

Ruby trunk - Bug #7406

English.rb says that \$_ is thread-local, but it is frame-local

11/20/2012 07:28 AM - headius (Charles Nutter)

Status: Closed	
Priority: Normal	
Assignee: mame (Yusuke Endoh)	
Target version: 2.0.0	
ruby -v: 2.0.0preview1	Backport: 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN
Description system ~/projects/jruby/gist-4110634 \$ jirb irb(main):001:0> \$_ = 'foo' => "foo" irb(main):002:0> def blah; p \$; end => nil irb(main):003:0> p \$ "foo" => "foo" irb(main):004:0> blah nil => nil Not thread-local.	

Associated revisions

Revision 2ae0c4c4 - 02/02/2013 02:47 AM - mame (Yusuke Endoh)

- lib/English.rb: Remove some confusing words from rdoc. [Bug #7406]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@39010 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 39010 - 02/02/2013 02:47 AM - mame (Yusuke Endoh)

- lib/English.rb: Remove some confusing words from rdoc. [Bug #7406]

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History

#1 - 11/20/2012 07:32 AM - headius (Charles Nutter)

I guess this is a bit confusing, since it does also say it's scope-local. The thread-local part throws me off a bit. Is it thread-local or scope-local?

Here's the example again, this time actually running in 2.0.0.preview1:

```
system ~/projects/jruby $ irb-2.0.0
```

```
irb(main):001:0> $_ = 'foo'
=> "foo"
irb(main):002:0> def blah; p $; end
=> nil
irb(main):003:0> p $
"foo"
=> "foo"
irb(main):004:0> blah
nil
=> nil
```

#2 - 11/24/2012 06:17 PM - mame (Yusuke Endoh)

- Status changed from Open to Assigned
- Assignee set to mame (Yusuke Endoh)
- Target version set to 2.0.0

I think that "scope-local" normally implies "thread-local".
If you think it is confusing, I'll delete the comments, unless there is objection.

```
diff --git a/lib/English.rb b/lib/English.rb
index 4fd53c5..44baf17 100644
--- a/lib/English.rb
+++ b/lib/English.rb
@@ -119,7 +119,7 @@ alias $CHILD_STATUS      $?
# and $1 to $9 are all derived from
# $~. Assigning to $~ changes the values of these
# derived variables. This variable is local to the current
-# scope. Thread local.
+# scope.
alias $LAST_MATCH_INFO    $~

# If set to any value apart from +nil+ or +false+, all pattern matches
@@ -135,21 +135,21 @@ alias $ARGV              $*

# The string matched by the last successful pattern
# match. This variable is local to the current
-# scope. Read only. Thread local.
+# scope. Read only.
alias $MATCH              $&

# The string preceding the match in the last
# successful pattern match. This variable is local to
-# the current scope. Read only. Thread local.
+# the current scope. Read only.
alias $PREMATCH          $`

# The string following the match in the last
# successful pattern match. This variable is local to
-# the current scope. Read only. Thread local.
+# the current scope. Read only.
alias $POSTMATCH         $'

# The contents of the highest-numbered group matched in the last
# successful pattern match. Thus, in "cat" =~ /(c|a)(t|z)/,
# $+ will be set to "t". This variable is local to the
-# current scope. Read only. Thread local.
+# current scope. Read only.
alias $LAST_PAREN_MATCH  $+
```

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Yusuke Endoh mame@tsg.ne.jp

#3 - 02/02/2013 11:47 AM - mame (Yusuke Endoh)

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

This issue was solved with changeset [r39010](#).
Charles, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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- lib/English.rb: Remove some confusing words from rdoc. [Bug [#7406](#)]