## String#grapheme_clusters does not work with wide encodings

### Description

$ ruby2.5 -v -e 'p "abc".encode("UTF-16BE").grapheme_clusters'

```
ruby 2.5.5p157 (2019-03-15 revision 67260) [x86_64-darwin18]
[]
```

$ ruby2.6 -v -e 'p "abc".encode("UTF-16BE").grapheme_clusters'

```
ruby 2.6.3p62 (2019-04-16 revision 67580) [x86_64-darwin18]
[]
```

$ ruby -v -e 'p "abc".encode("UTF-16BE").grapheme_clusters'

```
ruby 2.7.0dev (2019-06-28T03:02:33Z master ff7f71b288) [x86_64-darwin18]
[]
```

### Associated revisions

#### Revision 2f6cc15c - 06/29/2019 01:10 AM - nobu (Nobuyoshi Nakada)

Fixed String#grapheme_clusters with wide encodings

- string.c (get_reg_grapheme_cluster): make regexp from properly encoded sources fro wide-char encodings. [Bug #15965]

- regparse.c (node_extended_grapheme_cluster): suppress false duplicated range warning for the time being.

#### Revision ad6ffac7 - 08/11/2019 12:17 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 8aecc90974ab1ac87056f77e2cb3406c5c041504,2f6cc15cdb3d64135b29cfd5ee376a5a03ebbee7: [Backport #15965]

Hoisted out WIDE_ENCODINGS

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_6@67741 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

#### Revision 67741 - 08/11/2019 12:17 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 8aecc90974ab1ac87056f77e2cb3406c5c041504,2f6cc15cdb3d64135b29cfd5ee376a5a03ebbee7: [Backport #15965]

Hoisted out WIDE_ENCODINGS

Fixed String#grapheme_clusters with wide encodings

- string.c (get_reg_grapheme_cluster): make regexp from properly encoded sources fro wide-char encodings. [Bug #15965]

- regparse.c (node_extended_grapheme_cluster): suppress false
History

#1 - 06/29/2019 01:17 AM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed

Applied in changeset git|2f6cc15c0d3b64135b29cfd5ee376a5a03ebbee7.

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#2 - 08/11/2019 12:18 PM - nagachika (Tomoyuki Chikanaga)
- Backport changed from 2.4: DONTNEED, 2.5: REQUIRED, 2.6: REQUIRED to 2.4: DONTNEED, 2.5: REQUIRED, 2.6: DONE

ruby_2_6 r67741 merged revision(s) 8aec90974ab1ac87056f77e2cb3406c5041504,2f6cc15c0d3b64135b29cfd5ee376a5a03ebbee7.