

Action Requested

The ESC requests that the UTC review the attached recommendations for characters to advance to Draft Candidate status decide on which characters to advance to Draft Committee Status.

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 Emoji Subcommittee is recommending the enclosed attached list of 67 emoji characters as **Draft Candidates** for encoding in Unicode 11.0, for release in June, 2018. The list of **Final Candidates** will be decided at the 2017Q4 UTC meeting. Final code points and names would be decided at the 2018Q1 UTC meeting.

A number of submissions were sent to the committee. Many of these were not [well-formed proposals](#). In those cases, the authors were informed about the problems in their proposal forms. Some of the authors subsequently followed up with revisions that addressed their problems.



The well-formed proposals fall into a few groups:




- Many were forwarded on to the UTC. This does not mean that they were recommended for encoding by the ESC, just that they were sufficiently well-formed to bring to the committee's attention.
- Some were requests for making sequences be RGI. Those are listed in [L2/17-287](#) to bring them to the attention of major vendors, to see if there is sufficient support for adding them. They do not as yet require attention from the UTC.
- Some are still being processed in the ESC, typically because they were part of a larger related group of emoji that needed further investigation and prioritization. That is especially important for requests for characters that are historically not very popular, such as flags.


There are limitations on the number of emoji encoded each year. Of the proposals that are not listed as recommended, some still could be recommended for a future version of Unicode, possibly with some revisions.







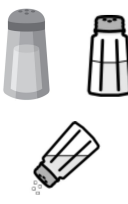







Characters proposed for Unicode 11.0

67 characters are proposed for encoding as emoji in Unicode 11.0. Not all of the black&white images are present yet.



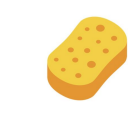
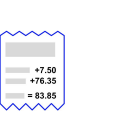

No	Images	Provisional Code point	Provisional Unicode name	Links	ESC comments
			Faces:		
1		1F970	SMILING FACE WITH SMILING EYES AND THREE HEARTS	L2/17-244R	CLDR Annotations: In love, loved
2		1F971	SMILING FACE WITH CAPE	L2/17-244R	CLDR Annotations: hero, heroine. Pair with smiling face with cape. Also see hero in old L2/14-174

3		1F972	SERIOUS FACE WITH EYE MASK AND CAPE	L2/17-244R	CLDR Annotations: villain, bandit. Pair with serious face with eye mask and cape. Also see thief in old L2/14-174
4		1F973	FACE WITH SMILING EYES AND PARTY HORN AND PARTY HAT	L2/17-244R	
5		1F974	FACE WITH UNEVEN EYES AND WAVY MOUTH	L2/17-244R	CLDR Annotations: inebriated
6		1F975	RED FACE WITH TONGUE STICKING OUT WITH BEAD OF SWEAT	L2/17-244R	CLDR Annotations: hot, overheated
7		1F976	BLUE FACE WITH CLENCHED TEETH AND ICICLES	L2/17-244R	CLDR Annotations: cold, freezing
8		1F977	FROWNING FACE WITH QUESTION MARKS AS EYES	L2/17-244R	CLDR Annotations: lost, confused
9		1F978	GRINNING FACE WITH LETTERS OK AS EYES	L2/17-244R	
10		1F979	FROWNING PILE OF POO	L2/17-244R	
11		1F97A	FACE WITH GLISTERING EYES	L2/17-244R	CLDR Annotations: puppy eyes; begging; sorry
			Body		
1		1F9B0	TOP OF HEAD WITH RED HAIR	L2/17-082 , X01703	For use in ZWJ seqs, see L2/17-283 . Recommended to have Emoji_Component property.
2		1F9B1	TOP OF HEAD WITH CURLY HAIR	L2/17-082 , X01704	For use in ZWJ seqs, see L2/17-283 . Recommended to have Emoji_Component property.
3		1F9B2	TOP OF HEAD WITH NO HAIR	L2/17-082 , X01705	For use in ZWJ seqs, see L2/17-283 . Recommended to have Emoji_Component property.
4		1F9B3	TOP OF HEAD WITH WHITE HAIR	L2/17-082 , X01706	For use in ZWJ seqs, see L2/17-283 . Recommended to have Emoji_Component property.
5		1F9B4	BONE	L2/17-259 , L2/17-246	

6		1F9B5	LEG	L2/17-259 , and in old L2/14-174	
7		1F9B6	FOOT	L2/17-259	
8		1F9B7	TOOTH	L2/17-259	
			Clothing		
1		1F97C	LAB COAT	L2/17-113 , X01708	
2		1F97D	GOGGLES	L2/17-113 , X0171A	
3		1F97E	HIKING BOOT	L2/17-271	CLDR Annotation: hiking
4		1F97F	WOMANS FLAT SHOE	L2/17-274	
			Animals		
1		1F998	KANGAROO	L2/17-264	
2		1F999	LLAMA	L2/17-266	CLDR Annotation: alpaca
3		1F99A	PEACOCK	L2/17-270	
4		1F99B	HIPPOPOTAMUS	L2/17-263	
5		1F99C	PARROT	L2/17-280 , L2/17-281	
6		1F99D	RACCOON	L2/17-278	
7		1F99E	LOBSTER	L2/17-267 , L2/17-217 , and in old L2/14-174	
8		1F99F	MOSQUITO	L2/17-268	

9		1F9A0	MICROBE	L2/17-113 , X0170A	
			Foods		
1		1F96C	LEAFY GREEN	L2/17-265	
2		1F96D	MANGO	L2/17-203 , L2/17-211	
3		1F96E	MOON CAKE	L2/17-024 , X01702	
4		1F96F	SLICED BAGEL	L2/17-261 , also prev. submission to ESC	show sliced to differentiate from doughnut
5		1F9C1	CUPCAKE	L2/17-262 , and in old L2/14-174	
6		1F9C2	SALT SHAKER	L2/17-272 , L2/16-191	Consider as condiment shaker?
			Activities		
1		1F9E7	RED ENVELOPE	L2/17-023 , X01700	
2		1F9E8	FIRECRACKER	L2/17-025 , X01701	
3		1F94D	LACROSSE STICK AND BALL	L2/17-277 , L2/16-382	
4		1F94E	SOFTBALL	L2/17-277 , L2/17-184	
5		1F6F9	SKATEBOARD	L2/17-277 , L2/16-378	
6		1F94F	FLYING DISC	L2/17-277 , L2/17-257	
7		1F9E9	JIGSAW PUZZLE PIECE	L2/17-198	
			Objects		

1		1F9EA	TEST TUBE	L2/17-113, X01709	Replaces flask in proposal
2		1F9EB	PETRI DISH	L2/17-113, X0170B	
3		1F9EC	DNA DOUBLE HELIX	L2/17-113, X0170C	
4		1F9ED	COMPASS	L2/17-113, X0170D	CLDR Annotation: magnetic
5		1F9EE	ABACUS	L2/17-113, X0170E	
6		1F9EF	FIRE EXTINGUISHER	L2/17-113, X0170F	
7		1F9F0	TOOLBOX	L2/17-202	CLDR Annotation: tool chest
8		1F9F1	BRICK WALL	L2/17-172	Brick wall instead of brick as in proposal
9		1F9F2	MAGNET	L2/17-185	CLDR Annotation: horseshoe
10		1F9F3	LUGGAGE	L2/17-205	
11		1F9F4	SQUEEZE BOTTLE	L2/17-212	
12		1F9F5	SPOOL OF THREAD	L2/17-249	
13		1F9F6	BALL OF YARN	L2/17-249	
14		1F9F7	SAFETY PIN	L2/17-249	
15		1F9F8	TEDDY BEAR	L2/17-273	
16		1F9F9	BROOM	L2/17-260	
17		1F9FA	BASKET	L2/17-260	

18		1F9FB	ROLL OF TOILET PAPER	L2/17-260	
19		1F9FC	BAR OF SOAP	L2/17-260	Could add more lather or a dish
20		1F9FD	SPONGE	L2/17-260	
21		1F9FE	RECEIPT	L2/17-208	
22		1F9FF	NAZAR	L2/17-058	Annotation: evil-eye amulet

**ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646¹**

Please fill all the sections A, B and C below.

Please read Principles and Procedures Document (P & P) from <http://std.dkuug.dk/JTC1/SC2/WG2/docs/principles.html> for guidelines and details before filling this form.

Please ensure you are using the latest Form from <http://std.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html>.

See also <http://std.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html> for latest Roadmaps.

A. Administrative

1. **Title:** Recommendations from ESC for 2018, Part 1 (L2/17-284)
2. Requester's name: Unicode Technical Committee
3. Requester type (Member body/Liaison/Individual contribution): Liaison
4. Submission date: August 31, 2017
5. Requester's reference (if applicable): This form is to be attached to document L2/17-284
6. Choose one of the following:

This is a complete proposal:	Y
(or) More information will be provided later:	

B. Technical – General

1. Choose one of the following:
 - a. This proposal is for a new script (set of characters):

Proposed name of script:	
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 - b. The proposal is for addition of character(s) to an existing block:

Name of the existing block:	Y
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2. Number of characters in proposal: 67
3. Proposed category (select one from below - see section 2.2 of P&P document):

A-Contemporary	Y	B.1-Specialized (small collection)		B.2-Specialized (large collection)	
C-Major extinct		D-Attested extinct		E-Minor extinct	
F-Archaic Hieroglyphic or Ideographic		G-Obscure or questionable usage symbols			
4. Is a repertoire including character names provided?

a. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?	Yes
b. Are the character shapes attached in a legible form suitable for review?	Yes
5. Fonts related:
 - a. Who will provide the appropriate computerized font to the Project Editor of 10646 for publishing the standard?

UTC Emoji Subcommittee	
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 - b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.):

Unicode, Inc. / Adobe	
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6. References:
 - a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided? Yes
 - b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached? No. See UTC background documents as listed.
7. Special encoding issues:

Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?	No
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Specific data processing will be covered in data files and UTS #51.

8. Additional Information:

Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at <http://www.unicode.org> for such information on other scripts. Also see Unicode Character Database (<http://www.unicode.org/reports/tr44/>) and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

¹ Form number: N4502-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09, 2003-11, 2005-01, 2005-09, 2005-10, 2007-03, 2008-05, 2009-11, 2011-03, 2012-01)

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before?	No
If YES explain	
2. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)?	Yes
If YES, with whom?	
User communities contacted by submitters	
If YES, available relevant documents:	
See the referenced UTC documents for background.	
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included?	Yes
Reference:	
See UTC background documents.	
4. The context of use for the proposed characters (type of use; common or rare)	Common
Reference:	
For general use in mobile devices as emoji.	
5. Are the proposed characters in current use by the user community?	
If YES, where? Reference:	
Not specifically. See UTC background documents.	
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP?	No
If YES, is a rationale provided?	
If YES, reference:	
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?	Yes
8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?	No
If YES, is a rationale for its inclusion provided?	
If YES, reference:	
9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters?	No
If YES, is a rationale for its inclusion provided?	
If YES, reference:	
10. Can any of the proposed character(s) be considered to be similar (in appearance or function) to, or could be confused with, an existing character?	No
If YES, is a rationale for its inclusion provided?	
If YES, reference:	
11. Does the proposal include use of combining characters and/or use of composite sequences?	No
If YES, is a rationale for such use provided?	
If YES, reference:	
Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?	
N/A	
If YES, reference:	
12. Does the proposal contain characters with any special properties such as control function or similar semantics?	No
If YES, describe in detail (include attachment if necessary)	
13. Does the proposal contain any Ideographic compatibility characters?	No
If YES, are the equivalent corresponding unified ideographic characters identified?	
If YES, reference:	