I release as shareware. Plans include a BBS program packed with features and able to run most doors that are available today. The registered version of MaudExchange will be able to convert Aiff's to Mauds, and even compressed Mauds to Aiffs. A maud to Maud decompressor/compressor may also be added. Also, I'm always open to input from users. What would you like to see in the software?

To register, please print out the registration form and fill it in. Then send \$15 + shipping & handling (or more if you like) to:

Kamran Shah
14811 Dodson Dr.
Dale City, Va. 22193
USA

Shipping & handling:

In the US: \$3.00

Outside the US: \$5.00

All funds must be in US dollars.

If you have Internet access, I would appreciate mail telling me that you have sent me your registration. I would then know to look for it in the mail.

Internet Address:

kamran@gcr.com

I hope it's still worthwhile to program on the Amiga. I love the machine but if there is no money to be made in it I will have to look towards the greener pastures of IBM's and even Macs (ewww).

1.19 bugs

1. For some strange reason the "file displayed" text gets trashed whenever you iconify and uniconify the window. Nothing too major.
2. Don't know of anything else. Before reporting any bugs, check the Limitations of this version section out.

To report bugs you can send Internet mail to:

kamran@gcr.com

or write to regular old snail mail:

Kamran Shah
14811 Dodson Dr.
Dale City, Va. 22193
USA

Thanks.

1.20 credits

Programmer: Kamran Shah

Thanks to all of the following:

Chris Rohlf's for invaluable debugging help! Thanks!

John Monaco for making the nifty little icon, especially on such short notice! And for beta-testing my software.

Travis Riggs for beta-testing and suggestions. Also, for staying up all night and listening to me try to debug my program!

Tom Petzwinkler for beta-testing and finding a nasty bug.

Noahji's tech support: Sherwood for good suggestions and inspiration.

This program was made with that nifty tool GadToolsBox by Jan van den Baard. Thanks Jan for GadToolsBox and I'm REALLY sorry I totally forgot to put this in the first release!

1.21 kamran

I can be contacted by internet at:

kamran@gcr.com

or by snail mail at:

Kamran Shah
14811 Dodson Dr
Dale City, Va. 22193
USA

If you need a custom tailored program, send me some mail and I'll look into it. Thanks..
