

Ruby - Bug #20062

Numbered parameters are broken in Ruby 3.3-dev

12/13/2023 03:33 PM - osyo (manga osyo)

Status:Closed Priority:Normal Assignee:nobu (Nobuyoshi Nakada) Target version:3.3 ruby -v:ruby 3.3.0dev (2023-12-13T13:16:11Z master f390c51b15) [x86_64-linux]	Backport:3.1: DONTNEED, 3.2: DONTNEED
Description Define Numbered parameters and a method in one block and then reference Numbered parameters in another block, you will get a SyntaxError in Ruby 3.3. This is not a problem in Ruby 3.2. 'a'.tap do p _1 def f1; end end 'a'.tap do p _1 end __END__ output: Ruby 3.2.2 => "a" "a" Ruby 3.3.0dev(2023-12-13T13:16:11Z master f390c51b15) => /path/to/test.rb: /path/to/test.rb:8: numbered parameter is already used in (SyntaxError) /path/to/test.rb:2: outer block here I noticed this while checking the operation of https://bugs.ruby-lang.org/issues/18966. I haven't checked, but https://bugs.ruby-lang.org/issues/19619 may be related.	
Related issues: Is duplicate of Ruby - Bug #18966: Strange behavior when numbered parameters ... Open	

Associated revisions

Revision 92b10f5be7453aceb5863e46ac775a4ddbf83b97 - 12/15/2023 05:11 PM - nobu (Nobuyoshi Nakada)

[Bug #20062] Fixed numbered parameter syntax error

At the method definition, the local scope that saves the context of the numbered parameters needs to be pushed before saving.

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Revision 92b10f5b - 12/15/2023 05:11 PM - nobu (Nobuyoshi Nakada)

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History

#1 - 12/13/2023 05:57 PM - k0kubun (Takashi Kokubun)

- Assignee set to nobu (Nobuyoshi Nakada)

I haven't checked, but <https://bugs.ruby-lang.org/issues/19619> may be related.

```
$ ./miniruby -v /tmp/test.rb
ruby 3.3.0dev (2023-05-02T09:27:10Z master 31774bd565) [x86_64-linux]
"a"
"a"

$ ./miniruby -v /tmp/test.rb
ruby 3.3.0dev (2023-05-02T08:39:18Z master b15e88e0fc) [x86_64-linux]
/tmp/test.rb: /tmp/a.rb:8: numbered parameter is already used in (SyntaxError)
/tmp/test.rb:2: outer block here
```

It indeed seems to have been broken since <https://github.com/ruby/ruby/pull/7779>.

#2 - 12/13/2023 05:59 PM - k0kubun (Takashi Kokubun)

- Backport changed from 3.0: UNKNOWN, 3.1: UNKNOWN, 3.2: UNKNOWN to 3.0: DONTNEED, 3.1: DONTNEED, 3.2: DONTNEED

#3 - 12/14/2023 12:04 AM - k0kubun (Takashi Kokubun)

- Target version set to 3.3

#4 - 12/15/2023 04:30 PM - nobu (Nobuyoshi Nakada)

<https://github.com/ruby/ruby/pull/9255>

#5 - 12/15/2023 04:40 PM - nobu (Nobuyoshi Nakada)

- Backport changed from 3.0: DONTNEED, 3.1: DONTNEED, 3.2: DONTNEED to 3.0: REQUIRED, 3.1: REQUIRED, 3.2: REQUIRED

#6 - 12/15/2023 04:43 PM - nobu (Nobuyoshi Nakada)

- Is duplicate of Bug #18966: Strange behavior when numbered parameters and method definition are both used in a block added

#7 - 12/15/2023 06:32 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset [git|92b10f5be7453aceb5863e46ac775a4ddb83b97](https://github.com/ruby/ruby/commit/92b10f5be7453aceb5863e46ac775a4ddb83b97).

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#8 - 07/20/2024 12:52 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 3.0: REQUIRED, 3.1: REQUIRED, 3.2: REQUIRED to 3.1: DONTNEED, 3.2: DONTNEED

I believe this issue is not the case on ruby_3_2. The test case added was passed with current ruby_3_2 branch.