A strange behavior when same name variable/method coexist issue.

Reproduce

def deploy_to
  "deploy_to"
end

deploy_to = "#{deploy_to} new place"

p defined? deploy_to # => local_variable
p deploy_to # => "#{deploy_to} new place"

What we expected.

def deploy_to
  "deploy_to"
end

deploy_to = "#{deploy_to} new place"

p defined? deploy_to # => local_variable
p deploy_to # => "deploy_to new place"

This strange behavior i found it after several years ruby programming.
Perhaps this is always the expected behavior?
i report here for check anyway

History

#1 - 08/21/2021 08:28 AM - byroot (Jean Boussier)
It is excepted because of variable hoisting.
Same reason why foo = 1 unless foo works.

#2 - 08/21/2021 09:31 AM - matz (Yukihiro Matsumoto)
- Status changed from Open to Closed

Local variables are defined when they appear in assignments, thus

defploy_to = "#{deploy_to} new place"
# ^ assignment  ^local variable

To avoid ambiguity, use parenthesis.

defploy_to = "#{deploy_to()} new place"

Matz.