

EasyTAG: Straightforward audio file tagging

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Outline

- 1 Background
 - A brief history
 - Moving to gnome.org
- 2 Future development
- 3 Summary



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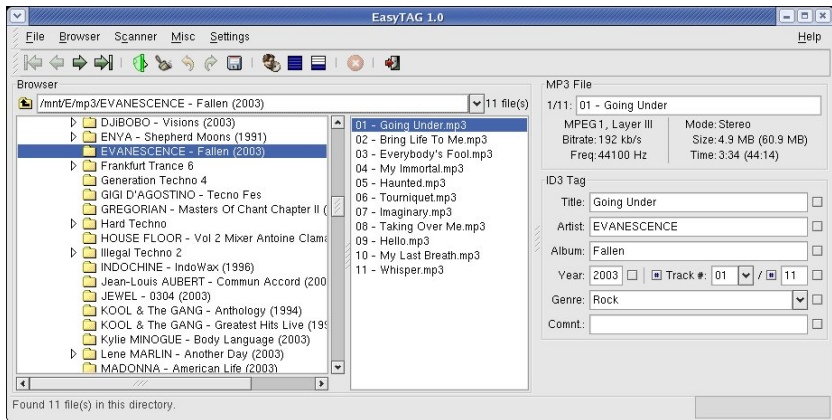


Overview

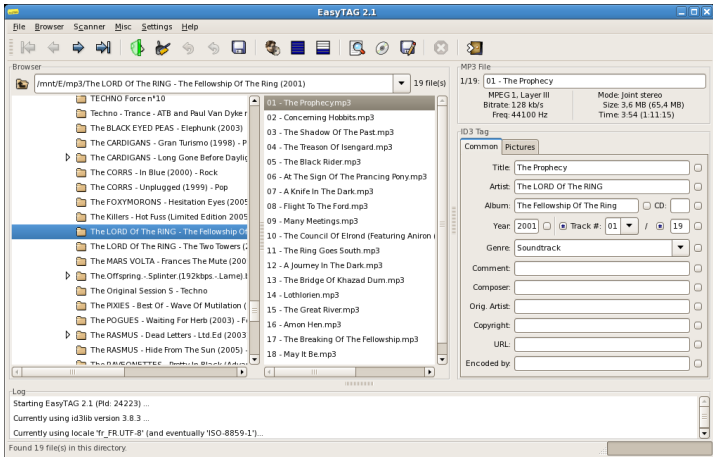
- capable and straightforward tag editor
- actively maintained by Jérôme Couderc from 2000–2008
- many contributors and an active mailing list
- no revision control system
- hosted on SourceForge



The bad old days of GTK+ 1



The slightly better days of GTK+ 2



Slight rejuvenation

- imported into a Git repository on github in late 2010
- 2.1.7 released in February 2012
- little development beyond translation updates
- GTK+ 3 port written in July 2012, but not merged
- Mac OS X port available, but also not merged



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Early hacking

- modernised the codebase to support GTK+ 2.24 using no deprecated symbols
- rewrote the build system
- integrated many downstream patches
- experimental GTK+ 3 support



Rejuvenated development

- project moved to gnome.org in November 2012
- increased mailing list activity
- many submitted patches merged into master
- several new translations
- new website



Current state

EasyTAG 2.1.8

File Browser Scanner Miscellaneous Settings Help

Browser
/home/david/music/The Wall

Tree

- checkout
- Crayon Physics Deluxe
- Desktop
- documents
- downloads
- EDGE
- gnome
- j2mewtk
- jffe
- music
- The Wall**
- Photos
- profiles
- psychonauts
- shank
- spaz
- YokiTori
- Tribute Games

File Name	Title
Pink Floyd - Hey You.flac	Hey
Pink Floyd - In the Flesh...flac	In th
Pink Floyd - Is There Anybody Out There...flac	Is Th
Pink Floyd - The Thin Ice.flac	The
Pink Floyd - Another Brick in the Wall, Part 1.flac	Ano
Pink Floyd - Nobody Home.flac	Nob
Pink Floyd - The Happiest Days of Our Lives.flac	The
Pink Floyd - Vera.flac	Vera
Pink Floyd - Another Brick in the Wall, Part 2.flac	Ano
Pink Floyd - Bring the Boys Back Home.flac	Bring
Pink Floyd - Comfortably Numb.flac	Com
Pink Floyd - Mother.flac	Mott
Pink Floyd - Goodbye Blue Sky.flac	Goo
Pink Floyd - The Show Must Go On.flac	The
Pink Floyd - Empty Spaces.flac	Emp
Pink Floyd - In the Flesh.flac	In th
Pink Floyd - Young Lust.flac	You

FLAC File

1/26: Pink Floyd - Hey You

Encoder: flac
Bitrate: 820 kb/s
Freq.: 44100 Hz
Channels: 2
Size: 27.4 MB (443.5 MB)
Duration: 4:40 (1:20:54)

FLAC Vorbis Tag

Common Pictures

Title: Hey You
Artist: Pink Floyd
Album artist:
Album: The Wall
Year: 2011
Track #: 01
Disc #: 13
Genre: Progressive Rock
Comment:
Composer:
Orig. artist:
Copyright:
URL:
Encoded by:

Log

19:51:38 Currently using locale version 3.0.3...

19:51:38 Currently using locale 'en_GB.UTF-8' (and eventually 'ISO-8859-1')...

Found 26 file(s) in this directory and subdirectories.

Lessons learned

- look before you hack
- close your eyes when looking over an old codebase
- an old project has a legacy



Bugfixing and modernisation

- use GIO abstractions for file IO
- use GSettings instead of configuration files
- sanitise filename encoding handling
- apply some UI tweaks for recent GTK+ themes
- add up-to-date user documentation in a better format



Larger feature additions

- use MusicBrainz for metadata searches
- add support for many more tag fields and align closer to current specifications
- GTK+ 3 support (and abandoning GTK+ 2 support)
- radically simplify UI



Summary

- simpler and quicker to build (and contribute to)
- actively maintained, with more outside contributions merged

- Outlook
 - lots of small and large things to hack on



Acknowledgements

- Andrea Veri, GNOME sysadmin
- Andre Klapper, GNOME bugmaster
- Kip Warner, EasyTAG co-maintainer
- Jerome Couderc, EasyTAG creator
- all the present, past and future contributors to EasyTAG
- you, for listening!

