

ISO/IEC JTC 1/SC 2 N 3791

DATE: 2005-04-15

ISO/IEC JTC 1/SC 2
Coded Character Sets
Secretariat: [Japan \(JISC\)](#)

L2/05-115

DOC. TYPE	Proposed NP						
TITLE	Proposal for New Work Item on ISO/IEC 14651/Amd. 3, Information technology -- International string ordering and comparison -- Method for comparing character strings and description of the common template tailorable ordering -- AMENDMENT 3						
SOURCE	Mr. Alain LaBonte, Project Editor						
PROJECT	JTC 1.02.14651.00.03						
STATUS	On the recommendation of the 14651 Editing Meeting held in Xiamen, Fujian Province, China, 2005-01-25, this document is circulated to the SC 2 members for ballot and submitted to JTC 1 for review. A concurrent PDAM ballot is circulated as SC 2 N 3792. P-members of SC 2 are requested to vote by 2005-07-15.						
ACTION ID	LB						
DUE DATE	2005-07-15						
DISTRIBUTION	P, O and L Members of ISO/IEC JTC 1/SC 2 ; ISO/IEC JTC 1 Secretariat; ISO/IEC ITTF						
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New Work Item Proposal

April 2005

PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2005-04-11	Proposer: JTC 1/SC 2
Secretariat: JISC National Body: Japan	ISO/IEC JTC 1 N XXXX ISO/IEC JTC 1/SC 2 N 3791

A proposal for a new work item shall be submitted to the secretariat of the ISO/IEC joint technical committee concerned with a copy to the ISO Central Secretariat.

Presentation of the proposal - to be completed by the proposer.

Title ISO/IEC 14651/Amd. 3, Information technology -- International string ordering and comparison -- Method for comparing character strings and description of the common template tailorable ordering -- AMENDMENT 3

Scope (and field of application)

This amendment establishes the updated international template table used for ordering character data under the framework of ISO/IEC 14651, to align it with the combined character repertoires of ISO/IEC 10646:2003 and its amendment 1.

Purpose and justification

The ongoing development of the universal, multi-octet-coded character set makes the development of the String Ordering Standard mandatory.

Programme of work

If the proposed new work item is approved, which of the following document(s) is (are) expected to be developed?

☐ a single International Standard

☐ more than one International Standard (expected number:)

☐ a multi-part International Standard consisting of parts

☒ an amendment or amendments to the following International Standard(s) ISO/IEC 14651: 2001

☐ a technical report , type

And which standard development track is recommended for the approved new work item?

☒ a. Default Timeframe

☐ b. Accelerated Timeframe

☐ c. Extended Timeframe

Relevant documents to be considered

PDAM 3 is being concurrently balloted.

Co-operation and liaison

Preparatory work offered with target date(s)

FPDAM: 2005-10-15, FDAM: 2006-04-15

Signature:

Alain LaBonté Project Editor, ISO/IEC 14651

Will the service of a maintenance agency or registration authority be required?No.....
 - If yes, have you identified a potential candidate?
 - If yes, indicate name
 Are there any known requirements for coding? No additional requirement.....
 -If yes, please specify on a separate page
 Does the proposed standard concern known patented items?No.....
 - If yes, please provide full information in an annex

Comments and recommendations of the JTC 1 or SC XX Secretariat - attach a separate page as an annex, if necessary

Comments with respect to the proposal in general, and recommendations thereon:
 It is proposed to assign this new item to JTC 1/SC 2

Voting on the proposal - Each P-member of the ISO/IEC joint technical committee has an obligation to vote within the time limits laid down (normally three months after the date of circulation).

Date of circulation: 2005-04-15	Closing date for voting: 2005-07-15	Signature of Secretary: Toshiko KIMURA Secretariat, ISO/IEC JTC 1/SC 2
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NEW WORK ITEM PROPOSAL - PROJECT ACCEPTANCE CRITERIA		
Criterion	Validity	Explanation
A. Business Requirement		
A.1 Market Requirement	Essential <input checked="" type="checkbox"/> Desirable <input type="checkbox"/> Supportive <input type="checkbox"/>	
A.2 Regulatory Context	Essential <input type="checkbox"/> Desirable <input type="checkbox"/> Supportive <input type="checkbox"/> Not Relevant <input checked="" type="checkbox"/>	
B. Related Work		
B.1 Completion/Maintenance of current standards	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

B.2 Commitment to other organisation	Yes <input checked="" type="checkbox"/> ____ No _____	Unicode Consortium is harmonizing its UCA with ISO/IEC 14651 amendments, which need to be published in a timely fashion to take into account ISO/IEC 10646 progression, also harmonized with Unicode.
B.3 Other Source of standards	Yes <input checked="" type="checkbox"/> ____ No _____	
C. Technical Status		
C.1 Mature Technology	Yes <input checked="" type="checkbox"/> ____ No _____	
C.2 Prospective Technology	Yes _____ No <input checked="" type="checkbox"/> ____	
C.3 Models/Tools	Yes _____ No <input checked="" type="checkbox"/> ____	
D. Conformity Assessment and Interoperability		
D.1 Conformity Assessment	Yes _____ No <input checked="" type="checkbox"/> ____	
D.2 Interoperability	Yes <input checked="" type="checkbox"/> ____ No _____	
E. Cultural and Linguistic Adaptability	Yes <input checked="" type="checkbox"/> ____ No _____	The project is at the heart of CLA. Conformance to ISO/IEC 14651 requires the declaration of a delta (in general a national delta encompassing differences with the template sort table) whose main goal is to adapt text sorting to the culture and language of a given environment. This amendment has provisions for sorting new languages and writing systems not included in previous editions.
F. Other Justification		

Notes to Proforma

A. Business Relevance. That which identifies market place relevance in terms of what problem is being solved and or need being addressed.

A.1 Market Requirement. When submitting a NP, the proposer shall identify the nature of the Market Requirement, assessing the extent to which it is essential, desirable or merely supportive of some other project.

A.2 Technical Regulation. If a Regulatory requirement is deemed to exist - e.g. for an area of public concern e.g. Information Security, Data protection, potentially leading to regulatory/public interest action based on the use of this voluntary international standard - the proposer shall identify this here.

B. Related Work. Aspects of the relationship of this NP to other areas of standardisation work shall be identified in this section.

B.1 Competition/Maintenance. If this NP is concerned with completing or maintaining existing standards, those concerned shall be identified here.

B.2 External Commitment. Groups, bodies, or fora external to JTC 1 to which a commitment has been made by JTC for Co-operation and or collaboration on this NP shall be identified here.

B.3 External Std/Specification. If other activities creating standards or specifications in this topic area are known to exist or be planned, and which might be available to JTC 1 as PAS, they shall be identified here.

C. Technical Status. The proposer shall indicate here an assessment of the extent to which the proposed standard is supported by current technology.

C.1 Mature Technology. Indicate here the extent to which the technology is reasonably stable and ripe for standardisation.

C.2 Prospective Technology. If the NP is anticipatory in nature based on expected or forecasted need, this shall be indicated here.

C.3 Models/Tools. If the NP relates to the creation of supportive reference models or tools, this shall be indicated here.

D. Conformity Assessment and Interoperability

D.1 Indicate here if Conformity Assessment is relevant to your project. If so, indicate how it is addressed in your project plan.

D.2 Indicate here if Interoperability is relevant to your project. If so, indicate how it is addressed in your project plan

E. Cultural and Linguistic Adaptability Indicate here if cultural and linguistic adaptability is applicable to your project. If so, indicate how it is addressed in your project plan.

F. Other Justification Any other aspects of background information justifying this NP shall be indicated here