Ruby - Bug #14584

Squigly heredoc with interpolation that has a string literal withe spaces gets incorrect value

03/07/2018 08:07 PM - asterite (Ary Borenszweig)

Status:	Closed			
Priority:	Normal			
Assignee:				
Target version:				
ruby -v:	ruby 2.5.0p0 (2017-12-25 revision 61468) [x86_64-darwin17]		**Backport:**	2.3: REQUIRED, 2.4: REQUIRED, 2.5: DONE

Description

Given this program:

```
text1 = <<~FOO
  one#{"   two    "}
  FOO

text2 = <<~FOO
one#{"   two    "}
FOO

p text1
p text2
```

The output is:

```
"one two    \n"
"one    two    \n"
```

The two should be equal.

I think the problem happens because squigly heredoc will remove the first two spaces from each line in the heredoc, but it seems to also be removing it from literals inside interpolation inside a heredoc.

Related issues:

Related to Ruby - Bug #11989: Dedenting interpolating heredoc can interpret e...	**Closed**

Associated revisions

Revision f2b094a522717be65a65f478159e6a3166b8651c - 03/11/2018 12:19 PM - nobu (Nobuyoshi Nakada)

parse.y: fix interpolated string literal dedent

- parse.y (heredoc_dedent): fix interpolated string literal dedent, remove indentations from only nodes with the newline flag. [ruby-core:85983] [Bug #14584]

- parse.y (here_document): set the newline flag on literal string nodes starting at the beginning of line.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@62724 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision f2b094a5 - 03/11/2018 12:19 PM - nobu (Nobuyoshi Nakada)

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Revision 2bedc514725bd4ec27e6fdc3aed485badc1a3ec0 - 03/24/2018 11:43 AM - naruse (Yui NARUSE)

merge revision(s) 62723,62724: [Backport #14584]

```
parse.y: reduce duplicate code

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_5@62909 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 2bedc514 - 03/24/2018 11:43 AM - naruse (Yui NARUSE)

merge revision(s) 62723,62724: [Backport #14584]

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History

#1 - 03/08/2018 01:43 AM - sikachu (Prem Sichanugrist)

󰄛󰄛 I can confirm this bug exists in 2.5.0p0.

Also, it seems like the number of spaces it's removing is based on the gutter size as well (which is expected?)

```
# two spaces gutter, four leading spaces in literal
<<~FOO
  two#{"    four     "}
FOO
#=> "two  four     \n"

# two spaces gutter, five leading spaces in literal
<<~FOO
  two#{"    five      "}
FOO
#=> "two  five      \n"

# three spaces gutter, five leading spaces in literal
<<~FOO
   three#{"     five      "}
FOO
#=> "three  five      \n"
```

I don't have enough Ruby lexer knowledge to fix this, so I hope someone will be able to spare their time taking care of this 󰄛󰄛󰄛󰄛

#2 - 03/08/2018 02:57 PM - asterite (Ary Borenszweig)

Interestingly enough, it doesn't happen when you have:

```
text1 = <<~FOO
  one#{"   two    " * 1}
  FOO
```

So it seems Ruby does this only when the interpolation has a string literal, presumably to optimize that out and embed it into the resulting heredoc string.

#3 - 03/11/2018 12:00 PM - nobu (Nobuyoshi Nakada)

- Related to Bug #11989: Dedenting interpolating heredoc can interpret escapes incorrectly added

#4 - 03/11/2018 12:01 PM - nobu (Nobuyoshi Nakada)

- Description updated

- Backport changed from 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN to 2.3: REQUIRED, 2.4: REQUIRED, 2.5: REQUIRED

#5 - 03/11/2018 12:19 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset trunk|r62724.

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parse.y: fix interpolated string literal dedent

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#6 - 03/24/2018 11:43 AM - naruse (Yui NARUSE)

- Backport changed from 2.3: REQUIRED, 2.4: REQUIRED, 2.5: REQUIRED to 2.3: REQUIRED, 2.4: REQUIRED, 2.5: DONE

ruby_2_5 r62909 merged revision(s) 62723,62724.