

## Ruby 1.8 - Bug #1593

### Exception backtrace within eval lacks topmost function

06/09/2009 06:53 PM - chowlett (Chris Howlett)

<b>Status:</b>	Assigned
<b>Priority:</b>	Normal
<b>Assignee:</b>	nobu (Nobuyoshi Nakada)
<b>Target version:</b>	
<b>ruby -v:</b>	ruby 1.8.6 (2007-09-24 patchlevel 111) [i386-mswin32]

#### Description

=begin  
Hi,

I have a code snippet which uses eval to execute a Ruby fragment, protected with begin...rescue. If I attempt to display the exception backtrace within the rescue branch, the topmost line of context is missing. For instance:

```
except.rb:
def foo()
bar()
end

def bar()
baz()
end

def baz()
raise "Boom"
end

puts "Direct call."
begin
foo
rescue => e
puts e.backtrace
end

puts "\nThrough eval."
begin
eval "foo"
rescue => e
puts e.backtrace
end
```

Running this code produces:

```
\lib>except.rb
Direct call.
/lib/except.rb:10:in `baz'
/lib/except.rb:6:in `bar'
/lib/except.rb:2:in `foo'
/lib/except.rb:15
```

```
Through eval.
/lib/except.rb:22
/lib/except.rb:6:in `bar'
/lib/except.rb:2:in `foo'
(eval):1
```

Note that in the eval case, `baz' is not present in the backtrace.

=end

## History

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#1 - 11/28/2009 06:15 AM - **ujihisa (Tatsuhiko Ujihisa)**

- *Status changed from Open to Assigned*
- *Assignee set to nobu (Nobuyoshi Nakada)*

=begin

=end