

Backport193 - Backport #7205

All symbols of libruby.so get LOCAL/HIDDEN visibility when build on CentOS4

10/22/2012 08:20 PM - cheese (Robin Lee)

Status:	Closed
Priority:	Normal
Assignee:	usa (Usaku NAKAMURA)
Description	
Ruby 1.9.3 build fails on CentOS4 with such errors:	
linking ruby	
main.o(.text+0x3c): In function main':	
: undefined reference to ruby_sysinit'	
main.o(.text+0x47): In function main':	
: undefined reference to ruby_init_stack'	
main.o(.text+0x4c): In function main':	
: undefined reference to ruby_init'	
main.o(.text+0x5e): In function main':	
: undefined reference to ruby_options'	
main.o(.text+0x66): In function main':	
: undefined reference to ruby_run_node'	
I found All symbols of libruby.so get LOCAL/HIDDEN visibility. For example:	
\$ readelf -a libruby.so grep ruby_sysinit	
6260: 000e01f0 561 FUNC LOCAL HIDDEN 10 ruby_sysinit	
I am building on CentOS4 i386 with GCC:	
\$ gcc --version	
gcc (GCC) 3.4.4 20050721 (Red Hat 3.4.4-2)	
Ruby 1.8.7 build is successful.	

Associated revisions

Revision 02493955 - 10/23/2012 05:06 AM - nobu (Nobuyoshi Nakada)

configure.in: no visibility option for older GCC

- configure.in (visibility_option): visibility attribute is not available before GCC 4, so do not use -fvisibility option in that case. [ruby-core:48147] [Bug #7205]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37296 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 37296 - 10/23/2012 05:06 AM - nobu (Nobuyoshi Nakada)

configure.in: no visibility option for older GCC

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Revision b5a6ad3f - 11/08/2012 05:14 AM - usa (Usaku NAKAMURA)

merge revision(s) 37296: [Backport #7205]

```
* configure.in (visibility_option): visibility attribute is not
available before GCC 4, so do not use -fvisibility option in that
case. [ruby-core:48147] [Bug #7205]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@37552 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 37552 - 11/08/2012 05:14 AM - usa (Usaku NAKAMURA)

merge revision(s) 37296: [Backport #7205]

```
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available before GCC 4, so do not use -fvisibility option in that
case. [ruby-core:48147] [Bug #7205]
```

History

#1 - 10/22/2012 11:12 PM - nobu (Nobuyoshi Nakada)

Could you show `config.log` file?

#2 - 10/23/2012 11:16 AM - cheese (Robin Lee)

- File `config.log` added

OK, `config.log` is attached.

#3 - 10/23/2012 02:06 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r37296.

Robin, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

`configure.in`: no visibility option for older GCC

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#4 - 10/23/2012 02:25 PM - nobu (Nobuyoshi Nakada)

- Tracker changed from Bug to Backport

- Project changed from Ruby master to Backport193

- Category deleted (build)

- Status changed from Closed to Assigned

- Assignee set to usa (Usaku NAKAMURA)

#5 - 10/23/2012 06:54 PM - cheese (Robin Lee)

OK. Tested. Ruby compiles without '-fvisibility' option with GCC 3.4

#6 - 11/08/2012 02:14 PM - usa (Usaku NAKAMURA)

- Status changed from Assigned to Closed

This issue was solved with changeset [r37552](#).
Robin, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

merge revision(s) 37296: [Backport [#7205](#)]

```
* configure.in (visibility_option): visibility attribute is not
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Files

config.log	624 KB	10/23/2012	cheese (Robin Lee)
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