

Ruby master - Bug #16020

Forbid `if` `elsif` without a condition

07/25/2019 12:16 PM - bogdanvlviv (Bogdan Denkovych)

Status: Rejected	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.6.3p62 (2019-04-16 revision 67580) [x86_64-linux]	Backport: 2.5: UNKNOWN, 2.6: UNKNOWN

Description

Hello.

I might have missed something, but examples like:

```
if
  puts "!!!!1"
elsif
  puts "!!!!2"
elsif
  puts "!!!!3"
else
  puts "!!!!4"
end
```

```
# Output:
# !!!!1
# !!!!2
# !!!!3
# !!!!4
```

```
if false
  puts "!!!!1"
elsif 1==2
  puts "!!!!2"
elsif
  puts "!!!!3"
else
  puts "!!!!4"
end
```

```
# Output:
# !!!!3
# !!!!4
```

are confusing. We probably should raise `SyntaxError` in the case when `if/elsif` is being used without any condition. What do you think about it?

Original source: <https://twitter.com/bogdanvlviv/status/1154356514628493313>

Edited:

<https://twitter.com/mamantoha/status/1154369189647454213> helped me to figure out that

The code like

```
if false
  puts "!!!!1"
elsif 1==2
  puts "!!!!2"
elsif
  puts "!!!!3"
```

```
else
  puts "!!!!4"
end
```

is similar to

```
if false
  puts "!!!!1"
elsif 1==2
  puts "!!!!2"
elsif (puts "!!!!3")
else (puts "!!!!4")
end
```

Probably Ruby should be more strict in those cases because such code is more prone to bugs.

History

#1 - 07/25/2019 12:28 PM - bogdanvlviv (Bogdan Denkovych)

- ruby -v changed from ruby 2.6.3p62 (2019-04-16 revision 67580) [x86_64-linux to ruby 2.6.3p62 (2019-04-16 revision 67580) [x86_64-linux]

#2 - 07/25/2019 01:06 PM - bogdanvlviv (Bogdan Denkovych)

- Description updated

#3 - 07/25/2019 01:13 PM - bogdanvlviv (Bogdan Denkovych)

- Description updated

#4 - 07/25/2019 01:56 PM - znz (Kazuhiro NISHIYAMA)

Rubocop can detect such bug.

https://rubocop.readthedocs.io/en/stable/cops_layout/#layoutconditionposition

#5 - 07/25/2019 05:49 PM - marcandre (Marc-Andre Lafortune)

- Status changed from Open to Rejected