

Ruby trunk - Feature #12686

Allowing a postponed rescue in a method argument

08/18/2016 05:03 AM - sonots (Naotoshi Seo)

Status:	Closed
Priority:	Normal
Assignee:	
Target version:	
Description	
On defining my own DSL, I wanted to write a code like:	
<pre>foo (Integer(ENV['FOO']) rescue nil)</pre>	
where foo is a method which receives one argument , but I got following error	
<pre>SyntaxError: (irb):1: syntax error, unexpected modifier_rescue, expecting ')'</pre>	
In contrast, following codes were valid:	
<pre>foo ((Integer(ENV['FOO']) rescue nil))</pre>	
or	
<pre>foo (begin; Integer(ENV['FOO']); rescue; nil; end)</pre>	
This is a feature request to allow such a syntax, a postponed rescue in a method argument.	

Associated revisions

Revision ec8f8fa4 - 08/19/2016 02:39 AM - nobu (Nobuyoshi Nakada)

parse.y: lparen_arg statement

- parse.y (primary): allow parenthesised statement as a method argument. [Feature #12686]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@55965 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History

#1 - 08/18/2016 06:00 AM - nobu (Nobuyoshi Nakada)

It sounds nothing wrong with it, to me.

```
diff --git i/parse.y w/parse.y
```

```

index 17f0f9c..7a14941 100644
--- i/parse.y
+++ w/parse.y
@@ -2659,7 +2659,7 @@ primary      : literal
     $<val>1 = cmdarg_stack;
     CMDARG_SET(0);
     }
-   expr {SET_LEX_STATE(EXPR_ENDARG);} rparen
+   stmt {SET_LEX_STATE(EXPR_ENDARG);} rparen
     {
     CMDARG_SET($<val>1);
     /*%%*/
diff --git i/test/ruby/test_syntax.rb w/test/ruby/test_syntax.rb
index ce01358..9b5b9f1 100644
--- i/test/ruby/test_syntax.rb
+++ w/test/ruby/test_syntax.rb
@@ -827,6 +827,10 @@
     end
   end

+ def test_stmt_lparen_arg
+   assert_valid_syntax("foo (bar rescue nil)")
+ end
+
private

def not_label(x) @result = x; @not_label ||= nil end

```

#2 - 08/18/2016 06:22 AM - nobu (Nobuyoshi Nakada)

https://github.com/ruby/ruby/compare/trunk...nobu:feature/12686-lparen_arg-stmt

#3 - 08/18/2016 08:10 AM - nobu (Nobuyoshi Nakada)

tLPAREN_ARG has been introduced at 1.7, I think we can clear up spaces and parentheses rules now.

#4 - 08/19/2016 02:39 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset r55965.

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- parse.y (primary): allow parenthesised statement as a method argument. [Feature [#12686](#)]