

Ruby - Bug #20252

Incompatibility with the `-h` option in optparse on Ruby 3.4.0dev

02/09/2024 04:36 PM - koic (Koichi ITO)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 3.4.0dev (2024-02-09T12:28:26Z master 08b77dd682) [x86_64-darwin23]	Backport: 3.0: DONTNEED, 3.1: DONTNEED, 3.2: DONTNEED, 3.3: DONTNEED

**Description**

An incompatibility has arisen when using optparse with Ruby 3.4.0dev. Below are the steps to reproduce:

```
# example.rb
require 'optparse'

OptionParser.new do |opts|
  opts.on('--[no-]foo')
end.parse!
```

**Expected (Ruby 3.3 or lower)**

It is represented as `--[no-]foo`.

```
$ ruby -v
ruby 3.3.0 (2023-12-25 revision 5124f9ac75) [x86_64-darwin22]

$ ruby example.rb -h
Usage: example [options]
      --[no-]foo
```

**Actual (Ruby 3.4)**

It is represented as `--foo, --no-foo`.

```
$ ruby -v
ruby 3.4.0dev (2024-02-09T12:28:26Z master 08b77dd682) [x86_64-darwin23]

$ ruby example.rb -h
Usage: example [options]
      --foo, --no-foo
```

This change is likely due to <https://github.com/ruby/optparse/pull/60>.

I have a question. Is the alteration in the representation of the `-h` option from Ruby 3.4.0dev intentional, or should the representation as it was up to Ruby 3.3 be maintained?

This incompatibility was encountered during RuboCop's CI.  
<https://github.com/rubocop/rubocop/actions/runs/7845618444/job/21410458812?pr=12657>

History

- #1 - 02/11/2024 02:08 AM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed
  - Backport changed from 3.0: UNKNOWN, 3.1: UNKNOWN, 3.2: UNKNOWN, 3.3: UNKNOWN to 3.0: DONTNEED, 3.1: DONTNEED, 3.2: DONTNEED, 3.3: DONTNEED