### Ruby master - Bug #5963

**MacOS < 10.6 has no memalign**

02/03/2012 03:02 PM - funny_falcon (Yura Sokolov)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Rejected</th>
</tr>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
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<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>ruby 2.0.0dev</td>
</tr>
<tr>
<td>Backport:</td>
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</table>

#### Description

I use definition of aligned_malloc from trunk in a st_pool_allocation patch for ruby_1_9_3, and I have report from a man who has OS X 10.5.8, that there is such error:

```bash
pool_alloc.inc.h:55:2: error: #error no memalign function
```

It seems that OS X before 10.6 had no memalign or posix_memalign function. Possibly valloc could be used with similar HEAP_ALIGN_LOG determination as done for OpenBSD in [http://bugs.ruby-lang.org/projects/ruby-trunk/repository/revisions/34404](http://bugs.ruby-lang.org/projects/ruby-trunk/repository/revisions/34404)

As you can see, it is not possible to choose different version of MacOS here: [https://developer.apple.com/library/mac/#documentation/Darwin/Reference/ManPages/man3/posix_memalign.3.html](https://developer.apple.com/library/mac/#documentation/Darwin/Reference/ManPages/man3/posix_memalign.3.html)

#### Related issues:

- Related to Backport193 - Backport #5942: Backport r34309-34310 r34312-32414

#### History

**#1 - 02/03/2012 05:08 PM - naruse (Yui NARUSE)**

- Status changed from Open to Rejected

We won't support Mac OS X 10.5 or prior on Ruby 2.0.0. So it is WONTFIX.

We won't backport st_pool_allocation to 1.9.3, so it is also not a problem for us.

You can make a memalign function with mmap by allocating big area and strip the edge if you want to backport locally.

**#2 - 02/03/2012 05:43 PM - funny_falcon (Yura Sokolov)**

Good day, Yui

Yui NARUSE wrote:

> We won't support Mac OS X 10.5 or prior on Ruby 2.0.0. So it is WONTFIX.

Ok, no questions. That's all I wanted to know.