

Universal Multiple-Octet Coded Character Set
International Organization for Standardization
Международная организация по стандартизации


Doc Type: Working Group Document
Title: Additional combining characters for the UCS
Source: Michael Everson
Status: Working Document
Date: 1998-05-25


This document proposes several combining characters for inclusion in the UCS, and discusses the rationale for their inclusion.

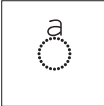
Most of these characters derive from ISO/TC46/SC4 standards ISO 5426-2:1996 and ISO 10754:1996, and the IPA tone mark set.

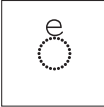
The characters proposed to be added here are given below, with proposed code positions. The proposal summary form is appended thereafter.


0346 COMBINING RIGHT DESCENDER
0347 COMBINING LEFT DESCENDER
0348 COMBINING LATIN SMALL LETTER A ABOVE
0349 COMBINING LATIN SMALL LETTER E ABOVE
034A COMBINING LATIN SMALL LETTER R ABOVE
034B COMBINING LATIN SMALL LETTER Z ABOVE
034C COMBINING DOUBLE CARON
034D COMBINING DOUBLE CIRCUMFLEX
034E COMBINING CIRCUMFLEX GRAVE
034F COMBINING MACRON ACUTE
0350 COMBINING GRAVE MACRON

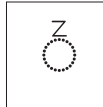
0346: 

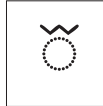
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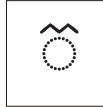
0348: 

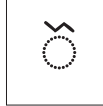
0349: 


034A: 

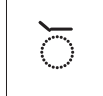
034B: 

034C: 

034D: 

034E: 

034F: 

0350: 

A. Administrative

1. Title

Additional combining characters for the UCS

2. Requester's name

Michael Everson, EGT (WG2 member for Ireland)

3. Requester type

Expert contribution

4. Submission date

1998-05-25

5. Requester's reference

6a. Completion

This is a complete proposal.

6b. More information to be provided?

No

B. Technical -- General

1a. New script? Name?

No.

1b. Addition of characters to existing block? Name?

Yes. Combining Diacritical Marks

2. Number of characters

11

3. Proposed category

Category A

4. Proposed level of implementation and rationale

Level 3 combining characters.

5a. Character names included in proposal?

Yes

5b. Character names in accordance with guidelines?

Yes

5c. Character shapes reviewable?

Yes

6a. Who will provide computerized font?

Michael Everson, Everson Gunn Teoranta

6b. Font currently available?

Yes

6c. Font format?

TrueType

7a. Are references (to other character sets, dictionaries, descriptive texts, etc.) provided?

Yes. ISO 10754:1996, ISO 5426-2:1996, *JIPA* (1995) 25.1

7b. Are published examples (such as samples from newspapers, magazines, or other sources) of use of proposed characters attached?

Hardcopy is provided to WG2 for distribution.

See also <http://www.indigo.ie/egt/standards/iso10646/pdf/iso-5426-2.pdf>

See also <http://www.indigo.ie/egt/standards/iso10646/pdf/iso-10754.pdf>

8. Does the proposal address other aspects of character data processing?

No

C. Technical -- Justification

1. Contact with the user community?

Yes: ISO/TC46/SC4, U.S. Library of Congress, International Phonetic Association.

2. Information on the user community?

Linguists, librarians, and publishers

3a. The context of use for the proposed characters?

Various purposes. Compatibility with ISO 5426-2:1996 and ISO 10754:1996

3b. Reference

See above

4a. Proposed characters in current use?

Yes

4b. Where?

Implementations of ISO 5426-2:1996 and ISO 10754:1996.

5a. Characters should be encoded entirely in BMP?

Yes.

5b. Rationale

Contemporary use and keeping them with the other combining characters.

6. Should characters be kept in a continuous range?

No.

7a. Can the characters be considered a presentation form of an existing character or character sequence?

No.

7b. Where?

7c. Reference

8a. Can any of the characters be considered to be similar (in appearance or function) to an existing character?

No. For instance, COMBINING DOUBLE CIRCUMFLEX could not be considered COMBINING CIRCUMFLEX + COMBINING CIRCUMFLEX, because in Unicode implementations they would stack atop one another, not form a single horizontal glyph.

8b. Where?

8c. Reference

9a. Combining characters or use of composite sequences included?

No

9b. List of composite sequences and their corresponding glyph images provided?

10. Characters with any special properties such as control function, etc. included?

No

D. SC2/WG2 Administrative

To be completed by SC2/WG2

1. Relevant SC 2/WG 2 document numbers:

2. Status (list of meeting number and corresponding action or disposition)

3. Additional contact to user communities, liaison organizations etc.

4. Assigned category and assigned priority/time frame

Other Comments