

Ruby master - Bug #9335

dynamic rescue regression in Ruby 2.1

01/01/2014 11:20 AM - fdr (Daniel Farina)

Status: Rejected	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.1.0p0 (2013-12-25 revision 44422) [x86_64-linux]	Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN, 2.1: UNKNOWN
Description The following type of rescue block appears broken: <pre>begin raise 'hello' rescue ->(e) { true } end</pre> In Ruby 1.9.3p484, this exits with a normal exit code and no output. On Ruby 2.1.0, it instead yields: /tmp/badin21.rb:4:in rescue in <main>: class or module required for rescue clause (TypeError) from /tmp/badin21.rb:2:in' Some research suggests this is a regression to the pre-1.9.2 behavior, and there doesn't seem to be any direct mention about this change in the changelog of 2.1 nor 2.0.	

History

#1 - 01/01/2014 12:44 PM - fdr (Daniel Farina)

This seems to apply to 2.0 as well. Here's the commit found by git bisect:

```
commit 93b6f8d6195564d0884ee00f536a951f4c26288c
Author: ko1 <ko1@b2dd03c8-39d4-4d8f-98ff-823fe69b080e>
Date: Wed Aug 8 07:52:19 2012 +0000
```

```
* compile.c, insns.def (checkmatch):
  remove checkincludearray instruction and
  add new instruction checkmatch.
  This change is to solve
  [Bug #4438] "rescue args type check omitted".
* iseq.c: increment ISEQ_MAJOR_VERSION because removal of
  checkincludearray instruction.
* vm_core.h: add several definitions for
  the checkmatch instruction.
* vm_inshelper.c (check_match): added.
* bootstraptest/test_exception.rb: add a test.
* test/ruby/test_exception.rb: ditto.
```

```
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36658 b2dd03c8-39d4-4d8f-98ff-823fe69b080e
```

#2 - 01/01/2014 12:47 PM - fdr (Daniel Farina)

Some other person on the internet also took the time to track this change in behaviors over time:

<https://gist.github.com/gmallard/7034128>

#3 - 01/01/2014 03:28 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Rejected

It had been allowed on 1.9.3 accidentally.

In other words, it's a fixed bug.

#4 - 01/02/2014 06:23 AM - avdi (Avdi Grimm)

I believe I can make a solid case for this as an accidental feature rather than a bug. Should I open a new ticket to do so?

On Wed, Jan 1, 2014 at 1:28 AM, nobu (Nobuyoshi Nakada) nobu@ruby-lang.org wrote:

Issue [#9335](#) has been updated by nobu (Nobuyoshi Nakada).

Status changed from Open to Rejected

It had been allowed on 1.9.3 accidentally.
In other words, it's a fixed bug.

Bug [#9335](#): dynamic rescue regression in Ruby 2.1
<https://bugs.ruby-lang.org/issues/9335#change-44005>

Author: fdr (Daniel Farina)
Status: Rejected
Priority: Normal
Assignee:
Category:
Target version:
ruby -v: ruby 2.1.0p0 (2013-12-25 revision 44422) [x86_64-linux]
Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN, 2.1: UNKNOWN

The following type of rescue block appears broken:

```
begin
  raise 'hello'
  rescue ->(e) { true }
end
```

In Ruby 1.9.3p484, this exits with a normal exit code and no output.

On Ruby 2.1.0, it instead yields:

```
/tmp/badin21.rb:4:in rescue in <main>!: class or module required for
rescue clause (TypeError)
from /tmp/badin21.rb:2:in'
```

Some research suggests this is a regression to the pre-1.9.2 behavior, and there doesn't seem to be any direct mention about this change in the changelog of 2.1 nor 2.0.

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<http://bugs.ruby-lang.org/>

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Avdi Grimm
<http://avdi.org>

I only check email twice a day. to reach me sooner, go to
<http://awayfind.com/avdi>

#5 - 01/03/2014 06:31 AM - drbrain (Eric Hodel)

On 1 Jan 2014, at 13:19, Avdi Grimm avdi@avdi.org wrote:

I believe I can make a solid case for this as an accidental feature rather than a bug. Should I open a new ticket to do so?

I think so.

Files

badin21.rb	64 Bytes	01/01/2014	fdr (Daniel Farina)
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