Ruby master - Bug #11676
Missing inspect for T_IMEMO during make with -DCPDEBUG=2
11/11/2015 07:46 AM - norc (Victor Nawothnig)

Status: Closed
Priority: Normal
Assignee: ko1 (Koichi Sasada)
Target version:

<table>
<thead>
<tr>
<th>Backport:</th>
<th>2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN</th>
</tr>
</thead>
</table>

ruby -v:
ruby 2.3.0dev (2015-11-10 trunk 52521) [x86_64-darwin14]

Description

When I pass -DCPDEBUG=2 (or higher) to the CFLAGS the compilation process fails when miniruby is invoked:

```
CC = clang
LD = ld
LDSHARED = clang -dynamic -bundle
XCFLAGS = -fstack-protector -fno-strict-overflow -fvisibility=hidden -DRUBY_EXPORT -fPIE
CPPFLAGS = -D_XOPEN_SOURCE -D_DARWIN_C_SOURCE -D_DARWIN_UNLIMITED_SELECT -D_REENTRANT -I. -I.ext/include/x86_64-darwin14 -I./include
DLDFLAGS = -Wl,-undefined,dynamic_lookup -Wl,multiply_defined,suppress -fstack-protector -Wl,\-u,\_objc_msgSend -Wl,\-pie -framework CoreFoundation
SOLIBS = Apple LLVM version 6.1.0 (clang-602.0.53) (based on LLVM 3.6.0svn)
Target: x86_64-apple-darwin14.4.0
Thread model: posix

Generating enc.mk

[... Removed a lot of debug messages from miniruby [...]

[compile step: finish]
[new_child_iseq<---------------------------------------

```
./enc/make_encmake.rb: method 'inspect' called on unexpected T_IMEMO object (0x007fd8c2847338 flags=0x703a) (NotImplementedError)
make: *** [enc.mk] Error 1
```

Since I didn't know any better, I reduced enc/make_encmake.rb to a simple test case (def foo; end) to obtain a stack trace with some frame variables - in case this helps.
The lldb output is attached in the file.

I have also verified the presence of this bug when building under Ubuntu with GCC.

Associated revisions

Revision 7ae65d01 - 11/19/2015 06:33 AM - ko1 (Koichi Sasada)

- compile.c (iseq_compile_each): T_IMEMO/iseq objects should be wrap with ISeq wrappers. [Bug #11676]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@52667 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 52667 - 11/19/2015 06:33 AM - ko1 (Koichi Sasada)

- compile.c (iseq_compile_each): T_IMEMO/iseq objects should be wrap with ISeq wrappers. [Bug #11676]

Revision 52667 - 11/19/2015 06:33 AM - ko1 (Koichi Sasada)
compile.c (iseq_compile_each): T_IMEMO/iseq objects should be wrap with ISeq wrappers. [Bug #11676]

Revision 52667 - 11/19/2015 06:33 AM - ko1 (Koichi Sasada)
- compile.c (iseq_compile_each): T_IMEMO/iseq objects should be wrap with ISeq wrappers. [Bug #11676]

Revision 52667 - 11/19/2015 06:33 AM - ko1 (Koichi Sasada)
- compile.c (iseq_compile_each): T_IMEMO/iseq objects should be wrap with ISeq wrappers. [Bug #11676]

Revision 52667 - 11/19/2015 06:33 AM - ko1 (Koichi Sasada)
- compile.c (iseq_compile_each): T_IMEMO/iseq objects should be wrap with ISeq wrappers. [Bug #11676]

**History**

#1 - 11/11/2015 08:14 AM - norc (Victor Nawothnig)
- Assignee set to ko1 (Koichi Sasada)

#2 - 11/11/2015 08:17 AM - norc (Victor Nawothnig)
- Subject changed from Error during make with -DCPDEBUG=2 to Missing inspect for T_IMEMO during make with -DCPDEBUG=2

#3 - 11/19/2015 06:33 AM - ko1 (Koichi Sasada)
- Status changed from Open to Closed

Applied in changeset r52667.

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>error.txt</td>
<td>7.07 KB</td>
<td>11/11/2015</td>
<td>norc (Victor Nawothnig)</td>
</tr>
</tbody>
</table>