Ruby master - Bug #13175
Building --with-jemalloc on FreeBSD fails
01/31/2017 04:18 PM - spil (Bernard Spil)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>2.3.3</td>
</tr>
<tr>
<td>Backport:</td>
<td>2.2: REQUIRED, 2.3: DONE, 2.4: DONE</td>
</tr>
</tbody>
</table>

**Description**
Building Ruby 2.3 on FreeBSD 11 with --with-jemalloc leads to linking issues.

As of FreeBSD 10.0 jemalloc is in FreeBSD's libc and thus -ljemalloc will trigger a linktime error.

Removing -ljemalloc from the linker solves the issue

```plaintext
+@ -4015,9 +4016,6 @@ AS_CASE("$target_os"),
+ AS_CASE("$with_gmp: $SOLIBS ", [no:* | '* -lgmp '*|'* $(LIBS) '*], [],
+ [SOLIBS="-lgmp $SOLIBS"])
+ *
+-AS_CASE("$with_jemalloc: $LIBS ", [no:* | '* -ljemalloc '*|'* $(LIBS) '*], [],
+- [LIBS="-ljemalloc $LIBS"])
+- MINIOBJS="#MINIDLNOBJ#
+ *
+ AS_CASE("$THREAD_MODEL"),
```

**Related issues:**
Related to Ruby master - Bug #13402: [PATCH] fix --with-gmp (broken by r57490)

**Associated revisions**
Revision a106278e - 02/01/2017 07:40 AM - nobu (Nobuyoshi Nakada)
configure.in: use AC_SEARCH_LIBS

- configure.in (--with-gmp, --with-jemalloc): use AC_SEARCH_LIBS to check if no library is required, instead of AC_CHECK_LIB.
  [ruby-core:79368] [Bug #13175]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@57490 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 57490 - 02/01/2017 07:40 AM - nobu (Nobuyoshi Nakada)
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Revision bf34bdf5 - 04/30/2017 01:35 PM - usa (Usaku NAKAMURA)
merge revision(s) 57490: [Backport #13175]

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Revision 58515 - 04/30/2017 01:35 PM - usa (Usaku NAKAMURA)
merge revision(s) 57490: [Backport #13175]
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[ruby-core:79368] [Bug #13175]

Revision 97da0db7 - 05/09/2017 02:50 PM - nagachika (Tomoyuki Chikanaga)
merge revision(s) 57490: [Backport #13175]
configure.in: use AC_SEARCH_LIBS

configure.in (--with-gmp, --with-jemalloc): use AC_SEARCH_LIBS to check if no library is required, instead of AC_CHECK_LIB.
[ruby-core:79368] [Bug #13175]

Revision 58627 - 05/09/2017 02:50 PM - nagachika (Tomoyuki Chikanaga)
merge revision(s) 57490: [Backport #13175]
configure.in: use AC_SEARCH_LIBS

configure.in (--with-gmp, --with-jemalloc): use AC_SEARCH_LIBS to check if no library is required, instead of AC_CHECK_LIB.
[ruby-core:79368] [Bug #13175]

History
#1 - 02/01/2017 05:29 AM - naruse (Yui NARUSE)
- Status changed from Open to Rejected

You needn't --with-jemalloc; don't specify --with-jemalloc on FreeBSD.

#2 - 02/03/2017 11:25 PM - nobu (Nobuyoshi Nakada)
- Status changed from Rejected to Closed
- Description updated

#3 - 03/23/2017 02:32 AM - usa (Usaku NAKAMURA)
- Backport changed from 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN to 2.2: REQUIRED, 2.3: REQUIRED, 2.4: REQUIRED

#4 - 04/30/2017 01:35 PM - usa (Usaku NAKAMURA)
- Backport changed from 2.2: REQUIRED, 2.3: REQUIRED, 2.4: REQUIRED to 2.2: REQUIRED, 2.3: DONE, 2.4: REQUIRED

ruby_2_3 r58515 merged revision(s) 57490.

#5 - 05/09/2017 02:50 PM - nagachika (Tomoyuki Chikanaga)
- Backport changed from 2.2: REQUIRED, 2.3: DONE, 2.4: REQUIRED to 2.2: REQUIRED, 2.3: DONE, 2.4: DONE

ruby_2_4 r58627 merged revision(s) 57490.

#6 - 09/14/2017 08:31 PM - usa (Usaku NAKAMURA)
- Related to Bug #13402: [PATCH] fix --with-gmp (broken by r57490) added