

Ruby - Bug #18235

try_var in mktime.rb recognizes a variable that is not declared

10/01/2021 04:39 PM - ReiOdaira (Rei Odaira)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 3.1.0dev (2021-09-30T14:50:31Z master 529fc204af) [powerpc-aix7.2.0]	Backport: 2.6: UNKNOWN, 2.7: UNKNOWN, 3.0: UNKNOWN
Description <p>In 524513be399e81bb170ec88aa0d501f33cbde8c3, try_var in mktime.rb has been modified to recognize a variable that exists but is not declared. What was the rationale behind this change?</p> <p>In ext/date/extconf.rb, it checks have_var("altzone", "time.h", opt) . Strangely, in AIX, the variable altzone is not declared in time.h but does exist somewhere in the library. As a result, extconf.rb regards altzone as a valid variable, but compile fails because it is not declared. I think the library of AIX is weird, but the logic of try_var looks as weird to me. I thought the intent of have_var/try_var was to pre-check whether the compile succeeds if you use the variable, wasn't it?</p> <p>In any case, an ad-hoc solution to this particular issue in the date module is just adding #if defined(_AIX) to ext/date/date_core.c, but I'm curious if try_var could lead to other issues in the future.</p> <p>Thanks,</p>		

Associated revisions

Revision ea64e742f5feddbdfb6526cd0a54a9986097a34d - 10/03/2021 09:23 AM - nobu (Nobuyoshi Nakada)

Revert "mktime.rb: try linking at try_var" [Bug #18235]

This reverts commit 524513be399e81bb170ec88aa0d501f33cbde8c3, which can return false positive by existing but unusable symbol, including functions.

Revision ea64e742f5feddbdfb6526cd0a54a9986097a34d - 10/03/2021 09:23 AM - nobu (Nobuyoshi Nakada)

Revert "mktime.rb: try linking at try_var" [Bug #18235]

This reverts commit 524513be399e81bb170ec88aa0d501f33cbde8c3, which can return false positive by existing but unusable symbol, including functions.

Revision ea64e742 - 10/03/2021 09:23 AM - nobu (Nobuyoshi Nakada)

Revert "mktime.rb: try linking at try_var" [Bug #18235]

This reverts commit 524513be399e81bb170ec88aa0d501f33cbde8c3, which can return false positive by existing but unusable symbol, including functions.

History

#1 - 10/03/2021 09:31 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset [git|ea64e742f5feddbdfb6526cd0a54a9986097a34d](#).

Revert "mktime.rb: try linking at try_var" [Bug [#18235](#)]

This reverts commit 524513be399e81bb170ec88aa0d501f33cbde8c3, which can return false positive by existing but unusable symbol, including functions.