Ruby master - Feature #10974

[PATCH] Remove methods which has suffix `!' (sin!, cos!…) from CMath

03/15/2015 08:28 AM - gogotanaka (Kazuki Tanaka)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
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<tr>
<td>Target version:</td>
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**Description**

Hi, now I'd like to remove methods with !( sin!, cos!…) from CMath, for the following reasons.

- wanna keep CMath minimal. CMath#sin should be superset of CMath#sin! or Math#sin is enough.
- rdoc for CMath seems broken, CMath#sin! isn't alias for CMath#sin

thanks, gogo.

**Associated revisions**

Revision d71ead25 - 11/22/2015 01:09 PM - ngoto (Naohisa Goto)

- lib/cmath.rb: methods which has suffix '!' are now deprecated. Re-apply r52469 made by Kazuki Tanaka, with fixing bug about mathn.rb compatibility. [ruby-core:68526] [Feature #10974]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@52715 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 52715 - 11/22/2015 01:09 PM - ngoto (Naohisa Goto)

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**History**

#1 - 06/01/2015 12:22 PM - matz (Yukihiro Matsumoto)

I am OK with this change. Does anyone else have opinon on this?
E.g. compatibility issue?

Matz.

#2 - 06/01/2015 05:58 PM - normalperson (Eric Wong)
matz@ruby-lang.org wrote:

I am OK with this change. Does anyone else have opinon on this?
E.g. compatibility issue?

I don't use CMath, but I suggest a deprecation period since it appears
this is a public API. We should never break public API without adequate
warning.

Maybe:

1. deprecate at 2.3.0
2. remove when 2.3 branch is EOL for backports/releases

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Thanks for comment! I suppose these methods(Math.cos!, sin!...) got public by accident, but your point dose really make sense.
Here is a patch to deprecate these methods.

I'll commit it in a while.

#3 - 06/11/2015 06:33 AM - gogotanaka (Kazuki Tanaka)
- File deprecate_CMath_methods.patch added

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this is a public API. We should never break public API without adequate
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#4 - 11/06/2015 02:39 PM - gogotanaka (Kazuki Tanaka)
- Subject changed from [PATCH] Remove methods with '!'(sin!, cos!) from CMath to [PATCH] Remove methods which has suffix '!'(sin!, cos!) from CMath

#5 - 11/06/2015 03:39 PM - Hanmac (Hans Mackowiak)
i know this ticket got closed by the change of gogo,
but i want to ask (maybe in a different ticket later)
if its would be ok to have a deprecate_methods function like the deprecate_constant method in core?

#11588 might be similar to what i want

#6 - 11/20/2015 02:27 PM - ngoto (Naohisa Goto)
The infinite loop observed during RubySpec test in r52469
(http://rubyci.s3.amazonaws.com/ubuntu1510/ruby-trunk/log/20151106T153002Z.fail.html.gz )
is caused by the following code in mathn.rb.

```
unless defined?(Math.exp!)
  Object.instance_eval{remove_const :Math}
  Math = CMath # :nodoc:
end
```

#7 - 11/22/2015 01:09 PM - ngoto (Naohisa Goto)
- Status changed from Open to Closed

Applied in changeset r52715.

- lib/cmath.rb: methods which has suffix '!' are now deprecated. Re-apply r52469 made by Kazuki Tanaka, with fixing bug about mathn.rb
  compatibility. [ruby-core:68528] [Feature #10974]

Files

<table>
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<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<tr>
<td>remove_methods_from_cmath.patch</td>
<td>7.89 KB</td>
<td>03/15/2015</td>
<td>gogotanaka (Kazuki Tanaka)</td>
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<tr>
<td>deprecate_CMath_methods.patch</td>
<td>6.4 KB</td>
<td>06/11/2015</td>
<td>gogotanaka (Kazuki Tanaka)</td>
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