

## Emoji Faces Proposal for Unicode v10



**To:** UTC  
**From:** Tayfun Karadeniz (tayfun@EmojiXpress.com), and the Emoji subcommittee  
**Updated:** 10-31-2016  
**Version:** 9  
**Also see:** [L2/16-314](#) - Emoji Faces Proposal for Unicode v10 - Supporting Data

### Introduction

The Emoji subcommittee (ESC) has received a number of proposals for Emoji faces. As part of the ESC's effort to combine related proposals into larger sets / proposals, a list of over 400 popular Emoji faces from Facebook, Skype, EmojiXpress, WeChat and QQ was reviewed.

This initial large list was compared to currently encoded Unicode Emoji characters to remove those that were similar or equivalent to existing Unicode Emoji. The remaining Emoji faces were prioritized based on usage / popularity data provided by Facebook, Skype, and EmojiXpress. WeChat and QQ Emoji faces were not proposed due to lack of data.























































### Emoji Faces Proposed for Encoding

Based on the vendor data mentioned above and presented later in this proposal, the ESC is proposing **36** Emoji Faces for encoding.

Table 1. "Emoji Faces Proposed for Encoding" (next page) shows the proposed Emoji Faces prioritized based on ranking data. These were selected by comparing and combining the top 15 Emojis of each vendor. This table also shows encoded Emojis that are the most similar to the proposed characters ("Closest Unicode Emoji") and potential ZWJ sequences that could be used for the proposed characters ("ZWJ").

Aside from the data provided here and considering the fact that Emoji Faces are the most popular Emojis in general (see [emojitracker.com](#) / [emojistats.org](#)) we expect these Emoji faces to be very popular.

**Table 1. “Emoji Faces Proposed for Encoding”**

Rank	Vendor Ranking	Chart / Glyph	Face-book (FB)	Skype (SK)	Emoji Request (ER)	Closest Unicode Emojis	Poss. ZWJ	Proposed Name	Annotations / Keywords
1	FB #1 SK #1 ER #2							smiling face with smiling eyes and three hearts	in love, loved, lovely
2	ER #1							face with with finger covering closed lips	hush, shhh, quiet
3	FB #2 ER #29							grinning face with star eyes	excited, special, amazing, perfect
4	SK #2							smiling face with hand raised	waving, hi, hello
5	FB #3 ER #25							grinning face with crazy eyes	crazy, awake
6	SK #3							smiling face with hand putting on makeup	putting on makeup, pretty, makeup
7	ER #3 SK#16							serious face with symbols covering mouth	swearing, cuss, curse
8	FB #4 ER #12							frowning face with lowered eyebrows	annoyed, aggravated
9	SK #4							smiling face with smiling eyes and hand covering mouth	giggle, laugh, chuckle
10	ER #4							shocked face with exploding head (or encode "mushroom cloud" and use ZWJ)	exploding head, blown mind, blown away
11	FB #5 ER #33							smiling face with smiling eyes and four stars	fantastic, energized, amazed, delighted
12	FB #35 SK #5 ER #46							face with eyebrows lowered and mouth angled to the side	unamused, bored, impatient

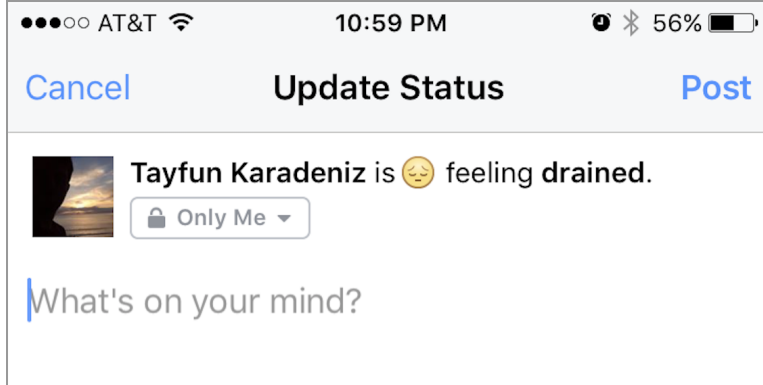
Rank	Vendor Ranking	Chart / Glyph	Face-book (FB)	Skype (SK)	Emoji Request (ER)	Closest Unicode Emojis	Poss. ZWJ	Proposed Name	Annotations / Keywords
13	ER # 5 SK #9							face with open mouth vomiting	vomiting, disgusted, gross
14	FB #6							smiling face with lowered eyebrows	grateful, thankful
15	SK #6 ER #8							face with smiling eyes and a party hat (or encode "party hat" and use ZWJ)	party, fun
16	ER #6 FB #11							face with tongue out and utensils	hungry, starving, famished
17	FB #7 SK #7 ER #61							face with eyebrows lowered and closed mouth	suspicious, wondering, thinking
18	ER #7							smiling face with hand snapping and lightbulb	inventive, idea, lightbulb
19	FB #8 ER #60							face with pained eyes and teeth clenched	pained, hurt, ouch, sore
20	SK #8 ER #20							face with hand covering face	facepalm
21	FB #9 ER #27							sad face with lip pursed	emotional
22	ER #9							face biting lip	biting lip, nervous
23	FB #10 ER #58							frowning face with question marks as eyes	lost, confused
24	SK #10							face whistling (or encode "whistle hand" and use ZWJ)	whistle
25	ER #10 FB #12							grinning face with letters ok as eyes	ok

Rank	Vendor Ranking	Chart / Glyph	Face-book (FB)	Skype (SK)	Emoji Request (ER)	Closest Unicode Emojis	Poss. ZWJ	Proposed Name	Annotations / Keywords
26	SK #11							face banging against wall	headbang, smash, aggravated, banging head against wall
27	ER #11							face with sideways eyes and tongue hanging out	crazy, insane, playful
28	SK #12 FB #30 ER #71							angry face green with envy (or if we add color swatches use ZWJ angry face + green)	envy, envious
29	FB #13 ER #24							happy face with lightbulb	inspired, idea, lightbulb
30	SK #13 FB #38 ER #57							face with monocle (or encode monocle and use ZWJ)	movember, monocle, eyepiece
31	ER #13 FB #15							confused face with question mark	perplexed, confused, stumped
32	FB #14 ER #19							sad face with broken heart	heartbroken, upset, hurt
35	SK #14 ER #49							smiling face with raised hand	high five
33	ER #14							expressionless face with bruises and bandage	injured, hurt, ouch, sore
34	ER #15							expressionless face with eyes half open	disappointed
36	SK #15 ER #72							expressionless face half covered by hair	emo, emotional, hip

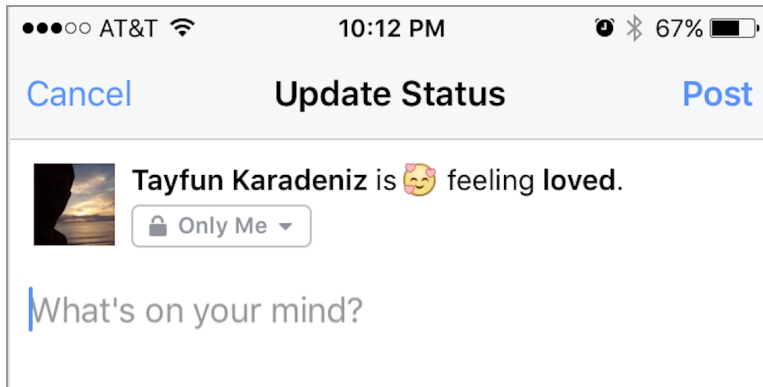
## Facebook Data

Facebook allows users to add “activity / feelings” with Emoji style in-line stickers as part of the title text of wall posts. Some of these stickers have Unicode equivalents while others don't.

**Example 1:** “feeling drained” - similar to [1F614](#) - Pensive Face


















**Example 2:** “feeling loved” - does not have a Unicode Emoji equivalent



A comparison of all Facebook “activity / feelings” stickers with Unicode Emoji shows that 49 do not have Unicode Emoji equivalents based on image and/or name distinctiveness.

The following table (Table 2. “Facebook Stickers Ranking”, next page), shows the top 15 Facebook stickers used for the characters proposed for encoding in order of importance / usage as provided by Facebook. (See complete table in [L2/16-314](#) - “Emoji Faces Proposal for Unicode v10 - Supporting Data”).

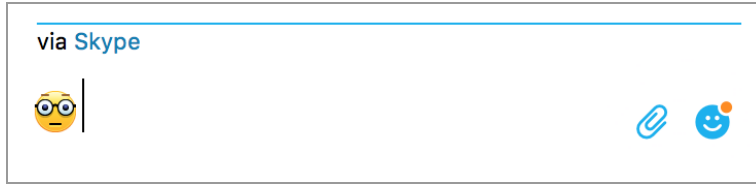
**Table 2. “Facebook Stickers Ranking” - Top 15**

Rank	Image	Proposed Name	Rank	Image	Proposed Name
1		in love face	2		excited face
3		crazy face	4		annoyed face
5		delighted face	6		grateful face
7		suspicious face	8		pained face
9		emotional face	10		lost face
11		hungry face	12		ok face
13		inspired face	14		heartbroken face
15		perplexed face			

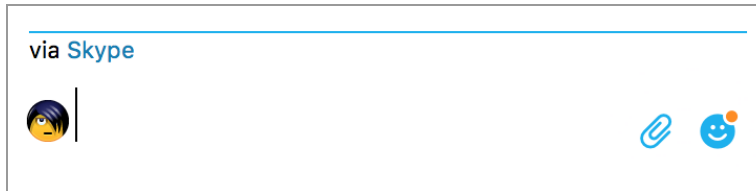
## Skype Data

Skype allows users to send Emoji style stickers as part of Skype conversations. Some of these stickers have Unicode equivalents while others don't.

**Example 1:** “Nerdy” - similar to [1F913](#) - Nerd Face



**Example 2:** “Emo” - does not have a Unicode Emoji equivalent



A comparison of all Skype stickers with Unicode Emoji shows that 38 do not have Unicode Emoji equivalents based on image and/or name distinctiveness.

The following table (Table 3. “Skype Stickers Ranking”), shows the top 15 Skype stickers used for the characters proposed for encoding in order of importance / usage as provided by Skype. (See complete table in [L2/16-314](#) - “Emoji Faces Proposal for Unicode v10 - Supporting Data”).

**Table 3. “Skype Stickers Ranking” - Top 15**

Rank	Image	Proposed Name	Rank	Image	Proposed Name
1		in love	2		waving
3		putting on makeup	4		giggle
5		unamused	6		party
7		wondering	8		facepalm








9		vomiting	10		whistle
11		banging head against wall	12		envy
13		movember	14		high five
15		emo			

## EmojiXpress Data








EmojiXpress provides a worldwide platform for requesting Emojis ([EmojiRequest.com](http://EmojiRequest.com)). Users are required to log in through Facebook to request Emojis and can request each Emoji only once. Over 1 million user requests were ranked based on daily average requests.

The following table (Table 4. “EmojiRequest Faces Ranking”), shows the top 15 requested Emojis used for the characters proposed for encoding in order of most requested as provided by EmojiXpress. (See complete table in [L2/16-314](#) - “Emoji Faces Proposal for Unicode v10 - Supporting Data”).

**Table 4. “EmojiRequest Faces Ranking” - Top 15**

Rank	Image	Proposed Name	Rank	Image	Proposed Name
1		hush face	2		in love emoji red face
3		swearing face	4		exploding head face
5		vomiting face	6		hungry face
7		inventive face	8		party face



9		biting lip face	10		ok face
11		insane face	12		annoyed face
13		perplexed face	14		injured face
15		disappointed face			

## Emoji Faces Related Proposals Received by the ESC





The following Emoji Faces related proposals were received and assessed by the ESC:

- Health Emoji Characters - Narayana Health - 10/3/2016
- Perplexed / Crazy Face - David Dongkyung Kim - 9/25/2016
- Impressed Face - Maximilian Merz - 5/10/2016
- Freezing Face - Cody Baker - 3/3/2016

## Comparison of Unicode Faces and other Popular Emoji Faces

The following table (Table 5. “Comparison of Unicode Faces and other Popular Emoji Faces”), shows the first 15 rows of the comparison of 400+ popular vendor Emojis with [existing Unicode Emoji characters](#). These have been ordered according to image and name similarity to more easily review and determine the distinctiveness of the proposed characters. (See complete table in [L2/16-314](#) - “Emoji Faces Proposal for Unicode v10 - Supporting Data”).

**Table 5. “Comparison of Unicode Faces and other Popular Emoji Faces”**

Code	Chart / Glyph	Facebook (FB)	Skype (SK)	Emoji Request (ER)	WeChat	QQ	Potential ZWJ Sequence	Unicode / Suggested Name
1F603								smiling face with open mouth
1F600								grinning face

1F604								smiling face with open mouth and smiling eyes
Missing								fingers crossed face
Missing								smiling face with hand raised
Missing								selfie face
1F606								smiling face with open mouth and tightly-closed eyes
Missing								chuckle face giggle face
1F605								smiling face with open mouth and cold sweat
Missing								smiling face with raised hand
1F602								face with tears of joy
1F923								rolling on the floor laughing
1F601								grinning face with smiling eyes
Missing								braces face
1F62C								grimacing face

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