Emoji Subcommittee Report Q2 2017

To: UTC
From: Emoji Subcommittee
Date: 2017-05-05

Emoji-related documents and proposals for UTC Q2 2017, with comments from emoji subcommittee.

A. Draft UTS 51 Unicode Emoji
   1. Latest draft for review
   2. PRI #348 feedback
   3. ESC response to feedback, see Appendix below.
   4. L2/17-075 Appearance of unsupported emoji sequences
      ○ Already incorporated into UTS 51 draft
   5. Terminology for “recommended” (e.g. with respect to flag sequences). Discussion item.

B. Changes to emoji-related data, UAX #14 and #29, etc.
   1. L2/17-086 Add ZWJ, VS-16, Keycaps & Tags to Emoji_Component
      ○ ESC supports this.
   2. L2/17-074 Regularize Extended_Pictographic (from CLDR)

C. Proposals for new emoji and ZWJ sequences
   1. L2/17-058 Evil Eye Emoji Proposal (have had other proposals for this)
      ○ ESC support ranges from “no objection” to strong support. However, the feeling was that if encoded, the name should be NAZAR as in e.g. L2/15-315, Wikipedia article, etc.
   2. L2/17-082 Possible Emoji Representation for Natural Hair Colors, Features, and Styles
      ○ ESC supports doing this; implementers expressed strong preference for option #1.
   3. L2/17-100 Planet Emoji Sequences
      ○ ESC supports representing as ZWJ sequences. Consider for addition to emoji 6.0.
   4. L2/17-113 Science Emoji Proposal for Unicode v2
      ○ ESC supports encoding 10 characters:
         i. science-specific: lab coat, test tube instead of flask, microbe (or micro-organism), petri dish, DNA
         ii. general usage: compass, abacus, rock, fire extinguisher, goggles
      ○ As for other items in proposal, some may be considered for the future. Comments:
         i. Do not want PI, too much emotifying of regular letters.
         ii. For warming earth can just use two separate symbols, no need for a single one.
         iii. Rock hammer may be too close to existing hammer
         iv. Seismogram is just a wiggly line on a chart, could be EKG etc. For the future might consider encoding something like TIME-VARYING DATA or CHART WITH WIGGLY LINE which could then be used with other characters like toppling building, heart, brain, etc. to disambiguate.

D. Discussion items
   1. L2/17-071 Gender-Neutral Human-form Emoji
Appendix: ESC responses to PRI #348 feedback

1. Overington 2017 Mar 7
   ○ Wants tag sequence limit of 32 relaxed for TAG LATIN CAPITAL LETTERs
   ○ => No change. ESC wants a hard limit (helps with implementations), and sees no reason for this exception. The capitals are reserved for another purpose.

2. Anonymous 2017 Mar 3
   ○ => Editorial, already fixed in current UTS 51 draft

3. Päper 2017 Mar 17
   ○ Complete EBNF spec for all definitions
   ○ => Superseded, the current UTS 51 working draft now has a complete EBNF from the top to nodes, but not the same as this suggestion. (We want to define in terms of property values, not character lists)

4. Corbett 2017 Apr 5 #1
   ○ No 3-digit unicode_region_subtags currently valid in tag sequences
   ○ => No change. Syntactically we allow for future 3-digit codes for BCP47 stability mechanisms (in case ISO reuses codes). Current text allows for certain macroregions.

5. Corbett 2017 Apr 5 #2
   ○ Question about validity of ISO 3166-1 codes in tag sequences
   ○ -> Note that subdivision cannot be a two-letter code like "US".

6. cketti 2017 Apr 19
   ○ Errors in C.1.3 table row 3
   ○ => Editorial, should fix.

7. Ewell 2017 Apr 26
   ○ Oppose classification of certain tag sequences as “standard”.
   ○ => We need to review and decide on the terms. Separate action, see A.5 in the ESC report above.

8. Overington 2017 Apr 28
   ○ Re-iterates request to avoid 32-character limit in tag sequences.