

## Ruby - Feature #15321

### Update Unicode data to Unicode Version 12.0.0

11/20/2018 06:57 AM - duerst (Martin Dürst)

|                                                                                                                                                                       |                       |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------|
| <b>Status:</b>                                                                                                                                                        | Closed                |               |
| <b>Priority:</b>                                                                                                                                                      | Normal                |               |
| <b>Assignee:</b>                                                                                                                                                      | duerst (Martin Dürst) |               |
| <b>Target version:</b>                                                                                                                                                |                       |               |
| <b>Description</b>                                                                                                                                                    |                       |               |
| Unicode Version 12.0.0 will be published in 2019, earlier than Unicode 11.0.0 in 2018. This is an issue to manage updating Ruby to Unicode 12.0.0. Details to follow. |                       |               |
| The target version may be Ruby 2.6.1 or 2.7.                                                                                                                          |                       |               |
| <b>Related issues:</b>                                                                                                                                                |                       |               |
| Related to Ruby - Bug #15641: Backport update to Unicode Version 12.0.0 back ...                                                                                      |                       | <b>Closed</b> |
| Related to Ruby - Feature #17750: Update Unicode data to Unicode Version 13.0.0                                                                                       |                       | <b>Closed</b> |
| Blocked by Ruby - Feature #14802: Update Unicode data to Unicode Version 11.0.0                                                                                       |                       | <b>Closed</b> |
| Blocks Ruby - Feature #15195: Deal with new Japanese era                                                                                                              |                       | <b>Closed</b> |

#### Associated revisions

##### Revision f831ca67642101e29bd2de91998d80560d2b7fb6 - 03/06/2019 03:19 AM - duerst (Martin Dürst)

delete directory and files related to Unicode version 11.0.0

this completes and closes feature #15321

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@67174 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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##### Revision f831ca67 - 03/06/2019 03:19 AM - duerst (Martin Dürst)

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this completes and closes feature #15321

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@67174 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 0dcd7bdaa25a0ad32bd8c2ec10830392e117e7a4 - 03/06/2019 06:36 AM - naruse (Yui NARUSE)

merge revision(s) 67169,67173,67174: [Backport #15641]

```
update Unicode version (and Emoji version) to 12.0.0
```

```
- common.mk: set UNICODE_VERSION and UNICODE_EMOJI_VERSION to 12.0.0
```

```
- lib/unicode_normalize/tables.rb: update table data to Unicode version 12.0.0
```

```
- enc/unicode/12.0.0/casefold.h, enc/unicode/12.0.0/name2ctype.h: add generated files for Unicode version 12.0.0
```

```
This is the main commit for #15321.
```

```
add news about Unicode version update (issue #15321) to NEWS [ci skip]
```

```
delete directory and files related to Unicode version 11.0.0
```

```
this completes and closes feature #15321
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_6@67175 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

## Revision 0dcd7bdaa25a0ad32bd8c2ec10830392e117e7a4 - 03/06/2019 06:36 AM - naruse (Yui NARUSE)

merge revision(s) 67169,67173,67174: [Backport #15641]

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update Unicode version (and Emoji version) to 12.0.0

- common.mk: set UNICODE_VERSION and UNICODE_EMOJI_VERSION to 12.0.0

- lib/unicode_normalize/tables.rb: update table data to Unicode version 12.0.0

- enc/unicode/12.0.0/casfold.h, enc/unicode/12.0.0/name2ctype.h: add generated
  files for Unicode version 12.0.0

This is the main commit for #15321.

add news about Unicode version update (issue #15321) to NEWS [ci skip]

delete directory and files related to Unicode version 11.0.0

this completes and closes feature #15321
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_6@67175 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

## Revision 0dcd7bda - 03/06/2019 06:36 AM - naruse (Yui NARUSE)

merge revision(s) 67169,67173,67174: [Backport #15641]

```
update Unicode version (and Emoji version) to 12.0.0

- common.mk: set UNICODE_VERSION and UNICODE_EMOJI_VERSION to 12.0.0

- lib/unicode_normalize/tables.rb: update table data to Unicode version 12.0.0

- enc/unicode/12.0.0/casfold.h, enc/unicode/12.0.0/name2ctype.h: add generated
  files for Unicode version 12.0.0

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add news about Unicode version update (issue #15321) to NEWS [ci skip]

delete directory and files related to Unicode version 11.0.0

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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby\_2\_6@67175 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

## History

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### #1 - 11/20/2018 06:58 AM - duerst (Martin Dürst)

- Blocked by Feature #14802: Update Unicode data to Unicode Version 11.0.0 added

### #2 - 11/20/2018 06:59 AM - duerst (Martin Dürst)

- Related to Feature #15195: Deal with new Japanese era added

### #3 - 11/20/2018 07:10 AM - duerst (Martin Dürst)

The beta announcement is at <http://unicode.org/versions/beta-12.0.0.html>, the draft summary is at <http://unicode.org/versions/Unicode12.0.0/>. A blog entry is at <http://blog.unicode.org/2018/11/unicode-120-beta-review.html>.

A draft list of emoji candidates is at <http://www.unicode.org/emoji/future/emoji-candidates.html>.

### #4 - 11/20/2018 07:31 AM - duerst (Martin Dürst)

The announcement for the draft list of emoji candidates is at <http://blog.unicode.org/2018/10/draft-candidates-for-emoji-120-beta.html>.

### #5 - 12/10/2018 04:56 AM - duerst (Martin Dürst)

- Related to deleted (Feature #15195: Deal with new Japanese era)

### #6 - 12/10/2018 04:57 AM - duerst (Martin Dürst)

- Blocks Feature #15195: Deal with new Japanese era added

**#7 - 01/06/2019 02:36 AM - duerst (Martin Dürst)**

I have confirmed that Ruby can be updated to Unicode 12.0.0 and all tests (make check) are passed correctly with the Unicode 12.0.0 beta data (<http://unicode.org/versions/beta-12.0.0.html>). This means that there may be only minor (or no) problems to update Ruby to Unicode 12.0.0 after it's official publication (currently planned to happen on March 5).

**#8 - 03/05/2019 11:51 PM - duerst (Martin Dürst)**

- Assignee set to duerst (*Martin Dürst*)

**#9 - 03/06/2019 12:06 AM - duerst (Martin Dürst)**

Unicode Version 12.0.0 has officially been released. The announcement is at <http://blog.unicode.org/2019/03/announcing-unicode-standard-version-120.html>.

**#10 - 03/06/2019 03:25 AM - duerst (Martin Dürst)**

- Status changed from Open to Closed

This commit is also part of this issue: r67174

**#11 - 03/06/2019 07:15 AM - naruse (Yui NARUSE)**

- Related to Bug #15641: Backport update to Unicode Version 12.0.0 back to Ruby 2.6 branch added

**#12 - 03/11/2022 08:07 AM - duerst (Martin Dürst)**

- Related to Feature #17750: Update Unicode data to Unicode Version 13.0.0 added