Title: Response to feedback on UTS51
From: Mark Davis, Peter Edberg
Date: 2020 Jan 14

See: https://www.unicode.org/reports/tr51/tr51-17.html

Feedback on Public Review

http://www.unicode.org/review/pri405/feedback.html
(below the red line: **Feedback above this line was reviewed during UTC #161 in October, 2019.**)

Date/Time: Wed Nov 27 10:56:50 CST 2019
Name: Matthew W Morgan
Report Type: Other Question, Problem, or Feedback
Opt Subject: Emoji alt text
Hello,

When using emojis and screen readers on the Android operating system at least,
the new emojis have not been labeled. I have submitted this issue with Google,
but I believe on iPhone they are not labeled either. It's amusing, the new blind
person emoji is not labeled. Is this something that needs to be voted on before
it is implemented? If so during the next round of emoji releases, please include
the alternative text for the blind users when considering implementation.

Thank you,
Matthew Morgan

Recommended Response: The names and labels are supplied by CLDR, but it is up to vendors whether or not they use them. In addition, the particular device may need to be updated to the latest version of its operating system in order to see the new emoji or see the names for emoji.

Date/Time: Fri Nov 29 10:37:52 CST 2019
Name: Jamie Stroud
Report Type: Error Report
Opt Subject: report typo
https://unicode.org/reports/tr51/

"Implementation may support any of the following for display, editing, sor input:"

or input

good intentions, from:
jamie

Recommended Response: This is a valid defect report, and should be added to the list of items to fix.
Opt Subject: PRI #405: Inconsistencies in Emoji Data Files
In emoji-sequences.txt, character ranges for the Basic_Emoji property are

Date/Time: Fri Jan 3 07:33:53 CST 2020
Name: Charlotte Buff
Report Type: Public Review Issue

not labeled correctly. For example, the entire range 2648..2653 is given the description "Aries" even though it contains 12 different emoji.

In emoji-zwj-sequences.txt, the different variants of the new "mx. claus" emoji are not sorted correctly. The base version is in the category "Other", while the Fitzpatrick-type variants are placed among the hand-holding sequences in the category "Family".

Recommended Response: This is a valid defect report, and should be added to the list of items to fix.

Review Notes
https://www.unicode.org/reports/tr51/tr51-17.html

Review Note: the data files will also be changed to use the RGI_ prefix.

Recommended: drop review note, since RGI_ prefix is used for the entries.

Review Note: Consider adding the following text:

Recommended: push the review note to the next version; find the right section for "parsing emoji"

Review Note: Conceptually the EBNF would be even simpler by making the top-level element be an element / sequence.

Recommended: drop the text unless.

Review Note: The situation described above may change before this proposed update is released, so the above material may need further revision.

Recommended: Review the text to see if further changes are needed.

In previous paragraph:
OLD: for historical reasons many vendors have depicted these human-form emoji as a man or woman, so they have the same appearance as one of the sign format type ZWJ sequences. Currently, most vendors depict *detective* as *man detective* and *person getting haircut* as *woman getting haircut*, but some vendors depict *police officer* as *man police officer* while others depict it as *woman police officer*.

UPDATE
Have depicted → previously depicted
Currently, most vendors depict → Most vendors previously depicted
Depict → depicted

(**Review Note:** Some of the following links may not work until Unicode 13.0 is released)

Recommended: remove (2x)

Modifications

Revise the modification section for publication, removing obsolete items and clarifying others as necessary.

Additional notes

Per ESC discussion, the last sentence will be removed from section 1.4.7 Notation (and Modifications updated accordingly):

Lowercase character names for existing existing characters or sequences are CLDR short names, such as U+1F473 *person wearing turban*. ~~Lowercase names may also be illustrative names, such as for the sequence~~ ~~<U+1F399 U+20E0> *no microphones*.~~

Editorial

ED-5
Some **emoji component**s are **emoji character**s, and otherss (such as tag characters and **ZWJ**) are not.
→ fix "otherss"
→ extend bold to two plural 's'

1.4.9, fix style in table (review note -> changed)

1.5.2 Versioning
- Add column for "E2.0" abbreviation
- Add text about E0.x pseudo-versions, related to A.1 data files
- Add versions for 12.0 & 12.1 & 13.0

Move this from A up to 1.5.1, wordsmith in ed committee.

As of version 13.0, [reword] may use the convention Ex.x for the version of Unicode Emoji when the emoji character or sequence was first defined in associated data files, such as E5.0. There are three special values used for emoji characters before E1.0 :

E0.0	Emoji components that were defined before E1.0.
E0.6	Emoji characters deriving from Japanese carriers that were incorporated in Unicode 6.0
E0.7	Emoji characters deriving from the Wing/Webdings, which appeared in Unicode v7.0. Also includes those incorporated in ARIB that began to be treated as emoji in this time period.

2.3 revert status of breast-feeding emoji to gendered
(U+1F931   breast-feeding
BREAST-FEEDING)

2.6
For U+1F931 *breast-feeding* and gender/skin-tone variants, the infant ...
→ add: U+XXXXX person feeding with bottle

2.6.2 Multi-Person Skin Tones
In 12.1 ... further updated...

Change first two "13.0" to "12.1", last "13.0" to "12.0"

Look at rhetorical issue of "How should the new sequences be mapped to images?"

2.9 check wording "Where the base emoji image is not available"; perhaps "where the implementation does not provide…"
Also note there may be only a limited number of RGI sequences that use this mechanism. -> Most of these sequences are not RGI.

3 Which Characters are Emoji
Update link to point to 13.0 version

5 Ordering and Grouping
 Emoji Ordering link goes to 12.0, update, and put version in text explicitly

Annex A
Keep through The data file comments and their structure is purely informative, and may change across releases without notice.
Move up and reword the remainder.

Annex C
should be displayed using a *missing emoji glyph - add if feasible*
Discuss motivation: *then to minimize spoofing risk*

Check horizontal rule right before copyright