

Ruby - Bug #7543

DL::Function#bound? and unbind raise error when Fiddle is available

12/11/2012 10:22 PM - ngoto (Naohisa Goto)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	-	
Description		Backport:
When Fiddle is available, DL::Function#unbind raises error.		
<pre>require 'dl' require 'dl/func' include DL f = Function.new(CFunc.new(0, TYPE_INT, 'test'), [TYPE_INT, TYPE_INT]) f.bind { x,y x + y } f.unbind</pre>		
The above code raises the following error in "f.unbind". /XXX/lib/ruby/2.0.0/dl/func.rb:160:in unbind': undefined method ptr' for #<#Class:0x007f8e8f29ae08:0x007f8e8f29ad40> (NoMethodError) from -:6:in ``		
When Fiddle is available, DL::Function#bound? also raises error.		
<pre>require 'dl' require 'dl/func' include DL f = Function.new(CFunc.new(0, TYPE_INT, 'test'), [TYPE_INT, TYPE_INT]) f.bind { x,y x + y } f.bound?</pre>		
The above code raises the following error in "f.bound?". /XXX/lib/ruby/2.0.0/dl/func.rb:174:in bound?': undefined method ptr' for #<#Class:0x007f6708842d78:0x007f6708842cb0> (NoMethodError) from -:6:in ``		

Associated revisions

Revision 1fcde7c2e2bd780fc3bf4bf98fad7054177de5aa - 12/11/2012 03:24 PM - ngoto (Naohisa Goto)

- ext/dl/lib/dl/func.rb (DL::Function#unbind, #bound?): suppress NoMethodError when Fiddle is available. [ruby-core:50756] [Bug #7543]
- test/dl/test_func.rb (test_bound*, test_unbind*): tests for the above.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38324 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 1fcde7c2 - 12/11/2012 03:24 PM - ngoto (Naohisa Goto)

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Revision 74bca55da9e509592bd04bc785b6eb86082f8cfe - 12/20/2012 09:52 AM - U.Nakamura

merge revision(s) 38202,38238,38324,38326: [Backport #7527]

- test/dl/test_func.rb (test_name_with_block, test_bind, test_qsort1):
call unbind to release the callback closure because maximum number
of callbacks is limited to DL::MAX_CALLBACK (== 5) with pure DL
without Fiddle.

- ext/dl/lib/dl/func.rb (DL::Function#unbind, #bound?): suppress NoMethodError when Fiddle is available. [ruby-core:50756] [Bug #7543]
- test/dl/test_func.rb (test_bound*, test_unbind*): tests for the above.
- ext/dl/lib/dl/func.rb (DL::Function#initialize, DL::Function#bind): ABI should be set by using CFunc#calltype even when Fiddle is used. When Fiddle is used and a block is given, name should not be ignored. [ruby-core:50562] [Bug #7514]
- ext/dl/lib/dl/import.rb (DL::Importer#bind_function): should respect abi and name when Fiddle is used.
- test/dl/test_func.rb (test_name_with_block): test for "name" method with giving a block.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@38506 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 74bca55d - 12/20/2012 09:52 AM - U.Nakamura

merge revision(s) 38202,38238,38324,38326: [Backport #7527]

- test/dl/test_func.rb (test_name_with_block, test_bind, test_qsort1): call unbind to release the callback closure because maximum number of callbacks is limited to DL::MAX_CALLBACK (== 5) with pure DL without Fiddle.
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- test/dl/test_func.rb (test_bound*, test_unbind*): tests for the above.
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History

#1 - 12/11/2012 10:23 PM - ngoto (Naohisa Goto)

- Subject changed from *DL::Function#bound? and unbound raise error when Fiddle is available* to *DL::Function#bound? and unbind raise error when Fiddle is available*

#2 - 12/12/2012 12:24 AM - ngoto (Naohisa Goto)

- Status changed from Open to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r38324.
Naohisa, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- ext/dl/lib/dl/func.rb (DL::Function#unbind, #bound?): suppress NoMethodError when Fiddle is available. [\[ruby-core:50756\]](#) [Bug [#7543](#)]
- test/dl/test_func.rb (test_bound*, test_unbind*): tests for the above.