Ruby master - Bug #18878

parse.y: Foo::Bar {} is inconsistently rejected

06/26/2022 01:06 PM - qnighy (Masaki Hara)

Status: Open
Priority: Normal
Assignee:
Target version:

ruby -v:
ruby 3.1.2p20 (2022-04-12 revision 4491bb740a) [x86_64-linux]

Backport:
2.7: UNKNOWN, 3.0: UNKNOWN, 3.1: UNKNOWN

Description

The following source doesn't parse:

Foo::Bar {}

despite the following:

bar    # local variable or method call
Bar    # constant
bar()   # method call
Bar()   # method call
bar {}  # method call
Bar {}  # method call
bar {}  # method call
Bar {}  # method call
Foo::bar # method call
Foo::Bar # constant
Foo::bar() # method call
Foo::Bar() # method call
Foo::bar {} # method call
# Foo::Bar {} # SyntaxError
Foo::bar{} {} # method call
Foo::Bar{} {} # method call

Especially considering Bar {}, this looks like a missing implementation rather than an intentional behavior.

History

#1 - 06/27/2022 04:48 PM - ihmzhou (Linda Zhou)

Is there a more descriptive error message, or is SyntaxError the only output provided?

#2 - 06/28/2022 03:38 AM - qnighy (Masaki Hara)

Is there a more descriptive error message, or is SyntaxError the only output provided?

This is the actual error message:

% ruby -e 'Foo::Bar {}'
-e:1: syntax error, unexpected '{'
Foo::Bar {}