

Marshall

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Chapter 1

Marshall

1.1 Marshall v2.0 Guide

Marshall v2.0 By: Roger Hågensen.
Copyright: MR.Y Studios International. (MSI)

Introduction

DreamWare

Important

Info

Library

Usage

More Info

Bugs

Author

Contribution

Disclaimer

Copyright

Trademarks

Future

To all

TriQuad

History:

v1.0

v1.0b

v1.1

v2.0

* Roger Hågensen/MR.Y Studios Int. (MSI) Trondheim-Norway 1- ←
October-1995 *

1.2 Marshall v2.0 Guide - Introduction

Marshall is a FileID program that identifies over 326 files/filetypes.
CLI & WB, also ASL/AppMenu/AppIcon multi-selectioninterface is supported.

Some files have extra info: songname/picturesize/samplerate/frames etc.
User specified CLI layout for full compatibility with filemanagers.

ToolType support, internal renamer and lot's more.
For OS2.0 or later!

1.3 Marshall v2.0 Guide - Info

Marshall know all IFF-FORM files, also some odd (non official?) ones.
Even PC/Mac/Atari files are identified,
like bmp/exe/prg/wav/voc/tif and RIFF-FORMAT etc.

Also Amiga icons (including what type),
prefs/config files (and what type) etc.
Even some sourcecode files, and even, well 326 is to many to list!

But 326+ files covers most if not all files that have wrong names etc.
But I will still continue to update Marshall,
and include even more files in the future! =;-D

That is why I created Marshall in the first place,
to help me identify files with wrong names,
or those with no hint to what they are,
or simply they have lost their .iff/.gif/mod. extensions etc.

I actually only use less than 7%,
of the different filetypes Marshall identify.
So you will hardly bump into a file Marshall don't know!
If that happens, let me know and I'll fix it =;-)

1.4 Marshall v2.0 Guide - DreamWare

As of v2.0 Marshall is no longer FreeWare,
instead it's DreamWare =;-)

If you like it/use it regularly,
and you are able to pay for it, then send me £5 pounds =;-)

If you are not able to pay, or like to feel guilty the don't pay =;-)

If you don't send me money send me a card, or spread my name =;-)
Or simply dream that I get famous =;-)

And if £5 is to much/little then send me the amount you want me to have,
and gifts are also accepted!

1.5 Marshall v2.0 Guide - Library

Good news for all filemanagers/viruscheckers/killers and other utils:
Marshall.Library v1.0 is under development,
it will be released under GMS (Galaxy Marshalls, that's my group).

I won't be doing so much work on it,
Dr. Ice of GMS is making the .library version.

Marshall.library v1.0 is based on Marshall v2.0.
Dr. Ice will be making the library DIRECTLY from the Marshall v2.0 source.

1.6 Marshall v2.0 Guide - Important

As of Marshall v1.1, iff.library v22 or higher is needed
to display a ILBM picture's size & depth!

Marshall also need ASL.Library v37 or higher,
if you want to use the REQ option (or use Marshall from WB).

1.7 Marshall v2.0 Guide - Usage

Marshall needs Kickstart V37 (OS2.0) or higher!

Usage: Marshall FILE=name [GUI] [REQ] [APPICON] [HIDE]

name is the file to be checked!

REQ Same as if you started from WB! (the asl filerequester etc.)

GUI means give result/info in a GUI instead of CLI/SHELL,
this may be nice for DirWork/Directoy Opus etc.

APPICON start as a ApplicationIcon (Only works if Workbench i running!)

HIDE start as a menuitem in the Workbench/Tools menu.

Note: REQ and FILE= can't be used at the same time.

REQ option overrides FILE= option:

REQ or FILE= must be used,

but GUI/APPICON/HIDE can be skipped if you want to!

Also the options (including FILE=) may change places,
so you could set the options first and filename last etc,
excellent for those dirutils that only put the filename last.

NOTE! When using the REQ option, GUI is also activated.
NOTE! FILE= or FILE may be used, = can be used as a separator.

Example, Shell:> Marshall GUI FILE silly.file
That will do a filecheck then output result in a GUI.
This example is my setup in DirWork.

Example2, Shell:> Marshall REQ
Opens the filrequester+GUI.

Example3, Shell:> Marshall FILE=silly.file
Just check the file.

When started from WorkBench, REQ and GUI is naturally activated!

Also you may multiselect files:
Just hold down the SHIFT key while selecting
more than 1 file in the filerequester!

Marshall's filerequester also accept multiselection.
(hold down the SHIFT key when selecting more than 1 file).
Marshall now allows selection/multi-selection from the Tools menu,
just like the Icons/Information menu does =;-D

Icon ToolTypes are also supported,
so you can start Marshall from WBStartup with the HIDE option.
There is also a APPICON ToolType, witch put a icon on your WB,
you may drop or multidrop icons or activate Marshall with it.
Use the WB menu option: Icon/Information to see the ToolTypes etc.

Just remove the: () on both sides of HIDE or APPICON to enable the option,
if you put Marshall in WBStartup remember to do the same with
the DONOTWAIT option.

(Read your WB manual for more info on the above).

1.8 Marshall v2.0 Guide - More Info

The test speed of Marshall (including a ascii check) is ca. 1-2 ←
seconds.

Speed is from a A500+ (ECS/A+), 68010/7MHz CPU, 2MB fastram and OS3.1,
If you have a A4000 (AGA) with 68040/50MHz (maybe even a 68060?),
well with that power I'm afraid to think of HOW FAST it is =;-)

NOTE! If you use floppy rather than HardDisk or Ram,
Marshall may take 2-3 seconds.

Marshall has got a TriQuad error reporting system!
User error.....: Usually you are informed with a line of text!
Dos error.....: A dos error number may also be given sometimes!
Internal error: WARNING, you only get this if it is REALLY serious!
Marshall error: My own error information system!
Read

Errors
for more info!

Marshall can also rename the checked file!
This can only be done with the GUI/REQ option or when started from WB!
3 lines of text are shown:
The first is the name of the file,
the second is an advice to what filename extension you should use.
The third line is also the file name, but it can be edited,
when you are done press return and select Change!

When no GUI is used, advised name will also be shown in CLI/Shell!

That's it, oh yes! (when using the REQ option or starting from WB)
You will then get a requester with 3 options:
Hide - If WB is running, Marshall can be hidden in the Tools menu,
to return to Marshall just select Marshall in the Tools menu!
AppIcon - If WB is running, Marshall can turn into a Application icon,
to return to Marshall just double-click the AppIcon!
Quit - Does what it says!
Check - Returns you to the filerequester!

1.9 Marshall v2.0 Guide - Known Bugs

None, well I haven't found any in Marshall v2.0!

But I think I found one in the Amiga CLI/Shell!

Example: If a filename/commandline ends in a Plus sign "+",
then CLI/Shell removes it or something (?).
So if you give Marshall a file name like this:
Marshall FILE=DF1:File/Test/C++
then try if possible to use "" like this:
Marshall FILE="DF1:File/Test/C++"
May be difficult if you use a filemanager!

I'm not shure if this bug is on MY machine or just in OS3.1,
but try to test it like this: Echo C++
See what comes out, if it looks like it crashed press return once,
the output should be just: C+ (Weird isn't it?)
But if you use: Echo "C++" then everything comes out ok =;-)

1.10 Marshall v2.0 Guide - Author

(Contact me for bugs/suggestions etc.)

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1.11 Marshall v2.0 Guide - Contribution

If you want me to make Marshall identify a new fileformat,
send me a copy of the file (preferably a copy of several files).

And if possible info on a special ascii or hex strings & characters,
so I can tell Marshall too look at that spot for the ID!

(Try to give me this: The file(s), position of ID, the ascii or hex ID.)

1.12 Marshall v2.0 Guide - Copyright

Marshall is copyright 1995 by Roger Hågensen (MSI).
This program must not be disassembled/reverse-engineered etc,
nor is the contents of the distribution archive to be changed!
If anyone find a unofficial version or the sourcecode,
then contact me at once, since it's guaranteed to be a fake!

For use on coverdisks/cd's etc, send me a copy of the magazine & disk/cd!
Fred Fish, Aminet CD's and BBS's may distribute Marshall UNCHANGED!
Magazines must send be a FREE COPY of the issue Marshall is on,
and if you send me £5 i will send you software in the future.

For Shareware/LicenseWare/Semi-Commercial and Commercial usage,
you MUST contact me for an agreement!

You may contact me to verify/get my PGP public key,
if you don't trust the contents in this archive!

1.13 Marshall v2.0 Guide - Disclaimer

This program is DreamWare (NOT PD), no profit on Marshall is allowed!
Marshall is distributed AS IT IS, no warranties/guaranties of any kind.
I am not responsible if this program damages your software/hardware!

However! This program have been tested and the author use it himself!

Note! marshall.library IS NOT a part of the Marshall program,
the library is a separate product and
nothing in this document have anything to do with it.
That also includes copyright/disclaimers/DreamWare and usage!
Read the marshall.library document for information on it,
it should be available soon from GMS (Galaxy Marshalls).

1.14 Marshall v2.0 Guide - History v1.0 - 15628 bytes

v1.0 = "21-May-1995" Initial release!
Runs from both CLI & WB.
asl.library used for requester!
Over 100 files identified!

1.15 Marshall v2.0 Guide - History v1.0b - Not official

v1.0b = "13-June-1995" Unofficial v1.1 (Beta/Test version).
Only one copy has been released (to a friend).
Wonder how fast it's spread (if at all =;-)
Changed the layout (CLI/WB) a little!
Made to work better with DirWork/DOPUS and similar programs!
Over 178 files identified.

1.16 Marshall v2.0 Guide - History v1.1 - 65628 bytes

v1.1 = "2-July-1995" Major release, delayed to add plenty files!
Some changes on text, internal check structure changed!
If a file is smaller than the buffer,
then deeper checks are skipped.
Checking is done in a 1-1280 way, small checks first and larger
at the end of the 1280 bytes buffer, speed is a little faster!
CLI options added: FILE=, GUI and REQ.
ASCII check included, speed remain the same: 1 second =;-)
Identifies many sourcecodes, even AmigaE compiled programs =;-)
TriQuad error reporting system included!
Now the filename may be renamed from Marshall,
and gives you a advised filename extension too =;-)
Over 252 files identified!

1.17 Marshall v2.0 Guide - History v2.0 - 83376 bytes

v2.0 = "1-October-1995" Major release/Major improvements and changes.
Some NON fatal bugs removed, most likely you never found them!
Also fixed & updated the doc/history, seems like I forgot to set
the date at "NOT-YET-1995" Hirr hirr, =;-)
Bugfix in the FORM/IFF checking,
now Marshall show you what filetype it is
even when it don't have any info on it.
Also fixed the font size numbering,
so now the number of sizes is shown instead of 0,
seems like these bugs was born in v1.1 =:-(
Fixed a bug in the 8svx routine, all samplerates now accurate.
Yeah, Marshall finally support multi-selection,
managed to clear my mind just enough to get it done =;-)
Now the menu GUI pop's up instead of the ASL requester,
used to be a bit anoying before, when finished checking =;-)
ToolTypes and AppMenu/AppIcon with multi-selection supported,
HIDE and APPICON options/ToolType's added,
Marshall has got a new icon.
Changed internal structure a bit,
Marshall uses a Reverse Size Check structure now,
and it's much more accurate, GUI polished!
Added 6 more errors to TriQuad, .doc changed to .guide.
Over 326 files identified!

1.18 Marshall v2.0 Guide - Trademarks & names

Some of the names in this text & Marshall's information, is the trademarks/logos of several companies/people.

IFF.Library is copyright by: Christian A. Weber
ASL.Library is copyright by: Amiga Technologies GmbH
Workbench is copyright by: Amiga Technologies GmbH
Marshall is copyright by: MR.Y Studios International (MSI)
TriQuad is copyright by: MR.Y Studios International (MSI)
Marshall.Library is copyright by: Galaxy Marshalls (GMS)

TriQuad "the error reporting system" was created by me, but feel free to use the idea and name in your own products =;-)

1.19 Marshall v2.0 Guide - The future

In future versions, hopefully even more mods/samps/pics will have name/samplerate/size & depth etc, included.

I need more file formats/types.
As far as I know, only FileID.Library is better than Marshall v2.0
But FileId is a library (a good one too),
and Marshall is a program.
I'd like to see Marshall to have as many files as FileId.Library,
Marshall is not going to be a replacement for file.libraries,
but rather a alternative for those who can't find the libraries or
programs that use them or simply you need extra info on the files.

Marshall.Library however may become a competitor to FileId.Library,
hopefully it will be a friendly fight =;-)
But then again I'm not the one who are making the Marshall.Library,
I'm making Marshall "The Father", and in the future
I may support the FileId.Library and use it to check the files
if Marshall can't ID the file, but there will be less info then!

Now Marshall has passed the 80 KB mark, and is still growing.
Marshall.Library will be a lot smaller, since no extra info is shown.
Marshall v1.0 was only 15 KB, so there is alot of info etc in v2.0

If you are one of the people behind any of the filetypes
Marshall identify then why not send me info on that format,
so that i may give even more info on your files in a future
version of Marshall, it makes your users happier =;-)

1.20 Marshall v2.0 Guide - To all

ILBM's, 8SVX's, GIF's FLI/FLC's all have size, depth, rate or frame info.
I need more info so I can display size etc, on JPEG and other formats.
Also i need some help to get the depth of a GIF87a/89a picture.
So please send me some textfiles or letters with info on ANY fileformat!

And to everybody who are making animation programs:
Please use the DPAN chunk in your FORM ANIM files,
DPaint have been using it for some time now and it's VERY
easy to find the number of frames in the animation!

Also big greetings to the author/father of AmigaE,
I love your LIBRARY option Wouter =;-),
How about a -> OPT VERSIONSTRING='\$VER: blabla' <- ???
It's VERY difficult to get the \$VER as close as possible
to the beginning of a program!

And a big hello to everyone that makes use of existing fileformats:
like FORM's (IFF's) and also those who uses a logical ID on their files,
unlike some files like modules, mpeg and other files,
that DON'T have a fileformat but is just a file (?)

Please keep your fileID's on a FIXED location
at the beginning of your files,
maybe among the first 40 bytes of a file =;-)
(IFF-FORM style preferred!)
A lot easier to ID them then =;-)

Amiga forewer! (Go ESCOM) - And don't brake the Laws of the files,
Marshall have already captured 326 files =;-D

1.21 Marshall v2.0 Guide - TriQuad - The error reporting system

Marshall's TriQuad error reporting system!

User error: Tells you the error in plain english (DOS style)!

DOS error: Gives you a DOS error code,
see your DOS manual for information on these codes!

Internal error: Hopefully you will never get this one,
but if you do, report this error to me!

Marshall error: Not only errors, but also faults, information etc.
In most of the cases Marshall will continue to work.
If used from WB and you select a non existing file,
you will get a "Marshall error: 08"
If you click cancel in the filerequester,
you will in the GUI see "Error: xx"
The previous error is always shown!

Marshall error is mainly for bug finding etc,
but you benefit from it to, plus you can report this error to me
if Marshall fail to work correctly!

These are the Marshall v2.0 errors:

- 00 - No error!
 - 01 - Kickstart v37 or higher required!
 - 02 - Can't get a lock on wbargs!
 - 03 - Can't open filerequester!
-

04 - Can't open asl.library/v37 or higher required!
05 - Can't add MenuItem!
06 - Can't create MsgPort! (HIDE)
07 - Can't open workbench.library/v37 or higher required! (AppMenu)
08 - Can't open file! (filerequester)
09 - File not found! (filerequester)
10 - Can't open file! (CLI/SHELL)
11 - You forgot the filename, REQ was taken as a file and not as a option!
12 - You forgot the filename, GUI was taken as a file and not as a option!
13 - You used Marshall ? for template and pressed return with no arguments!
14 - File not found! (CLI/SHELL)
15 - Bad argument, you used a non existing argument/option!
16 - Can't rename file!
17 - Failed to read info about available font sizes!
18 - Failed to find ViewMode info! (ILBM:size,height,depth)
19 - Failed to read BitMapHeader! (Can't check for ILBM:ViewMode)
20 - Can't open iff.library/v22 or higher required! (Can't check ILBM/ANIM)
21 - Failed to find VoiceHeader! (Can't check samplerate)
22 - Can't open icon! (ToolTypes)
23 - Can't open icon.library/v37 or higher required! (ToolTypes)
24 - Can't create MsgPort! (AppIcon)
25 - Can't make AppIcon!
26 - Can't open Icon! (AppIcon)
27 - Failed to find ViewMode info! (ANIM:size,height,depth)
28 - Failed to read BitMapHeader! (Can't check for ANIM:ViewMode)
29 - Can't open workbench.library/v37 or higher required! (AppIcon)
30 - Can't open icon.library/v37 or higher required! (AppIcon)
