Audacious - OLD, PLEASE USE GITHUB DISCUSSIONS/ISSUES - Bug #291

Integer overflow in mpg123 plugin

May 14, 2013 13:19 - Dmitry Petrov

Status:	Closed		**Start date:**	May 14, 2013
Priority:	Major		**Due date:**	
Assignee:			**% Done:**	100%
Category:	plugins/mpg123		**Estimated time:**	0.00 hour
Target version:	3.4			
Affects version:	3.2.2, 3.2.3, 3.3-alpha1, 3.2.4, 3.3-beta1, 3.3-beta2, 3.3, 3.3.1, 3.3.2, 3.3.3, 3.3.4			

Description

When playing cue tracks from mp3 file, there is integer overflow in calculating frames_total. As a result track length is calculated incorrectly and this sometimes leads to skipping track entirely (when frames_total is negative).
Attached small patch for audacious-plugins-3.3.4 solves this issue.

History

#1 - May 15, 2013 00:38 - John Lindgren

- Category set to plugins/mpg123

- Status changed from New to Closed

- Target version set to 3.4

- % Done changed from 0 to 100

Good catch; fixed:
https://github.com/audacious-media-player/audacious-plugins/commit/ccacc2d8fa391a80b4185913885ef15662db8daa

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Files

audacious-plugins-3.3.4-mpg123-frames-overflow-fix.diff	399 Bytes	May 14, 2013	Dmitry Petrov