## Ruby master - Bug #15740

### Backport Unicode Version 12.1.0 and other Japanese new era issues to Ruby 2.6

03/31/2019 06:59 AM - duerst (Martin Dürst)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>naruse (Yui NARUSE)</td>
</tr>
<tr>
<td>Target version:</td>
<td></td>
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</tbody>
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| Backport: | 2.4: WONTFIX, 2.5: WONTFIX, 2.6: DONE |

### Description

Issue for backporting feature #15195 (deal with new Japanese era) once that feature's implementation has been completed in a few days or weeks.

### Related issues:

- Blocked by Ruby master - Feature #15195: Deal with new Japanese era  
  - Closed
- Blocked by Ruby master - Feature #15742: Add Date#jisx0301 support new Japanese era  
  - Closed

### Associated revisions

- **Revision 67441 - 04/05/2019 12:58 AM - duerst (Martin Dürst)**
  update to Unicode Version 12.1.0 (beta)

  Unicode Version 12.1.0 adds one single character, U+32FF SQUARE ERA NAME REIWA, for the new Japanese era starting on May 1st. 12.1.0 will be finalized only on May 7th, so we go with the beta version because further changes in the data we need are highly unlikely, and we want to make sure Ruby is ready for the new era.

  - common.mk: change UNICODE_VERSION to 12.1.0, UNICODE_BETA to YES
  - enc/unicode/12.1.0, enc/unicode/12.1.0/casefold.h, enc/unicode/12.1.0/name2ctype.h: add directory and generated data files for new version
  - lib/unicode_normalize/tables.rb: update for new character
  - test/ruby/test_regexp.rb: add test for character property age=12.1
  - test/test_unicode_normalize.rb: add test for NFKC decomposition of new character

  This (mostly) completes issue #15195.

- **Revision 67453 - 04/05/2019 11:52 PM - duerst (Martin Dürst)**
  remove Unicode 12.0.0 related directory and generated files

  This completes issue #15195.

- **Revision 67476 - 04/09/2019 09:41 AM - duerst (Martin Dürst)**
  mention support for Unicode Version 12.1.0 (issue #15195) in NEWS

- **Revision 69ec3936 - 04/13/2019 03:01 PM - naruse (Yui NARUSE)**
  merge revision(s) 67439,67441,67453,67476: [Backport #15740]

  - change lib/unicode_normalize/tables.rb to single item per line to make diffs shorter
  - * template/unicode_norm_gen.tmpl: Change formatting of output to produce only a single item (or range) for each line to make future diffs shorter and easier to understand and check.
  - * lib/unicode_normalize/tables.rb: output of the above
  - update to Unicode Version 12.1.0 (beta)

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* test/test_unicode_normalize.rb: add test for NFKC decomposition of new character

This (mostly) completes issue #15195.

remove Unicode 12.0.0 related directory and generated files

Revision 67525 - 04/13/2019 03:01 PM - naruse (Yui NARUSE)
merge revision(s) 67439,67441,67453,67476: [Backport #15740]

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* template/unicode_norm_gen.tmpl: Change formatting of output to produce only a single item (or range) for each line to make future diffs shorter and easier to understand and check.

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* test/test_unicode_normalize.rb: add test for NFKC decomposition of new character

This (mostly) completes issue #15195.

remove Unicode 12.0.0 related directory and generated files

History
#1 - 03/31/2019 07:00 AM - duerst (Martin Dürst)
- Blocked by Feature #15195: Deal with new Japanese era added

#2 - 04/01/2019 04:28 AM - duerst (Martin Dürst)
- Blocked by Feature #15742: Add Date#jisx0301 support new Japanese era added

#3 - 04/01/2019 04:29 AM - duerst (Martin Dürst)
- Subject changed from Backport update to Unicode Version 12.1.0 back to Ruby 2.6 branch to Backport Unicode Version 12.1.0 and other Japanese new era issues to Ruby 2.6

#4 - 04/13/2019 12:55 PM - naruse (Yui NARUSE)
- Status changed from Open to Closed

#5 - 04/13/2019 03:01 PM - naruse (Yui NARUSE)
- Backport changed from 2.4: UNKNOWN, 2.5: UNKNOWN, 2.6: REQUIRED to 2.4: UNKNOWN, 2.5: UNKNOWN, 2.6: DONE

ruby_2_6 r67525 merged revision(s) 67439, 67441, 67453, 67476.

#6 - 04/30/2019 08:24 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.4: UNKNOWN, 2.5: UNKNOWN, 2.6: DONE to 2.4: WONTFIX, 2.5: WONTFIX, 2.6: DONE