

Universal Multiple-Octet Coded Character Set
International Organization for Standardization
Organisation Internationale de Normalisation
Международная организация по стандартизации

Doc Type: Working Group Document

Title: Proposal to encode an emoticon "Neutral Face" in the UCS

Source: Karl Pentzlin

Status: Individual Contribution

Action: For consideration by JTC1/SC2/WG2 and UTC

Date: 2010-01-26

Emoticons

☹ U+1F62A NEUTRAL FACE
= white neutral face
= deadpan face
→ 2639 white frowning face
→ 263A white smiling face

Properties:

1F62A;NEUTRAL FACE;So;0;ON;;;;;N;;;;;

Background

The paper "Towards an encoding of symbol characters used as emoji" by the Irish and German NB (N3607) contained two Emoticons:

1F606 ☹ EXPRESSIONLESS FACE

1F629 ☹ DEADPAN FACE

During the discussion at the SC2/WG2 April 2009 Dublin meeting, these symbols were unified to PDAM8:1F606 EXPRESSIONLESS FACE, using the glyph of N3607:1F629 DEADPAN FACE.

N3711 (Katsuhiko Ogata et al.: "A proposal to Revise a Part of Emoticons in PDAM 8"), compiled by Japanese experts, however requested a glyph change for PDAM8:1F606 which shows angles instead of bold dots for the eyes, accompanied by a name change to UNAMUSED FACE:



This led to the symbol incorporated into FPDAM8 (N3723) as follows

1F606 ☹ EXPRESSIONLESS FACE

which is obviously no longer suited to be unified with a Neutral Face as proposed here.




The NEUTRAL FACE is well known from questionnaires, where it occurs in a line with:

U+263A WHITE SMILING FACE

U+2639 WHITE FROWNING FACE

(Therefore, the alternative name "= white neutral face" is given, while the naming NEUTRAL FACE follows the pattern of other face emoticons in the FPDAM8 Emoticons block.)

See e.g. this example from a hotel questionnaire (collected April 2009 at the Maldron Hotel, Dublin):

<p>Please rate your overall level of satisfaction.</p> <p>Value received for price paid</p> <p>Likelihood you will stay in another Maldron Hotel</p> <p>Overall satisfaction with the service in this hotel</p>	   <div style="display: flex; justify-content: space-around; font-size: small;"> Low Avg High </div> <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div> <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div> <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div>
<p>Room number: _____</p>	<p>Date of stay: _____</p>

This line of characters is e.g. contained in the widespread Microsoft Wingdings font (see the following excerpt of "Webdings and Wingdings Symbol Collection: An analysis" by Asmus Freytag and Michael Everson, 2008-02-05, at <http://unicode.org/~asmus/web-wing-ding-ext.pdf>):

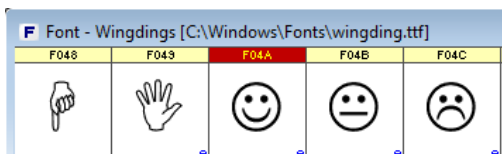
Faces

E029 ☺ WHITE SMILING FACE
 ≡ 263A ☺ white smiling face

E02A ☹ WHITE NEUTRAL FACE

E02B ☹ WHITE FROWNING FACE
 ≡ 2639 ☹ white frowning face

However, the current Microsoft Wingding font (as delivered with Windows Vista) contains these symbols at another location, as the following excerpt of a screenshot taken from FontLab shows:



The symbol is also contained in the STIX PUA (Unicode document L2/09-208: Deborah Anderson et al., "Preliminary Proposal to Encode Characters from the STIX PUA Collection", 2009-05-10).

There, it is listed on p.4 in the table 2 "STIX PUA characters already encoded as Unicode code points or variation sequences" as follows:

☹	E0F3	stix-neutral smiley <i>This is [Wolfram]'s \[NeutralSmiley] that they map to F722 (in the PUA).</i>	1F629	DEADPAN FACE <i>(emoticon from [Emoji])</i>
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However, the symbol being "already encoded" is no longer true, as the symbol was removed from the emoji set which at the time of L2/09-208 was the state of discussion, as described above.

**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://www.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://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html>.

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

A. Administrative

1. Title:	<i>Proposal to encode an emoticon "Neutral Face" in the UCS</i>
2. Requester's name:	<i>Karl Pentzlin</i>
3. Requester type (Member body/Liaison/Individual contribution):	<i>Individual contribution</i>
4. Submission date:	<i>2010-01-26</i>
5. Requester's reference (if applicable):	
6. Choose one of the following:	
This is a complete proposal:	<input checked="" type="checkbox"/>
(or) More information will be provided later:	<input type="checkbox"/>

B. Technical – General

1. Choose one of the following:		
a. This proposal is for a new script (set of characters):	<input type="checkbox"/> No	
Proposed name of script:		
b. The proposal is for addition of character(s) to an existing block:	<input checked="" type="checkbox"/> Yes	
Name of the existing block:	<i>Emoticons (as currently contained in FPDAM8)</i>	
2. Number of characters in proposal:	<i>1</i>	
3. Proposed category (select one from below - see section 2.2 of P&P document):		
A-Contemporary <input checked="" type="checkbox"/>	B.1-Specialized (small collection) <input type="checkbox"/>	B.2-Specialized (large collection) <input type="checkbox"/>
C-Major extinct <input type="checkbox"/>	D-Attested extinct <input type="checkbox"/>	E-Minor extinct <input type="checkbox"/>
F-Archaic Hieroglyphic or Ideographic <input type="checkbox"/>	G-Obscure or questionable usage symbols <input type="checkbox"/>	
4. Is a repertoire including character names provided?	<input checked="" type="checkbox"/> Yes	
a. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?	<input checked="" type="checkbox"/> Yes	
b. Are the character shapes attached in a legible form suitable for review?	<input checked="" type="checkbox"/> Yes	
5. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard?	<i>The symbol is contained in the widespread Microsoft Wingdings font (see text)</i>	
If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used:	<i>n/a</i>	
6. References:		
a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?	<input checked="" type="checkbox"/> Yes	
b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?	<input checked="" type="checkbox"/> Yes	
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)?	<input type="checkbox"/> No	

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 <http://www.unicode.org/Public/UNIDATA/UCD.html> and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

¹ Form number: N3152-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)

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before? If YES explain	<i>see text (was unified with another character, which subsequently was changed in the due process of FPDAM8 in a way that the unification does not hold longer)</i>	Yes
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.)? If YES, with whom? If YES, available relevant documents:		No
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included? Reference:	<i>see text</i>	Everybody
4. The context of use for the proposed characters (type of use; common or rare) Reference:		
5. Are the proposed characters in current use by the user community? If YES, where? Reference:	<i>see text</i>	Yes
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP? If YES, is a rationale provided? If YES, reference:		No
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?		n/a
8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence? If YES, is a rationale for its inclusion provided? If YES, reference:		No
9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters? 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 an existing character? If YES, is a rationale for its inclusion provided? If YES, reference:		No (see text)
11. Does the proposal include use of combining characters and/or use of composite sequences? 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? If YES, reference:		No
12. Does the proposal contain characters with any special properties such as control function or similar semantics? If YES, describe in detail (include attachment if necessary)		No
13. Does the proposal contain any Ideographic compatibility character(s)? If YES, is the equivalent corresponding unified ideographic character(s) identified? If YES, reference:		No