

Title: Recommendations from ESC for 2018, Part 2
From: Mark Davis, Peter Edberg, for the Emoji Subcommittee
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[L2/17-287](#)

Action Requested

The ESC requests that the UTC review the attached proposals for emoji sequences, and bring them to the attention of major vendors. Those with strong support can be brought to the October 2017 UTC meeting for inclusion in RGI for Emoji 6.0. The document also includes a list of proposals that are not recommended by the ESC for progression, at this time.

Disclaimer

This is a working document for UTC review, publicly visible in the interests of transparency. No proposal made in this working document has any status until a formal decision is taken by the UTC and minuted.

The following lists valid emoji ZWJ and TAG sequences proposed for consideration by the UTC members for inclusion in the [RGI](#) set. These ZWJ Sequences and TAG sequences don't have the same deadline for consideration as new emoji characters. While the new emoji characters can only appear once a year — with a long lead time — the ZWJ and TAG sequences can be added as [RGI](#) (see definition after ED-22) more frequently and with a shorter lead time. They are presented here for consideration by UTC members for UTC #153 in [2017Q4](#).

Inclusion here does not necessarily represent a recommendation for or against by the ESC or UTC. They are listed here to bring them to the attention of major vendors, for review in the next meeting. See #3.2 in [UTC Consideration](#) and [Process for Proposed Emoji Sequences](#).

At the end of the document are emoji proposals in the UTC document registry that were not progressed by the ESC or UTC. An initial version of this document was presented in UTC #152, and modified as per discussion.

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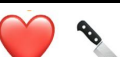








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ZWJ Sequences

The following are already valid as per [ED-16](#). They were proposed to the ESC for inclusion in set of [RGI](#).

Misc ZWJ Sequences

Nº	Images	Sequence	Proposed Name	Links	ESC comments
1		 1F61E + ZWJ + 1F494	sad face with broken heart	L2/17-244R	High expected frequency of use
2		 1F3F4 + ZWJ + 2620	pirate flag	Suggestion to ESC	Sample of flag suggestion that isn't covered by TAG sequences, but is representable via ZWJ sequences.
3		 2764 + ZWJ + 1F52A	heart with knife	L2/17-228	
4		 1F310 + ZWJ + 2642	Mars	L2/17-100	Proposal seen before; artwork improvement.
5		 1F310 + ZWJ + 2643	Jupiter	L2/17-100	Proposal seen before; artwork improvement. 𠄞 U+2643 JUPITER would need to be emoji or emoji_component
6		 1F310 + ZWJ + 2644	Saturn	L2/17-100	Proposal seen before; artwork improvement. 𠄚 U+2644 SATURN would need to be emoji or emoji_component
6		 1F9D1 + ZWJ + 1F451	person with crown	L2/17-232	Was proposed as character, but the UTC discussion suggested a ZWJ sequence instead, as being more general. Would result in 6 emoji images because of skin-tone modifiers.

Document [L2/17-232](#) also proposes the addition of the following 32 ZWJ sequences for additional gender variants, corresponding to existing ZWJ sequences. Images and code points were not included in the proposal, so the Sequences are represented by the character names. See also the previous [L2/17-071](#).

Note that with skin-tone modifiers, the following list would require the addition of $32 \times 6 = 192$ images.

Gender Object Sequences

Sequence	Proposed Name
ADULT + STAFF OF AESCULAPIUS	Health Worker
ADULT + SCALES	Judge
ADULT + AIRPLANE	Pilot
ADULT + EAR OF RICE	Farmer







ADULT + COOKING	Cook
ADULT + GRADUATION CAP	Student
ADULT + MICROPHONE	Singer
ADULT + ARTIST PALETTE	Artist
ADULT + SCHOOL	Teacher
ADULT + FACTORY	Factory Worker
ADULT + PERSONAL COMPUTER	Technologist
ADULT + BRIEFCASE	Office Worker
ADULT + WRENCH	Mechanic
ADULT + MICROSCOPE	Scientist
ADULT + ROCKET	Astronaut
ADULT + FIRE ENGINE	Firefighter



Gender Sign Sequences

Sequence	Proposed Name
MAN WITH GUA PI MAO + FEMALE SIGN	Woman with Chinese Cap
MAN WITH GUA PI MAO + MALE SIGN	Man with Chinese Cap
BRIDE WITH VEIL + FEMALE SIGN	Woman with Veil
BRIDE WITH VEIL + MALE SIGN	Man with Veil
MAN IN TUXEDO + FEMALE SIGN	Woman in Tuxedo
MAN IN TUXEDO + MALE SIGN	Man in Tuxedo
MAN IN BUSINESS SUIT LEVITATING + FEMALE SIGN	Woman in Suit Levitating
MAN IN BUSINESS SUIT LEVITATING + MALE SIGN	Man in Suit Levitating
PREGNANT WOMAN + FEMALE SIGN	Pregnant Woman
PREGNANT WOMAN + MALE SIGN	Pregnant Man
BREAST-FEEDING + FEMALE SIGN	Woman Breast-Feeding
BREAST-FEEDING + MALE SIGN	Man Breast-Feeding
PERSON WITH HEADSCARF + FEMALE SIGN	Woman with Headscarf
PERSON WITH HEADSCARF + MALE SIGN	Man with Headscarf
BEARDED PERSON + FEMALE SIGN	Bearded Woman
BEARDED PERSON + MALE SIGN	Bearded Man

Tag Sequences

The following are already valid as per [ED-14a](#) and Annex C. [Valid Emoji Tag Sequences](#). They were proposed to the ESC for inclusion in set of [RGI](#).









Nº	Sequence	Proposed Name	Links	ESC comments
1	 usCa  , etc.	US state flags	Proposal to ESC	
2	 esct 	Catalan	Proposal to ESC	
3	 frbre 	Bretagne	Proposal to ESC	

4	 espy ♦	Basque	Proposal to ESC	
5	 gbnir ♦	Northern Ireland	Proposal to ESC	No official flag.

There are other flag proposals that are not yet ready for consideration by the UTC, because they cannot be represented by TAG sequences, and have no proposed ZWJ sequences in their proposals. The ESC needs more time to develop a strategy for assessing expected frequency of usage and prioritizing them.

New emoji character proposals: not progressed


The following proposals for new characters were proposed to the ESC, and forwarded to the UTC as being well-formed and thus entered in the UTC document registry. They were not prioritized for support by the ESC at this time.

No	Image	Proposed Name	Links	ESC comments
1		clasping hands (bro shake)	L2/17-275	There is an existing problem for skin tone representation of multi-person emoji; the discussion in UTS #51 about multi-person groupings will be expanded to cover cases like this. The ESC needs to find a better solution.
2		period	L2/17-216	prefer encoding a separate character for blood drop; would be more general usage, and could be used in sequences.
3		oyster with pearl	L2/17-269	considered lower priority than recommended food items; trying to capture too much (jewelry + food)
4		needle and thread	L2/17-249	redundant, hard to recognize
5		coin	L2/17-229	redundant given other money symbols
6		person with crown	L2/17-232	UTC suggested ZWJ sequence instead (see above)
7		person with Christmas hat	L2/17-232	Insufficient evidence of potential usage. UTC suggested considering ZWJ sequences instead, possibly with new object character. Would result in 6 emoji images because of skin-tone modifiers.
8		person dancing	L2/17-232	Insufficient evidence of potential usage. UTC suggested considering ZWJ sequences instead, possibly with new object character. Would result in 6 emoji images because of skin-tone modifiers.


There are other proposals that were received by the ESC, but are not yet ready for consideration by the UTC, because either they are not well-formed, or they are each part of a larger sets of characters that needs further analysis and prioritization.

Other emoji proposals

The following proposal for “emojification” of a pre-existing character was not prioritized for support by the ESC at this time.

No	Image	Proposed Name	Links	ESC comments
1		ringing bell	L2/17-240	proposal to emojiify existing character: low priority, vendors already have the flexibility to show existing emoji bell in the desired way

One character originally proposed as emoji is considered more appropriate for encoding as a non-emoji symbol by the ESC. As a result, it would go through the normal process for deciding whether to encode a symbol.

No	Image	Proposed Name	Links	ESC comments
1		nine-pointed star	L2/17-237	Used for Baha'i, but also adds to the set of stars, for which Unicode has 3, 4, 5, 6, 8, and 12 point stars. Needs proposal in that form, presenting case for white (hollow) or black (filled) form, and comparing to existing stars.