

Subject: Advance tr51 to Draft UTS #51
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Link: [live link](#)

Because tr51 has associated data, and people need to be able to claim conformance to the user of that data, I suggest that we add the following conformance clauses to unicode.org/draft/reports/tr51/tr51.html, advance it to Draft UTS, change the version number to 8.0, and post.

These clauses are patterned after the conformance clauses in #39. ***They are draft, and would probably be refined based on feedback before tr51 is released.*** Also, we do not expect the data that these clauses are based on to be finalized in this meeting. Instead, it would be finalized in the May meeting.

All of these are constructed so as to *allow* people to claim conformance for a particular feature for a particular version, should they wish to do so. Of course, Unicode conformance does not require conformance to this specification.

1.4 Conformance

An implementation claiming conformance to this specification must do so in conformance to the following clauses:

C1 *An implementation claiming to identify particular Unicode characters as emoji characters shall do so according to the following:*

Level 1: *all and only those characters common set**

Level 2: *all and only those characters listed in field 0 of emoji-data.txt***

Note: The contents of Level 2 are expected to change between versions of this specification.

[Ed Note: We could also have a clause that allowed modification of a Level if the differences are documented: we do that for some other specs.]

C2 *An implementation claiming to implement the default emoji presentation in a specified environment shall display characters that do not have variation selectors according to the values in field 1 of emoji-data.txt:*

1. *Characters are given an emoji presentation if and only if they are listed in emoji-data.txt with a value of “emoji” in field 2.*
2. *All other characters are given a text presentation.*

C3 *An implementation claiming to fully support the emoji modifier characters shall:*

1. *specify which optional emoji modifier sequences it supports*
2. *display combined forms for all minimal emoji modifier sequences and all supported optional emoji modifier sequences*
3. *not display combined forms for isolated emoji modifiers*

Additional changes to support the above

1. Add an additional field that provides the level for each character in emoji_data.txt. Also, define **common_set** in Section 3, *Which characters are emoji*, to include the 722 Carrier characters + the Common Additions (perhaps minus certain extensions {trademark, copyright, registered, ...}). The goal of Level 1 is to match what is currently supported by most vendors.

2. Add an additional field to emoji-data.txt that identifies the minimal and optional sets, then add a paragraph to 2.2 Diversity ahead of the table Characters Subject to Emoji Modifiers, to make it clear that the definition of the sets is based on emoji-data.txt, and that the listed characters are meant to reflect that definition.
3. The resulting emoji-data.txt file would look like <http://unicode.org/draft/Public/emoji/1.0/emoji-data2.txt>