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 emojifying 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.