### Ruby master - Feature #5658

**Wrap mkmf.rb in a module to clean up documentation**

11/22/2011 11:42 AM - drbrain (Eric Hodel)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>drbrain (Eric Hodel)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
</tbody>
</table>

**Description**

```ruby
=begin
Currently all of the methods in mkmf.rb exist at the top-level. This causes methods from mkmf.rb to show up in Object in ((%ri%).

The attached patch wraps the functionality of mkmf.rb in a module MakeMakefile which is then included at top-level.

This preserves the existing functionality while separating the documentation.

The patch survives make clean; make on OS X 10.7
=end
```

**Associated revisions**

- **Revision 194882cc - 11/28/2011 09:54 PM - drbrain (Eric Hodel)**
  - lib/mkmf.rb: Wrap mkmf.rb in module MakeMakefile to clean up Object documentation. [Ruby 1.9 - Feature #5658]
  - ext/extmk.rb: Use MakeMakefile::CONFIG instead of Object::CONFIG
  - test/mkmf/base.rb: ditto

  git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@33890 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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**History**

#1 - 11/22/2011 12:26 PM - nobu (Nobuyoshi Nakada)

=begin
I agree the concept, and have planned for it.

But, the patch reverts (((try_func))) partially (and unintentionally?), and (((try_header))) should be defined in the module not only in (((Object))).

Also, since (((mkmf_failed))) should not be registered more than once, (((END))) block should not be moved?
=end

#2 - 11/22/2011 02:15 PM - drbrain (Eric Hodel)

I merged the try_func change and thought I got it right, but obviously not. I will check it again.

I will define try_header in MakeMakefile and restore the END behavior.

What do you think of the name "MakeMakefile"? I do not know if a name like "Mkmf" or "MkMf" would be better.

#3 - 11/23/2011 07:46 AM - drbrain (Eric Hodel)

- File mkmf.rb.in_a_module.2.patch added

I fixed the accidental reversion of try_func and placed try_header in the module. I also fixed the tests.

I restored the position of the END block outside the module.

#4 - 11/23/2011 07:48 AM - drbrain (Eric Hodel)

- File mkmf.rb.in_a_module.no_whitespace.patch added

Here is a separate patch of lib/mkmf.rb without whitespace changes for verification purposes

#5 - 11/24/2011 11:05 AM - nobu (Nobuyoshi Nakada)

- Assignee set to drbrain (Eric Hodel)

It seems same as mine.
Let's try it.

#6 - 11/29/2011 06:54 AM - drbrain (Eric Hodel)

- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r33890.
Eric, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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**Files**

- mkmf.rb.in_a_module.patch: 132 KB, 11/22/2011, drbrain (Eric Hodel)
- mkmf.rb.in_a_module.2.patch: 132 KB, 11/23/2011, drbrain (Eric Hodel)
- mkmf.rb.in_a_module.no_whitespace.patch: 2.81 KB, 11/23/2011, drbrain (Eric Hodel)