

Audacious - OLD, PLEASE USE GITHUB DISCUSSIONS/ISSUES - Feature #441

[PATCH] libaudtag: Verify tag length info against decoder length

May 01, 2014 21:03 - Hans de Goede

| | | | |
|-------------------------|----------------|------------------------|--------------|
| Status: | Closed | Start date: | May 01, 2014 |
| Priority: | Minor | Due date: | |
| Assignee: | Ariadne Conill | % Done: | 100% |
| Category: | libaudtag | Estimated time: | 0.00 hour |
| Target version: | 3.6 | | |
| Affects version: | 3.5 | | |

Description

Some mp3 files have wrong TLEN tags, one example is:

<http://ia700209.us.archive.org/0/items/freemusiccharts.songs2010/2010-08-garmis>

Which has an extremely wrong TLEN tag, but I've also seen mp3 files where TLEN is set the album length instead of the track length.

To stop audacious from showing a completely wrong length in these cases add some FIELD_LENGTH sanity checks. This fixes both issues for me.

History

#1 - May 01, 2014 21:08 - John Lindgren

- Tracker changed from Bug to Feature
- Category set to libaudtag
- Affects version 3.5 added
- Affects version deleted (3.5.1)

#2 - May 03, 2014 06:26 - John Lindgren

[#440](#) fixed some types of invalid TLEN fields. Also, the link in the issue description is now dead.

#3 - May 03, 2014 09:30 - Hans de Goede

[#440](#) is not relevant in this case, in both my examples the mp3 files contain a purely integer TLEN field, it is just that the content is bogus.

About the broken link, that is my bad I copy pasted from a terminal and only copy and pasted the first 80 chars, here is the proper link:

<http://ia700209.us.archive.org/0/items/freemusiccharts.songs2010/2010-08-garmisch-glimmeralbumVersion.mp3>

As you can see this has a TLEN field with a value which is an integer, but other than that is utter non sense. Note the other troublesome files which I have which I cannot share have a more sane TLEN, it contains the length of the entire album instead of the individual songs, so still wrong :|

The attached patch fixes both.

#4 - September 25, 2014 01:58 - Ariadne Conill

- Status changed from New to Resolved
- Assignee set to Ariadne Conill
- Target version set to 3.6
- % Done changed from 0 to 100

I merged a modified version of this patch (due to C++ conversion) to 3.6 just now.

#5 - September 25, 2014 02:05 - Ariadne Conill

- Status changed from Resolved to Closed

Files

| | | | |
|---|---------|--------------|---------------|
| 0001-libaudtag-Verify-tag-length-info-against-decoder-len.patch | 3.79 KB | May 01, 2014 | Hans de Goede |
|---|---------|--------------|---------------|