AmTAGID3

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	COLLABORATORS		
	TITLE : AmTAGID3		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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	REVISION HISTORY		
NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

AmTAGID3

1.1 AmTAGID3 - AmigaGuide documentation

```
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      _____

            Welcome to the AmTAGID3 2.0 AmigaGuide,
            © 1998 by Georges 'Melkor' Goncalves
      _____


  If you have installed 'SearchGuide' by Gérard Cornu,
you can  Search  for a word or sentence in this guide.
```

```
                ................ Who do I thank?


                Glossary
                ............... What are you talking about?

   This guide will not appear correctly if you do not have AmigaGuide_DT V40+
```

1.2 AmTAGID3 / Introduction

```
                AmTAGID3

  AmTAGID3 is a useful program to edit the
                TAG ID3
                part of a
                MPEG Audio
                 file, with features as follows :

   ·   Read the TAG ID3 info from any MPEG Audio file.

   ·

                Write
                the TAG ID3 info to any MPEG Audio file.

   ·

                Wipe
                the TAG ID3 info of any MPEG Audio file.

   ·

                Displays
                the duration of the MPEG Audio file.

   ·

                Show & edit
                the AmigaDOS comment of the MPEG Audio file.

   ·   Press « Help~» over the gadgets to get context sensitive online help.

  AmTAGID3 is Shell only but this was intended from the start :)

  This programs is NOT FreeWare... It's EMailWare and/or PostCardWare.  This
  means that if you like and use this program, you have the moral obligation
  to send an EMail and/or a PostCard (your country,  city,  etc...)  to  the

                author
                :-)
```

1.3 AmTAGID3 / Disclaimer: Blah, blah, blah...

```
                Disclaimer
```

There is no warranty for this program to the extent permitted by
applicable law. Except where otherwise stated in writing the copyright
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Contact
            Georges 'Melkor' Goncalves
          , author.

1.4   AmTAGID3 / Author

 Author

 AmTAGID3 was designed and programmed for the Amiga by :

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      22 rue Morand
      F-75011 Paris
      France

      EMail: melkor@lords.com

1.5   AmTAGID3 / Requirements

             Requirements

 AmTAGID3 requires :

    Kickstart V39 (OS 3.x) or above.

             Magic User Interface
             V3.8 or above.

             BetterString.mcc

```
            V11.2 or above.

 Install AmTAGID3 :

     Anywhere in your path :)

 MUI :

     If you do not have MUI you will have to download it from somewhere and
     install it. The latest version on Aminet is 3.8. MUI is much too large
     to be included here.
```

1.6 AmTAGID3 / Usage

```
                Usage

 AmTAGID3


            The command line
            ................ Giving arguments via the Shell

            The famous GUI
            ................ Visual part of the iceberg.

 The best usage is of course within a file manager like DOpus,  or  another
 one,  and  configure  a  button with it. Here is a sample configuration for
 Directory Opus 5 Magellan :


 Function : AmigaDOS   C:AmTAGID3 {o}

 Flags : CD Source
         Run asynchronously
         Do all files

 Look
            here
            for more info about using it within a file manager.
```

1.7 Command line arguments

```
            Command line arguments

 Pretty simple. As AmTAGID3 uses the ReadArgs function from the dos.library,
 the command line arguments are really easy to use and understand  both  for
 the user (you) and for the developper (me) ;-)

 The template is as follows :
```

```
              MPEGFILE/A

              NQR=NOQUITREQUEST/S

              GL=GENRELINES/K/N

              RS=REMSPACES/S

              TN=TRACKNUMBER/S

              NOGUI/S
               \textdegree{}
              NI=NOINFO/S
               \textdegree{}
              NO=NOTAGS/S
               \textdegree{}
              LI=LINEINFO/S
               \textdegree{}
              AC=AMIGACOMMENT/S
               \textdegree{} means that the specified command line switch only  ←
                    make   sense   when   the
   option NOGUI is used.

 Note : Any error regarding the command line (ie: no filename supplied,  non
 existing file, etc...) generates an error message which is displayed on the
 default output (most of the time, the shell console)
```

1.8   Command line arguments / MPEGFILE/A

```
 MPEGFILE/A (ARGUMENT, mandatory entry)

   The name of the MPEG  Audio  file.  You  MUST  enter  a  name,  otherwise
   AmTAGID3 won't run.
```

1.9   Command line arguments / NQR=NOQUITREQUEST/S

```
 NQR=NOQUITREQUEST/S (SWITCH, optional)

   This option makes AmTAGID3 react differently when  quitting.  By  default
   it asks you if you really want to quit. This requester avoid quitting the
   the program by accidentaly pressing ESC (which is the default  hotkey  to
   close MUI windows). This option removes this safety requester in case  it
   bores you :)

   NQR is short for NOQUITREQUEST.
```

1.10   Command line arguments / GL=GENRELINES/K/N

```
GL=GENRELINES/K/N (KEYWORD, numeric, optional)
```

   This option lets you specify the number of visible lines of the genre
   list. There's no limit check for this option. If MUI isn't able to open
   the list as big as you like with the list font, it'll fallback to tiny
   font and then to Topaz8 ROM font is it's still too big. Finally, if you
   have specified a too large amount of visible lines (ie: 150), the list
   won't open. Be aware of that :)

   GL is short for GENRELINES.

1.11   Command line arguments / RS=REMSPACES/S

```
RS=REMSPACES/S (SWITCH, optional)
```

   This option is for crappy TAG ID3 editors like MP3Info (UNIX), WinAmp
   (Win95/NT) which fill up the empty parts of a field with SPACES instead
   of ZEROS (char '\0'). This option allows you to remove those useless
   and ugly spaces.

   Before : Title "Some title   "
   After : Title "Some title"

   RS is short for REMSPACES.

1.12   Command line arguments / TN=TRACKNUMBER/S

```
             TN=TRACKNUMBER/S (SWITCH, optional)
```

 Before anything, read
               TAG ID3
               section about restrictions.

   GUI

   This option add a little slider gadget right to the comment string
   gadget. Clicking on it allows you to set the Track Number of the CD the
   song was extracted from.

   Holding the mouse over it some time displays a bubble help indicating
   the shorcut to access this gadget.

   Shell

   This option allows you display the « Track » field is present in case
   you use the
               NOGUI
               option. The TAG ID3 part of the output looks
   like this :

```
Title   : Amiga forever
Artist  : Paula
Album   : Amiga is born
Year    : 1985
Genre   : Other
Track   : 1
Comment : In memory of Jay Miner
```

If you don't specify the option TN=TRACKNUMBER/S but the TAG ID3 contains info about it, a little note is added right to the COMMENT field of TAG ID3 if it exists so it looks like this:

```
Title   : Amiga forever
Artist  : Paula
Album   : Amiga is born
Year    : 1985
Genre   : Other
Comment : In memory of Jay Miner  (uses the « Track » field, value of « 1~»)
```

TN is short for TRACKNUMBER.

1.13 Command line arguments / NOGUI/S

```
        NOGUI/S (SWITCH, optional)
```

This option allows you to NOT display the MUI GUI and no MUI part is loaded when this option is specified. This option is useful for basic MPEG Audio database creation when AmTAGID3 is used in conjunction with directory utilities such as List or any other tool like that with LFORMAT capabilities.

If you specify this option, then some of the following options may be useful. They only make sense with this option activated, otherwise, they have no effect.

```
        NI=NOINFO/S

        NO=NOTAGS/S

        LI=LINEINFO/S

        AC=AMIGACOMMENT/S
            Specifying both NOINFO and NOTAGS is of little interest as  ↩
                nothing  is
displayed to the output ;)
```

Unless NOINFO and/or NOTAGS are specified, the default output is :

```
Shell> AmTAGID3 "Amiga forever.MP3" NOGUI
Version   : MPEG-1
Layer     : III
Mode      : Joint-Stereo
```

```
Bitrate   : 128Kbps
Frequency : 44100Hz

Title   : Amiga forever
Artist  : Paula
Album   : Amiga is born
Year    : 1985
Genre   : Other
Comment : In memory of Jay Miner
```

1.14   Command line arguments / NI=NOINFO/S

```
NI=NOINFO/S (SWITCH, optional)

  This option prevents AmTAGID3 from displaying infos about the MPEG Audio
  file so the output only looks like this :

  Shell> AmTAGID3 "Amiga forever.MP3" NOGUI NOINFO
  Title   : Amiga forever
  Artist  : Paula
  Album   : Amiga is born
  Year    : 1985
  Genre   : Other
  Comment : In memory of Jay Miner


  NI is short for NOINFO.
```

1.15   Command line arguments / NT=NOTAGS/S

```
NT=NOTAGS/S (SWITCH, optional)

  This option prevents AmTAGID3 from displaying the TAG ID3 from the  MPEG
  Audio files file so the output only looks like this :

  Shell> AmTAGID3 "Amiga forever.MP3" NOGUI NOTAGS
  Version   : MPEG-1
  Layer     : III
  Mode      : Joint-Stereo
  Bitrate   : 128Kbps
  Frequency : 44100Hz


  NT is short for NOTAGS.
```

1.16   Command line arguments / LI=LINEINFO/S

```
LI=LINEINFO/S (SWITCH, optional)

  This option gives an alternative way of displaying info about  the  MPEG
  Audio file. It is displayed in one line and the output looks like this:

  Shell> AmTAGID3 "Amiga forever.MP3" NOGUI LINEINFO
  MPEG-1 Layer III Joint-Stereo 128Kbps 44100Hz

  Title   : Amiga forever
  Artist  : Paula
  Album   : Amiga is born
  Year    : 1985
  Genre   : Other
  Comment : In memory of Jay Miner


  LI is short for LINEINFO.
```

1.17   Command line arguments / AC=AMIGACOMMENT/S

```
AC=AMIGACOMMENT/S (SWITCH, optional)

  This option allows you to output the AmigaDOS comment field if there  is
  one  after  the  MPEG  Audio  infos  and the TAD ID3. It looks like this
  (provided you have set the AmigaDOS comment field the way it appears :)

  Shell> AmTAGID3 "Amiga forever.MP3" NOGUI AMIGACOMMENT
  Version   : MPEG-1
  Layer     : III
  Mode      : Joint-Stereo
  Bitrate   : 128Kbps
  Frequency : 44100Hz

  Title   : Amiga forever
  Artist  : Paula
  Album   : Amiga is born
  Year    : 1985
  Genre   : Other
  Comment : In memory of Jay Miner

  [ 3:18 ] by Paula. Album « Amiga is born » (In memory of Jay Miner)


  AC is short for AMIGACOMMENT.
```

1.18   The user interface

```
              The user interface


              Menus
```

```
                        ----------------- MP3 file -----------------

                    Amiga forever.MP3
              3:10
                        ----------------- TAG ID3 -----------------
               Title
        Amiga forever
                          Artist
        Paula
                          Album
        Amiga is born
                           Year
          1985
            Genre
               Other
         P
                          Comment
        In memory of Jay Miner
         1
                        ------------- AmigaDOS comment -------------

        [ 3:18 ] by Paula. Album « Amiga is born
         P
                        -------------------------------------------

              TAG ID3 successfully loaded...
                        ---------------- Controls -----------------


           Okay

          Write

          Wipe...

          Cancel
          Note : Pressing ESC (MUI default key to close windows)  or   ←
                 selecting  the
```
menu item « QUIT~» exits AmTAGID3 without warning you about writing the
TAG ID3 in case you have modified some fields. The only warning you get is
the "Are you sure to quit ?" in case you have not used the
NQR=NOQUITREQUEST/S in the command line arguments.

Note : Any error regarding the user interface (ie: couldn't write the
TAGID3, couldn't read, wipe, etc...) generates an error message which is
displayed on a MUI requester.

1.19 GUI / Menus

Menus

  Project
```
+---------------------------+
| About...           |A| ? | ................ Shows the about window.
| About MUI...           | ................ Calls the MUI about window.
| ~~~~~~~~~~~~~~~~~~~~~~~~~ |
```

```
| MUI settings...            | ............... Calls the MUI prefs program.
| ~~~~~~~~~~~~~~~~~~~~~~~~~ |
| About MPEG Audio... |A| I | ............... Displays MPEG Audio info.
| ~~~~~~~~~~~~~~~~~~~~~~~~~ |
| Quit...             |A| Q | ............... Quits AmTAGID3.
+---------------------------+
```

1.20   GUI / MP3 file

 MP3 file

  This text gadget only displays the MPEG Audio filename, without the path.

1.21   GUI / MP3 duration

                MP3 duration

  This text gadget only displays the duration of the MPEG Audio file.

  Note : Every MPEG Audio file is supported so the duration calculation
  should always be performed. Tell
                me
                if it's not the case.

1.22   GUI / MP3 title

 MP3 title

  This string gadget allows you to view/change the TAG ID3 title.

  Note : If you alter the contents of this gadget and press RETURN, then a
  requester will prompt you to write the TAG ID3 in case you press « Okay~»
  or « Cancel~».

1.23   GUI / MP3 artist

 MP3 artist

  This string gadget allows you to view/change the TAG ID3 artist.

  Note : If you alter the contents of this gadget and press RETURN, then a
  requester will prompt you to write the TAG ID3 in case you press « Okay~»
  or « Cancel~».

1.24   GUI / MP3 album

 MP3 album

  This string gadget allows you to view/change the TAG ID3 album.

  Note : If you alter the contents of this gadget and press RETURN, then a
  requester will prompt you to write the TAG ID3 in case you press « Okay~»
  or « Cancel~».

1.25   GUI / MP3 comment

                  MP3 comment

  This string gadget allows you to view/change the TAG ID3 comment.

  If the
                  TN=TRACKNUMBER/S
                  option is specified on command line, the comment
  field is limited to 28 chars because of the two bytes taken from the Track
  field. More info about it
                  here
                  .

  Note : If you alter the contents of this gadget and press RETURN, then a
  requester will prompt you to write the TAG ID3 in case you press « Okay~»
  or « Cancel~».

1.26   GUI / MP3 year

 MP3 year

  This string gadget allows you to view/change the TAG ID3 year.

1.27   GUI / MP3 genre text

 MP3 genre text

  This text gadget allows you to view the TAG ID3 genre.

  Note : If you alter the contents of this gadget and press RETURN, then a
  requester will prompt you to write the TAG ID3 in case you press « Okay~»
  or « Cancel~».

1.28   GUI / MP3 genre list

MP3 genre list

  This list gadget allows you to view all the TAG ID3 possible genres.

  Note : If you alter the contents of this gadget and press RETURN, then a
  requester will prompt you to write the TAG ID3 in case you press « Okay~»
  or « Cancel~».

1.29   GUI / MP3 genre popup

MP3 genre popup

  This popup gadget allows you to display the list of TAG ID3 genres.

1.30   GUI / AmigaDOS comment

                   AmigaDOS comment

  This string gadget allows you to view/change the AmigaDOS comment. You can
  press the hotkey "Control + p" inside the string gadget, in order to
  display the
                   Popup ListView
                     .

  Holding the mouse some time over the bar above the string gadget displays
  a bubble help indicating the shorcut to access this gadget.

  Note : If you alter the contents of this gadget and press RETURN , then an
  AmigaDOS comment will be written to the file. A requester will popup in
  case of a problem.

1.31   GUI / AmigaDOS comment Popup ListView

AmigaDOS comment Popup ListView

  This ListView allows you to insert some TAG ID3 fields in the AmigaDOS
  comment string gadget. The list only contains the available TAG ID3
  fields. Press RETURN to insert an item and ESC to leave the list without
  changing the AmigaDOS comment string.

  Note : In order to SET the AmigaDOS comment to the MPEG Audio file, you'll
  have to press RETURN in the AmigaDOS comment string gadget. This list only
  inserts a chosen TAG ID3 field in the string, nothing more.

1.32　GUI / Status text

```
Status text
```

 This text gadget allows you to view the status of the program. It'll be
 filled up when you'll perform actions such as reading, writing and wiping
 the TAG ID3. It'll warn you if AmTAGID3 isn't able to calculate the
 duration of the MPEG Audio file.

1.33　GUI / Okay

```
Okay
```

 This button gadget simply quits AmTAGID3.

 Note : If you have altered the contents of Title, Artist, Album, Year
 Genre or Comment, then a requester will ask you if you want to write the
 TAG ID3 before quitting.

1.34　GUI / Write

```
Write
```

 This button gadget writes TAG ID3 to the MPEG Audio file.

 Note : If any problem occurs, a requester will popup.

1.35　GUI / Wipe

```
Wipe
```

 This button gadget wipes the TAG ID3 out of the MPEG Audio file. A
 requester will ask you for confirmation first.

 Note : If any problem occurs, a requester will popup.

1.36　GUI / Cancel

```
Cancel
```

 This button gadget simply quits AmTAGID3 but generating an error code
 level of 40. This big level is bigger than RETURN_FAIL (which is 20) to
 ensure that the command will STOP the current script (if any). This
 behaviour is very useful on scripts. ie: If you're using a filemanager
 (like DOpus or any other), select several files to process with AmTAGID3
 and for some reason want to stop, then pressing « Cancel~» will STOP
 the script (or you have at the top of the script a FailAt command with

```
more than 40 as fail level !!!)
```

```
Note : If you have altered the contents  of  Title,  Artist,  Album,  Year
Genre or Comment, then a requester will ask you if you want to  write  the
TAG ID3 before quitting.
```

1.37   Important things to know

```
                Important things to know
```

```
This section points out some problems  in  order  to  let  you  know  some
important  things.  It can also serve as answers to some of your questions
about my decisions on the features of this program.
```

```
                Genres problem
```

```
                Track number restriction
```

1.38   AmTAGID3 / History

```
                History
```

```
Versions 1.0, 1.1, 1.2, 1.3
  - Internal
```

```
Version 1.4
  - First public release, waiting the flames :)
```

```
Version 1.5
  - Fixed cosmetic bug with time display. "1:02" would be displayed "1:2"
  - Added more safety checks for MPEG Audio files. Should be a lot harder
    to fool now :)
  - Now using the
                BetterString.mcc
                from
                Allan Odgaard
             .
  - Added a  Popup ListView  which contains some of the TAG  ID3  fields
    to insert in the AmigaDOS Comment string gadgetstring gadget.
  - Fixed some cosmetic bugs on this guide :-P
  - Few internal minor changes/fixes.
```

```
Version 1.6
  - Gosh! Forgot to talk about the shorcut to access the AmigaDOS

                comment
                string gadget...
  - Added lots of new genres (Picked them up from the most complete list
    at the moment : WinAmp for Win95/NT). Now 141 genres available.
```

```
    WARNING : This change introduces a small problem! See
              here
              please!
  - Now the list of genres is alphabetically sorted.
    Suggested by Tomasz 'Domel' Kepa


Version 1.7
  - Now the field Year is activated after pressing RETURN in Artist instead
    of activating Comment. I thought nobody used this field, I was wrong :)
    Suggested by Teemu Kärkkäinen
  - Added some new infos in section
              Usage
              of the guide
  - Minor changes to the guide
  - The help node of the AmigaDOS comment
              popup listview
              was wrong. Fixed.
  - The AmigaDOS comment
              popup listview
              now auto adjustes its height.
  - If there is no entry in the AmigaDOS comment
              popup listview
              , then it
    is disabled.
  - Added new command line option keyword
              GL=GENRELINES/K/N
                    Suggested by Tomasz 'Domel' Kepa & Jerôme 'Ours' Chesnot
  - Added more
              genres
              (now 144 genres available)
  - Added new command line option switch
              RS=REMSPACES/S
                  - Added support to MP3Encode.
    Thanks to Tomasz 'Domel' Kepa & Bruce Heller for helping me :)
  - Made the program a bit less drastic in order to accept strange
    MPEG Audio specs. You should experience less error messages, saying
    that your file isn't a valid MPEG Audio file, than before :-)


Version 1.7a - BUG FIX release
  - There are 145 genres. I said 144 previously :(
  - Removed a really stupid bug that made AmTAGID3 enter an endless loop
    and eat all your CPU time. Sorry folks, this can happen ;-)


Version 2.0 - MAJOR release
  - Now supports every incarnation of
              MPEG Audio
              files
    Thanks to Didier 'Kakace' Levet for giving me the specs :)
  - Added support for
              TrackNumber
              field, part of
            TAG ID3
              definition V1.1
  - Added new command line option switch
              TN=TRACKNUMBER/S
                  - Added new command line option switch
              NOGUI/S
```

```
                    - Added new command line option switch
                NI=NOINFO/S
                    - Added new command line option switch
                NT=NOTAGS/S
                    - Added new command line option switch
                LI=LINEINFO/S
                    - Added new command line option switch
                AC=AMIGACOMMENT/S
                    - Fixed a bug with setting the Genre ID for genre "Unset"
    - Fully localised now :-)
```

1.39 AmTAGID3 / Future plans

Future plans

 AmTAGID3's future looks something like this:

   · Any idea from you as long as I can do it ;-)

1.40 AmTAGID3 / Credits

                Credits

 My sincere thanks go out to:

   · Stefan Stuntz
     for his MARVELLOUS, WONDERFUL, AMAZING & STUNNING
             MUI
                 · David 'Lestat' Goncalves,
     my brother for his moral support, help and movation

   · Patrick Heinrich
     for his MPTool where I grabbed the list of genres and the recognition
     data to extract the bitrate of MPEG Audio files.

   · Allan 'Duff' Odgaard
     for his (updated :)
             BetterString.mcc
             & for the Daywatch guide done by
     Rand Fredricksen of which most the parts were stolen for this one :)

   · Didier 'Kakace' Levet
     for the MPEG Audio specs he sent me and for our LOONG mail discussions :)

   · Justin Frankel Tom Pepper & Dmitry Boldyrev
     for WinAmp on Win95/NT from where I stole all the up to date genres.

   · Eric 'NamkraD' Kemp
     for creating the TAG ID3 info.

   · Fraunhoffer IIS

for creating and improving the MPEG Audio formats.

· Tomasz 'Domel' Kepa
  for his Polish catalog

· Rainer M. Müller
  for his German catalog

· Neil Bothwick
  for including my little proggy in his CU Amiga cover CD!

Without these people, AmTAGID3 wouldn't exist or would be useless :-)

· My close friends for being who they are, very special guys :)
  Christopher 'Topher' Guez, Pierre 'Tracker' Garel, Sonny Beaumont,
  Stephane 'Katov' Bunel, Stephane 'Woodstock' Derisbourg & the others.

And last but not least, Amiga, the computer who gives you the biggest fun !

1.41   MUI - Magic User Interface

MUI – Magic User Interface

© 1993/98 by Stefan Stuntz

MUI is a system to generate and maintain graphical user interfaces. With
the aid of a preferences program, the user of an application has the
ability to customize the outfit according to his personal taste.

MUI is distributed as shareware. To obtain a complete package containing
lots of examples and more information about registration please look for a
file called "muiXXusr.lha" (XX means the latest version number) on your
local bulletin boards or on public domain disks.

If you want to register directly, feel free to send

DM 30.- or US$ 20.-

to

Stefan Stuntz
Eduard-Spranger-Straße 7
80935 München
Germany

1.42   BetterString.mcc

BetterString.mcc
© 1998 by Allan Odgaard

BetterString is a stringgadget replacement. It is created for
                MUI
             , so
using it should eliminate the problems with the original BOOPSI
StringClass. The class offers the user to do number arithmetic, like
increase, decrease and BIN<->HEX conversion. It has filename completion,
ability to mark, cut, copy and paste text - Both via mouse and keyboard.
The length of the contents buffer will dynamically be expanded to hold all
of what the user type (unless a maximum length is given)

                     Allan Odgaard
                     Dagmarsgade 36
                    DK-2200 Copenhagen
                   EMail : Duff@DIKU.DK

              http://www.DIKU.DK/students/duff/

1.43 Glossary

               Glossary

Here will be briefly explained some of the terms used in this doc in case
you're not very familiar with them. This is not meant to be a full doc
about the subject but just an approach of it.

               TAG ID3
               .... What about this format?

               MPEG Audio
               .... What is MPEG Audio?

               ID3 Genres
               .... The currently available genres!

1.44 Glossary / TAG ID3

               TAG ID3

The TAG ID3 is a number of fields with fixed size that you can find at the
very end of the MPEG Audio files. These fields are useful to give info
about the MPEG Audio file.

They look like this :

TAG Identifier : 3 bytes (must match "TAG")
Title   : 30 bytes
Artist   : 30 bytes
Album   : 30 bytes

```
Year           :  4 bytes
Comment        : 30 bytes
Genre          :  1 byte  (from 0 - Blues, to 144 - Trash Metal.
                           255 is a special entry meaning 'Unset')


This gives you a total of 128 bytes.


This format was created by : Eric 'NamkraD' Kemp


There is a new version of TAG ID3 which add the TrackNumber info. Here  is
the original text directly from the WEB page of its author :

http://tick.informatik.uni-stuttgart.de/~mutschml/MP3ext/ID3-Tag.html


+------------------------------------------------------------------------+
V1.1 Specification by Michael Mutschler


Track addition


I always missed the feature of specifying the track of the module from the
album it originally comes from. Or how to obtain the original order of all
MP3s of an Album. Now I found a  solution,  which  is  compatible  to  the
ID3-Tag, and let's you add a track-number:


This is done due to the cost of the
               Comment
               field beeing reduced  to  28
characters,  or  leaving the full 30 characters to the comment, and having
no track-info.


I use the
               Comment
               field, because

A) it is rarely used,
B) comment  is  too short to be useful,

so it doesn't matter if it's 30 or 28 chars long.
+------------------------------------------------------------------------+
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1.45   Glossary / MPEG Audio

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 MPEG Audio

 MPEG stands for Movie Picture Experts Group. The MPEG Audio is  a  special
 compression format which achives very high compression rates (from 10:1 to
 12:1) while maintaining  a  very  high  audio  quality.  It  is  based  on
 perceptual coding which is basically the action of removing the sounds you
 CAN'T hear in a music to just retain the useful information. MPEG Audio is
 found  in  various  versions (MPEG 1, MPEG 2 and forthcoming MPEG 4) which
 each one is also divided in Layers (I, II and III). Of  course,  the  more
 the  layer  is  high, the more the calculations & compression are complex.
 The most used version and layer is the MPEG 1 Layer III (reduced to MP3 by
 common  use) which offers almost CD quality music (44100Hz, 16bit, stereo)
```

with a compression rate of 12:1 and a bitrate of 128kbits/s.

For more info, check out big web sites like :

http://www.mp3.com or http://www.layer3.org

1.46   Genres problem since AmTAGID3 1.6

Genres problem since AmTAGID3 1.6

Starting from version 1.6, AmTAGID3 uses the genre list from WinAmp for
Win95/NT simply because it is the most popular MPEG Audio player around
and it also have the most complete list of available genres.

After using this list, a small problem occured. The older version of
AmTAGID3 (until 1.5 included) used the genre list from MP3Info (a tool
coming from the UNIX world) which contained 114 genres. Now AmTAGID3 have
141 genres. The genres are represented by a BYTE, so you can have up to
256 genres. To keep a backward compatibility, the new genres are added
after the existing ones but not in place of them, otherwise, a genre
previously meaning "Rock" would become "Reggae" for example.

When changing from the previous list to the new one, I noticed a problem.
A new genre was inserted in the available list (this is bad). This new
genre is "Fast-fusion" (ID 84 decimal, 54 hexa) which was inserted between
"Swing" (ID 83 decimal, 53 hexa) and "Bebob" (previously ID 84 decimal, 54
hexa, and now ID 85 decimal, 55 hexa). This means that all IDs from 84 to
114 are shifted down by 1 position. Here is the list of affected genres :

084 Fast-Fusion
085 Bebob
086 Latin
087 Revival
088 Celtic
089 Bluegrass
090 Avantgarde
091 Gothic Rock
092 Progressive Rock
093 Psychedelic Rock
094 Symphonic Rock
095 Slow Rock
096 Big Band
097 Chorus
098 Easy Listening
099 Acoustic
100 Humour
101 Speech
102 Chanson
103 Opera
104 Chamber Music
105 Sonata
106 Symphony
107 Booty Bass
108 Primus
109 Porn Groove

```
110 Satire
111 Slow Jam
112 Club
113 Tango
114 Samba
115 Folklore
```

To provide a simple and explanative example :

If you have set a Genre to a MPEG Audio file using AmTAGID3 (up to v1.5)
and you choosed ie: "Acoustic", under AmTAGID3 v1.6 and up, it'll become
"Humour". You'll have to correct this in your MPEG Audio files.

THIS IS NOT MY FAULT :-) I HAVEN'T CREATED THIS LIST.

I had to chose the best solution : Having the most complete list available

Note : As far as I know, all the programs for setting the TAG ID3 info on
Amiga are affected by this problem because they all use the same list
coming from the UNIX sources of MP3Info.

For your pleasure, here is the complete list of available
              Genres
                .

1.47 The currently available TAG ID3 genres

```
 The currently available TAG ID3 genres

  Sorted by ID.

  000  Blues
  001  Classic Rock
  002  Country
  003  Dance
  004  Disco
  005  Funk
  006  Grunge
  007  Hip-Hop
  008  Jazz
  009  Metal
  010  New Age
  011  Oldies
  012  Other
  013  Pop
  014  R&B
  015  Rap
  016  Reggae
  017  Rock
  018  Techno
  019  Industrial
  020  Alternative
  021  Ska
  022  Death Metal
```

```
023   Pranks
024   Soundtrack
025   Euro-Techno
026   Ambient
027   Trip-Hop
028   Vocal
029   Jazz+Funk
030   Fusion
031   Trance
032   Classical
033   Instrumental
034   Acid
035   House
036   Game
037   Sound Clip
038   Gospel
039   Noise
040   AlternRock
041   Bass
042   Soul
043   Punk
044   Space
045   Meditative
046   Instrumental Pop
047   Instrumental Rock
048   Ethnic
049   Gothic
050   Darkwave
051   Techno-Industrial
052   Electronic
053   Pop-Folk
054   Eurodance
055   Dream
056   Southern Rock
057   Comedy
058   Cult
059   Gangsta
060   Top 40
061   Christian Rap
062   Pop/Funk
063   Jungle
064   Native American
065   Cabaret
066   New Wave
067   Psychadelic
068   Rave
069   Showtunes
070   Trailer
071   Lo-Fi
072   Tribal
073   Acid Punk
074   Acid Jazz
075   Polka
076   Retro
077   Musical
078   Rock & Roll
079   Hard Rock
```

```
080  Folk
081  Folk/Rock
082  National Folk
083  Swing
084  Fast-Fusion
085  Bebob
086  Latin
087  Revival
088  Celtic
089  Bluegrass
090  Avantgarde
091  Gothic Rock
092  Progressive Rock
093  Psychedelic Rock
094  Symphonic Rock
095  Slow Rock
096  Big Band
097  Chorus
098  Easy Listening
099  Acoustic
100  Humour
101  Speech
102  Chanson
103  Opera
104  Chamber Music
105  Sonata
106  Symphony
107  Booty Bass
108  Primus
109  Porn Groove
110  Satire
111  Slow Jam
112  Club
113  Tango
114  Samba
115  Folklore
116  Ballad
117  Power Ballad
118  Rythmic Soul
119  Freestyle
120  Duet
121  Punk Rock
122  Drum Solo
123  Acapella
124  Euro-House
125  Dance Hall
126  Goa
127  Drum & Bass
128  Club-House
129  Hardcore
130  Terror
131  Indie
132  BritPop
133  Negerpunk
134  Polsk Punk
135  Beat
136  Christian Gansta
```

```
137  Heavy Metal
138  Black Metal
139  Crossover
140  Contemporary Chris.
141  Christian Rock
142  Merengue
143  Salsa
144  Trash Metal
```