

Date: Nov. 3, 2011
 To: Unicode Technical Committee
 Subject: Emoji Variation Sequences L1st
 From: Peter Edberg







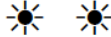





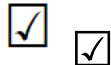



Many emoji in the core emoji set are represented by (unified with) pre-6.0 Unicode characters or sequences, whose range of presentations may include:



- A traditional black & white text style
- An emoji style, whose presentation often involves color/grayscale and/or animation

For 107 of these unified emoji (represented by 96 single characters and 11 sequences), the table below proposes a pair of variation sequences for addition to StandardizedVariants.txt. One sequence of the pair uses U+FE0E (VS15) to request that the range of presentations be restricted to a “text” style, the other uses U+FE0F (VS16) to request that the range of presentations be restricted to an “emoji” style.

In the absence of any such variation selector associated with these characters or sequences, a display system may choose a glyph based on other context information, or may always prefer one style. Many display systems will not have an emoji-style glyph associated with all of these characters and sequences, and may thus display a text-style glyph even when presented with a variation sequence requesting an emoji-style glyph.

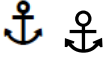

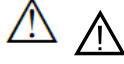





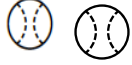
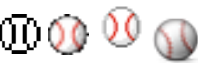




Unicode character	Variation selectors for use after the character	Sample glyphs
2139;INFORMATION SOURCE	FE0E; text style;	i i i
	FE0F; emoji style;	i
203C;DOUBLE EXCLAMATION MARK	FE0E; text style;	!! !! !!
	FE0F; emoji style;	!! !!
2049;EXCLAMATION QUESTION MARK	FE0E; text style;	! ? ! ? ! ?
	FE0F; emoji style;	! ? ! ?






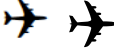
231A;WATCH	FE0E; text style;	
	FE0F; emoji style;	
231B;HOURLASS	FE0E; text style;	
	FE0F; emoji style;	
24C2;CIRCLED LATIN CAPITAL LETTER M	FE0E; text style;	
	FE0F; emoji style;	
2600;BLACK SUN WITH RAYS	FE0E; text style;	
	FE0F; emoji style;	
2601;CLOUD	FE0E; text style;	
	FE0F; emoji style;	
260E;BLACK TELEPHONE	FE0E; text style;	
	FE0F; emoji style;	
2611;BALLOT BOX WITH CHECK	FE0E; text style;	
	FE0F; emoji style;	
2614;UMBRELLA WITH RAIN DROPS	FE0E; text style;	
	FE0F; emoji style;	



































2615;HOT BEVERAGE	FE0E; text style;	
	FE0F; emoji style;	
261D;WHITE UP POINTING INDEX	FE0E; text style;	
	FE0F; emoji style;	
263A;WHITE SMILING FACE	FE0E; text style;	
	FE0F; emoji style;	
2648;ARIES = ram	FE0E; text style;	
	FE0F; emoji style;	
2649;TAURUS = bull	FE0E; text style;	
	FE0F; emoji style;	
264A;GEMINI = twins	FE0E; text style;	
	FE0F; emoji style;	
264B;CANCER = crab	FE0E; text style;	
	FE0F; emoji style;	



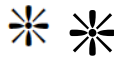
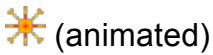












264C;LEO = lion	FE0E; text style;	♌ ♌
	FE0F; emoji style;	♌ 🦁 ♌ ♌
264D;VIRGO = virgin maiden	FE0E; text style;	♍ ♍
	FE0F; emoji style;	♍ 🍷 ♍ ♍
264E;LIBRA = scales	FE0E; text style;	♎ ♎
	FE0F; emoji style;	♎ 🏴‍☠️ ♎ ♎
264F;SCORPIUS = scorpion	FE0E; text style;	♏ ♏
	FE0F; emoji style;	♏ 🦂 ♏ ♏
2650;SAGITTARIUS = archer	FE0E; text style;	♐ ♐
	FE0F; emoji style;	♐ 🏹 ♐ ♐
2651;CAPRICORN = goat	FE0E; text style;	♑ ♑
	FE0F; emoji style;	♑ 🐐 ♑ ♑
2652;AQUARIUS = water carrier	FE0E; text style;	♒ ♒
	FE0F; emoji style;	♒ 🌊 ♒ ♒
2653;PISCES = fish	FE0E; text style;	♓ ♓
	FE0F; emoji style;	♓ 🐟 ♓ ♓









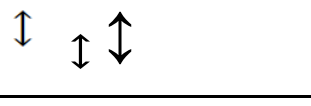

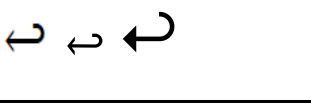

2660;BLACK SPADE SUIT	FE0E; text style;	♠ ♠ ♠
	FE0F; emoji style;	♠️ ♠️ ♠️ ♠️
2663;BLACK CLUB SUIT	FE0E; text style;	♣ ♣ ♣
	FE0F; emoji style;	♣️ ♣️ ♣️ ♣️
2665;BLACK HEART SUIT	FE0E; text style;	♥ ♥ ♥
	FE0F; emoji style;	♥️ ♥️ ♥️ ♥️
2666;BLACK DIAMOND SUIT	FE0E; text style;	♦ ♦ ♦
	FE0F; emoji style;	♦️ ♦️ ♦️ ♦️
2668;HOT SPRINGS	FE0E; text style;	♨ ♨ ♨
	FE0F; emoji style;	♨️ ♨️ ♨️ ♨️
267B;BLACK UNIVERSAL RECYCLING SYMBOL	FE0E; text style;	♻ ♻ ♻
	FE0F; emoji style;	♻️ ♻️
267F;WHEELCHAIR SYMBOL	FE0E; text style;	♿ ♿
	FE0F; emoji style;	♿️ ♿️ ♿️ ♿️



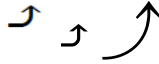













2693;ANCHOR	FE0E; text style;	
	FE0F; emoji style;	
26A0;WARNING SIGN	FE0E; text style;	
	FE0F; emoji style;	
26A1;HIGH VOLTAGE SIGN	FE0E; text style;	
	FE0F; emoji style;	
26BD;SOCCER BALL	FE0E; text style;	
	FE0F; emoji style;	
26BE;BASEBALL	FE0E; text style;	
	FE0F; emoji style;	
26C4;SNOWMAN WITHOUT SNOW	FE0E; text style;	
	FE0F; emoji style;	
26C5;SUN BEHIND CLOUD	FE0E; text style;	
	FE0F; emoji style;	
26D4;NO ENTRY	FE0E; text style;	
	FE0F; emoji style;	















26EA;CHURCH	FE0E; text style;	
	FE0F; emoji style;	
26F2;FOUNTAIN	FE0E; text style;	
	FE0F; emoji style;	
26F3;FLAG IN HOLE =golf	FE0E; text style;	
	FE0F; emoji style;	
26F5;SAILBOAT	FE0E; text style;	
	FE0F; emoji style;	
26FA;TENT	FE0E; text style;	
	FE0F; emoji style;	
26FD;FUEL PUMP = gas station	FE0E; text style;	
	FE0F; emoji style;	
2702;BLACK SCISSORS	FE0E; text style;	
	FE0F; emoji style;	
2708;AIRPLANE	FE0E; text style;	
	FE0F; emoji style;	

2709;ENVELOPE	FE0E; text style;	 
	FE0F; emoji style;	 
270C;VICTORY HAND	FE0E; text style;	 
	FE0F; emoji style;	   
270F;PENCIL	FE0E; text style;	 
	FE0F; emoji style;	 
2712;BLACK NIB	FE0E; text style;	 
	FE0F; emoji style;	 
2714;HEAVY CHECK MARK	FE0E; text style;	 
	FE0F; emoji style;	
2716;HEAVY MULTIPLICATION X	FE0E; text style;	 
	FE0F; emoji style;	
2733;EIGHT SPOKED ASTERISK	FE0E; text style;	 
	FE0F; emoji style;	  
2734;EIGHT POINTED BLACK STAR	FE0E; text style;	 
	FE0F; emoji style;	  

2744;SNOWFLAKE	FE0E; text style;	
	FE0F; emoji style;	
2747;SPARKLE	FE0E; text style;	
	FE0F; emoji style;	
2757;HEAVY EXCLAMATION MARK SYMBOL	FE0E; text style;	
	FE0F; emoji style;	
2764;HEAVY BLACK HEART	FE0E; text style;	
	FE0F; emoji style;	
27A1;BLACK RIGHTWARDS ARROW	FE0E; text style;	
	FE0F; emoji style;	
2B05;LEFTWARDS BLACK ARROW	FE0E; text style;	
	FE0F; emoji style;	
2B06;UPWARDS BLACK ARROW	FE0E; text style;	
	FE0F; emoji style;	
2B07;DOWNWARDS BLACK ARROW	FE0E; text style;	
	FE0F; emoji style;	






2196;NORTH WEST ARROW	FE0E; text style;	
	FE0F; emoji style;	
2197;NORTH EAST ARROW	FE0E; text style;	
	FE0F; emoji style;	
2198;SOUTH EAST ARROW	FE0E; text style;	
	FE0F; emoji style;	
2199;SOUTH WEST ARROW	FE0E; text style;	
	FE0F; emoji style;	
2194;LEFT RIGHT ARROW	FE0E; text style;	
	FE0F; emoji style;	
2195;UP DOWN ARROW	FE0E; text style;	
	FE0F; emoji style;	
21A9;LEFTWARDS ARROW WITH HOOK	FE0E; text style;	
	FE0F; emoji style;	

21AA;RIGHTWARDS ARROW WITH HOOK	FE0E; text style;	
	FE0F; emoji style;	
2934;ARROW POINTING RIGHTWARDS THEN CURVING UPWARDS	FE0E; text style;	
	FE0F; emoji style;	
2935;ARROW POINTING RIGHTWARDS THEN CURVING DOWNWARDS	FE0E; text style;	
	FE0F; emoji style;	
25AA;BLACK SMALL SQUARE	FE0E; text style;	
	FE0F; emoji style;	
25AB;WHITE SMALL SQUARE	FE0E; text style;	
	FE0F; emoji style;	
25B6;BLACK RIGHT-POINTING TRIANGLE	FE0E; text style;	
	FE0F; emoji style;	
25C0;BLACK LEFT-POINTING TRIANGLE	FE0E; text style;	
	FE0F; emoji style;	
25FB;WHITE MEDIUM SQUARE	FE0E; text style;	
	FE0F; emoji style;	

25FC;BLACK MEDIUM SQUARE	FE0E; text style;	
	FE0F; emoji style;	
25FD;WHITE MEDIUM SMALL SQUARE	FE0E; text style;	
	FE0F; emoji style;	
25FE;BLACK MEDIUM SMALL SQUARE	FE0E; text style;	
	FE0F; emoji style;	
26AA;MEDIUM WHITE CIRCLE	FE0E; text style;	
	FE0F; emoji style;	
26AB;MEDIUM BLACK CIRCLE	FE0E; text style;	
	FE0F; emoji style;	
2B1B;BLACK LARGE SQUARE	FE0E; text style;	
	FE0F; emoji style;	
2B1C;WHITE LARGE SQUARE	FE0E; text style;	
	FE0F; emoji style;	

2B50;WHITE MEDIUM STAR	FE0E; text style;	☆ ☆
	FE0F; emoji style;	🌟🌟🌟
2B55;HEAVY LARGE CIRCLE	FE0E; text style;	◯
	FE0F; emoji style;	🔴🔴🔴
303D;PART ALTERNATION MARK	FE0E; text style;	ㄣ ㄣ
	FE0F; emoji style;	👉👉
3297;CIRCLED IDEOGRAPH CONGRATULATION	FE0E; text style;	㊗️ ㊗️
	FE0F; emoji style;	🎉🎉🎉
3299;CIRCLED IDEOGRAPH SECRET	FE0E; text style;	㊙️ ㊙️
	FE0F; emoji style;	🔒🔒🔒🔒
1F004;MAHJONG TILE RED DRAGON	FE0E; text style;	🀄
	FE0F; emoji style;	🀄🀄🀄
1F17F;NEGATIVE SQUARED LATIN CAPITAL LETTER P	FE0E; text style;	Ⓟ Ⓟ
	FE0F; emoji style;	🅏🅏🅏🅏

1F21A;SQUARED CJK UNIFIED IDEOGRAPH-7121	FE0E; text style;	無
	FE0F; emoji style;	
1F22F;SQUARED CJK UNIFIED IDEOGRAPH-6307	FE0E; text style;	指
	FE0F; emoji style;	
Unicode sequence	Variation selectors for use after the base character of the sequence	Sample glyphs
0023 20E3;NUMBER SIGN + COMBINING ENCLOSING KEYCAP	FE0E; text style;	#
	FE0F; emoji style;	
0030 20E3;DIGIT ZERO + COMBINING ENCLOSING KEYCAP	FE0E; text style;	0
	FE0F; emoji style;	
0031 20E3;DIGIT ONE + COMBINING ENCLOSING KEYCAP	FE0E; text style;	①
	FE0F; emoji style;	
0032 20E3;DIGIT TWO + COMBINING ENCLOSING KEYCAP	FE0E; text style;	②
	FE0F; emoji style;	
0033 20E3;DIGIT THREE + COMBINING ENCLOSING KEYCAP	FE0E; text style;	③
	FE0F; emoji style;	

0034 20E3;DIGIT FOUR + COMBINING ENCLOSING KEYCAP	FE0E; text style;	④
	FE0F; emoji style;	
0035 20E3;DIGIT FIVE + COMBINING ENCLOSING KEYCAP	FE0E; text style;	⑤
	FE0F; emoji style;	
0036 20E3;DIGIT SIX + COMBINING ENCLOSING KEYCAP	FE0E; text style;	⑥
	FE0F; emoji style;	
0037 20E3;DIGIT SEVEN + COMBINING ENCLOSING KEYCAP	FE0E; text style;	⑦
	FE0F; emoji style;	
0038 20E3;DIGIT EIGHT + COMBINING ENCLOSING KEYCAP	FE0E; text style;	⑧
	FE0F; emoji style;	
0039 20E3;DIGIT NINE + COMBINING ENCLOSING KEYCAP	FE0E; text style;	⑨
	FE0F; emoji style;	