Ruby master - Bug #5449
nested constant opassign not working
10/15/2011 08:32 AM - rkh (Konstantin Haase)

<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>nobu (Nobuyoshi Nakada)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>1.9.2-p290</td>
</tr>
<tr>
<td>Backport:</td>
<td></td>
</tr>
</tbody>
</table>

Description
=begin
This code works on 1.9:

Foo ||= 42

However, (((::Foo ||= 42 ))) and
Foo ||= Module.new
Foo::Bar ||= 42

both raise a SyntaxError: constant re-assignment.

(Note: I had to use the ({{...}}) syntax so Redmine wouldn't turn ::Foo into a link)
=end

Related issues:
Has duplicate Ruby master - Bug #6067: Conditional assignment of a nested con...
Closed 02/23/2012

Associated revisions
Revision 7ea67573 - 12/24/2012 03:59 PM - nobu (Nobuyoshi Nakada)
scoped constant op-assignment

- node.h (NODE_OP_CDECL), compile.c (isec_compile_each), parse.y (stmt, arg): allow scoped constant op-assignment. [ruby-core:40154] [Bug #5449]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38585 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 38585 - 12/24/2012 03:59 PM - nobu (Nobuyoshi Nakada)
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Revision 73fb923c - 12/24/2012 11:50 PM - nobu (Nobuyoshi Nakada)
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38586 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 38586 - 12/24/2012 11:50 PM - nobu (Nobuyoshi Nakada)
scoped constant op-assignment

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Revision 38586 - 12/24/2012 11:50 PM - nobu (Nobuyoshi Nakada)
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Revision 94b57518 - 12/25/2012 12:30 AM - nobu (Nobuyoshi Nakada)
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- test/ripper/test_parser_events.rb (test_opassign_error): backref opassign is only error.
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38587 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 38587 - 12/25/2012 12:30 AM - nobu (Nobuyoshi Nakada)
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History

#1 - 10/19/2011 11:44 AM - technohippy (Yasushi ANDO)

- File parse.y.patch added

I checked this just for my curiosity.

---

`foo || = 42`

08/06/2021 3/4
does not work on ruby1.8,

```ruby
::Foo = 42 # constant re-assignment
Foo = Foo || 42 # uninitialized constant
```

and these two statements raise exceptions on ruby1.9. IMHO, "Foo ||= 42" should raise an error on 1.9. I attached my poor patch for the purpose of reference.

#2 - 03/11/2012 04:20 PM - ko1 (Koichi Sasada)
- Status changed from Open to Assigned
- Assignee set to matz (Yukihiro Matsumoto)
- Target version set to 2.0.0

#3 - 07/14/2012 03:30 PM - ko1 (Koichi Sasada)
- Assignee changed from matz (Yukihiro Matsumoto) to nobu (Nobuyoshi Nakada)

matz said that it should not raise an error.

#4 - 12/25/2012 12:59 AM - nobu (Nobuyoshi Nakada)
- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r38585. Konstantin, thank you for reporting this issue. Your contribution to Ruby is greatly appreciated. May Ruby be with you.

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<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>parse.y.patch</td>
<td>481</td>
<td>10/19/2011</td>
<td>technohippy (Yasushi ANDO)</td>
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