Audacious - OLD, PLEASE USE GITHUB DISCUSSIONS/ISSUES - Bug #653

/proc/self/exe is detected in build sytem, but target sytem may not support it.

July 30, 2016 10:34 - Carlo Bramini

Status:	Closed		**Start date:**	July 30, 2016
Priority:	Minor		**Due date:**	
Assignee:			**% Done:**	100%
Category:	libaudcore		**Estimated time:**	0.00 hour
Target version:	3.8			
Affects version:				

Description

Hello,
when building with MINGW, I got an error because readlink() function did not exist.
This happens because configure script detects /proc/self/exe presence without checking if the host and build platforms are the same.
So, if you are cross compiling, /proc/self/exe may not exist on target platform and later this could cause an error when building.
Perhaps you may find interesting the way it has been implemented the detection of /proc/self/exe in the build scripts of GNUC, see for example this:

https://github.com/gcc-mirror/gcc/blob/master/libjava/configure.ac#L1181

Hope you will find it useful.

Sincerely.

History

#1 - July 31, 2016 00:47 - John Lindgren

- Category set to libaudcore

- Status changed from New to Closed

- Target version set to 3.8

- % Done changed from 0 to 100

I agree, checking for /proc/self/exe on the host system is not the right way. We should just check for the __linux__ macro. If we do end up running on a system without /proc mounted, the readlink() call will just fail, with no harm done.