

Ruby - Feature #12063

KeyError#receiver and KeyError#name

02/11/2016 01:41 PM - ksss (Yuki Kurihara)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
Description I propose KeyError#receiver and KeyError#name (or KeyError#key) like NameError . I think these method help to debug. And will be able to find typo on <code>did_you_mean</code> gem. See also https://github.com/yuki24/did_you_mean/pull/71 <pre>begin h = {foo: 1, bar: 2} h.fetch(:bax) rescue KeyError => e p e.receiver #=> {foo: 1, bar: 2} equal `h` p e.name #=> :bax end begin h = {foo: 1, bar: 2, baz: 3} h.fetch_values(:bar, :bax) rescue KeyError => e p e.receiver #=> {foo: 1, bar: 2, baz: 3} equal `h` p e.name #=> :bax end begin ENV.fetch("HOEM") rescue KeyError => e p e.receiver #=> ENV p e.name #=> "HOEM" end begin sprintf("%<foo>d", {fooo: 1}) rescue KeyError => e p e.receiver #=> {fooo: 1} p e.name #=> :foo end</pre>		

Associated revisions

Revision 13f5dcb9f25cf07ef22baa5aded490395700b283 - 09/18/2017 08:05 AM - nobu (Nobuyoshi Nakada)

error.c: **KeyError#receiver** and **KeyError#key**

- error.c: new method **KeyError#receiver** and **KeyError#key**.
[Feature #12063]
- hash.c: make **KeyError** object with receiver and key.
- sprintf.c: ditto.

Author: ksss co000ri@gmail.com

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@59955 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History

#1 - 02/16/2016 02:56 PM - ksss (Yuki Kurihara)

I made a patch <https://github.com/ruby/ruby/pull/1251>

#2 - 10/26/2016 11:30 AM - ferdinandrosario@gmail.com (ferdinand rosario)

- Assignee set to core

#3 - 10/26/2016 11:59 AM - hsbt (Hiroshi SHIBATA)

- Assignee deleted (core)

#4 - 11/25/2016 06:22 AM - matz (Yukihiro Matsumoto)

Agreed.

Matz.

#5 - 04/02/2017 06:23 AM - ksss (Yuki Kurihara)

Which method name is best?

"**name**" referenced from "**NameError**".

But I think, "**key**" is also good. Because this is "**KeyError**" method.

The patch on github is using "**key**".

Thanks.

#6 - 04/02/2017 10:00 AM - Eregon (Benoit Daloze)

I think "name" is more consistent with other exceptions, such as NameError#name and NoMethodError#name (by inheritance).

#7 - 06/16/2017 08:23 AM - matz (Yukihiro Matsumoto)

Keys may not be names (strings and symbols), so I think key is a sufficient name for the method.

Matz.

#8 - 09/18/2017 08:05 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset trunk|r59955.

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