Ruby master - Feature #5893

named return,next...

01/13/2012 10:51 PM - neleai (Ondrej Bilka)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Rejected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
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<td>Target version:</td>
<td>2.0.0</td>
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</tbody>
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**Description**

Hello. As returning from various blocks is recurring theme at list I propose following.

You can assign label to each block. You can exit given block by referring to its label. Syntax can be ::label to avoid ambiguity (But prettier syntax would be desirable).

return,next,break,redo would work as they do now.

Here is example

```ruby
while ::loop true
  10.times{ ::outer
    10.times{ ::inter
      next ::outer if i>6
      return ::inner 42 if j>4
      puts i,j
    }
  }
end
```

# For readability we could optionally add label at end of block.

break ::loop

end

**History**

#1 - 01/13/2012 11:23 PM - yeban (Anurag Priyam)

On Fri, Jan 13, 2012 at 7:21 PM, Ondrej Bilka neleai@seznam.cz wrote:

Hello. As returning from various blocks is recurring theme at list I propose following.

You can assign label to each block. You can exit given block by referring to its label. Syntax can be ::label to avoid ambiguity (But prettier syntax would be desirable).

Doesn't throw/catch to that already?

--

Anurag Priyam

#2 - 01/13/2012 11:29 PM - neleai (Ondrej Bilka)

On Fri, Jan 13, 2012 at 11:11:28PM +0900, Anurag Priyam wrote:

On Fri, Jan 13, 2012 at 7:21 PM, Ondrej Bilka neleai@seznam.cz wrote:

Hello. As returning from various blocks is recurring theme at list I propose following.

You can assign label to each block. You can exit given block by referring to its label. Syntax can be ::label to avoid ambiguity (But prettier syntax would be desirable).

Doesn't throw/catch to that already?

No unless you are happy with passing result by global variable.

#3 - 01/14/2012 12:23 AM - neleai (Ondrej Bilka)

On Fri, Jan 13, 2012 at 11:34:17PM +0900, Yukihiro Matsumoto wrote:
Hi,

In message "Re: [ruby-core:42115] Re: [ruby-trunk - Feature #5893][Open] named return,next..." on Fri, 13 Jan 2012 23:26:36 +0900, Ondřej Bílka neleai@seznam.cz writes:

|> Doesn't throw/catch to that already?  
|No unless you are happy with passing result by global variable.  

Have you ever tried?  throw can pass the result to catch.

matz.

I did not know this one. In code I have seen it is typically something like this.

def return_it(foo)
  $foo=foo
  throw(:my_constant)
end

$foo=nil
$t=try(:my_constant){
  yield
}
$t=$foo if $foo

#4 - 01/14/2012 12:23 AM - yeban (Anurag Priyam)
2012/1/13 Ondřej Bílka neleai@seznam.cz:

Yukihiro Matsumoto wrote:

  throw can pass the result to catch.

  I did not know this one.

In my opinion, Sinatra is a very good example here. Look for throw/catch in lib/sinatra/base.rb.

--
Anurag Priyam

#5 - 03/05/2012 11:46 AM - matz (Yukihiro Matsumoto)

Hi,

In message "Re: [ruby-core:42115] Re: [ruby-trunk - Feature #5893][Open] named return,next..." on Fri, 13 Jan 2012 23:26:36 +0900, Ondřej Bílka neleai@seznam.cz writes:

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matz.

#6 - 03/29/2012 01:45 AM - mame (Yusuke Endoh)

- Status changed from Open to Rejected

I believe this is already solved. Closing.

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Yusuke Endoh mame@tsg.ne.jp