Ruby master - Bug #17533

Named capture is not assigned to the same variable as reserved words.

01/13/2021 12:14 PM - nobu (Nobuyoshi Nakada)

Status: Closed
Priority: Normal
Assignee: 
Target version: 
ruby -v: 
Backport: 2.5: REQUIRED, 2.6: REQUIRED, 2.7: DONE, 3.0: DONE

Description

It is expected that named captures don't add new variables same as reserved words, and such variables couldn't be made usually at the time when named capture was implemented.

Keyword arguments since 2.0 can be the same as reserved words, however an assignment to an such already defined variable has been also suppressed now.

def test(s, nil: :ng)
  /(?<nil>.)/ =~ s
  binding.local_variable_get(:nil)
end
p test("a") #=> :ng

  tap do |nil: :ng|
  /(?<nil>.)/ =~ "c"
  p binding.local_variable_get(:nil) #=> :ng
end

Associated revisions

Revision 0036648a - 01/13/2021 12:16 PM - nobu (Nobuyoshi Nakada)
Capture to reserved name variables if already defined [Bug #17533]

Revision 1b0622d7 - 02/01/2021 10:20 AM - naruse (Yui NARUSE)
merge revision(s) 0036648a420f945624898568bb82bc5f83195d12: [Backport #17533]

Revision 3d39ad21 - 02/20/2021 08:56 AM - nagachika (Tomoyuki Chikanaga)
merge revision(s) 0036648a420f945624898568bb82bc5f83195d12: [Backport #17533]

History

#1 - 01/13/2021 01:11 PM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed

Captured in changeset git|0036648a420f945624898568bb82bc5f83195d12.

Capture to reserved name variables if already defined [Bug #17533]
#2 - 02/01/2021 12:35 PM - naruse (Yui NARUSE)
- Backport changed from 2.5: REQUIRED, 2.6: REQUIRED, 2.7: REQUIRED, 3.0: REQUIRED to 2.5: REQUIRED, 2.6: REQUIRED, 2.7: REQUIRED, 3.0: DONE

ruby_3_0 1b0622d7a9451dbeaadcc1f416b71a98271e097 merged revision(s) 0036648a420f945624898568bb82bc5f83195d12.

#3 - 02/20/2021 08:56 AM - nagachika (Tomoyuki Chikanaga)
- Backport changed from 2.5: REQUIRED, 2.6: REQUIRED, 2.7: REQUIRED, 3.0: DONE to 2.5: REQUIRED, 2.6: REQUIRED, 2.7: DONE, 3.0: DONE

ruby_2_7 3d39ad217866138de1d3597440ef6358690b3435 merged revision(s) 0036648a420f945624898568bb82bc5f83195d12.