

Audacious - 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			
<p>Hello,</p> <p>when building with MINGW, I got an error because readlink() function did not exist.</p> <p>This happens because configure script detects /proc/self/exe presence without checking if the host and build platforms are the same.</p> <p>So, if you are cross compiling, /proc/self/exe may not exist on target platform and later this could cause an error when building.</p> <p>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:</p> <p>https://github.com/gcc-mirror/gcc/blob/master/libjava/configure.ac#L1181</p> <p>Hope you will find it useful.</p> <p>Sincerely.</p>			

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.