

ISO/IEC JTC 1/SC 32 N 1716a

Date: 2008-04-27

REPLACES: —

<p style="text-align: center;">ISO/IEC JTC 1/SC 32</p> <p style="text-align: center;">Data Management and Interchange</p> <p style="text-align: center;">Secretariat: United States of America (ANSI) Administered by Farance Inc. on behalf of ANSI</p>
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DOCUMENT TYPE	Summary of Voting/Table of Replies
TITLE	Summary of Voting on 32N1678 FCD 14957 Information technology - Representation of data elements values: Notation of the format 2nd Edition
SOURCE	SC32 Secretariat
PROJECT NUMBER	1.32.19.02.00.00
STATUS	WG2 is requested to resolve the comments. The document does not yet have substantial support.
REFERENCES	
ACTION ID.	ACT
REQUESTED ACTION	
DUE DATE	
Number of Pages	8
LANGUAGE USED	English
DISTRIBUTION	P & L Members SC Chair WG Conveners and Secretaries

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ISO/IEC JTC 1/SC 32 N1716a

Summary of Voting on Document SC 32 N 1678

Title: ISO/IEC 32N1678 FCD 14957 Information technology - Representation of data elements values: Notation of the format 2nd Edition

Project: 1.32.22.01.04.00

“P” Member	Approval	Approval with Comments	Disapproval with Comments	Abstention with Comments
Australia				
Belgium				
Brazil				
Canada				1
China	1			
Czech Republic				
Egypt				
Finland				
Germany				1
Japan		1		
Kazakhstan				
Korea, Republic of	1			
Portugal				
Sweden				1
United Kingdom			1	
United States			1	
Total “P”	2	1	2	3
“O” Member				
Austria				
Denmark				
France				
Italy				
Netherlands, The				
Norway				
Russian Federation				
Switzerland				
Total “O”				

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COMMENTS:

Canada

Abstain. CAC/SC32 is unclear as to the need for this document, but doesn't see a clear reason to oppose it..

Germany

Abstain. Lack of interest and expertise.

Japan

Yes. See attached comments.

Sweden

Abstain. Lack of interest and expertise.

United Kingdom

No. See attached comments.

United States

No. See attached comments.

ISO Editors

See attached comments.

Japan Comments on SC32 N1678- FCD 14957:2008(E)

Date: 2008-04-22	Document: SC32 N1678- FCD 14957
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1	2	(3)	4	5	(6)	(7)
MB ¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
JP 01	Clause 4		ed	Terms "strol" and "strtod" should be changed to "strol()" and "strtod()" since they refer to C functions.		
JP 02	Clause 4		ed	Definition of l need be defined at clause 4.		
JP 03	Annex A		ed	"a" should be specified in Annex A.		

1 MB = Member body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

2 Type of comment: ge = general te = technical ed = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.

Template for comments and secretariat observations

Date: 2008-04-15

Document: ISO/IEC FCD 14957

1	2	(3)	4	5	(6)	(7)
MB ¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of comment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
GB	Introduction		ed	The purpose of the standard would be more obvious if the objective were stated in the first sentence of the introduction, rather than the last.	Move the last sentence, with appropriate modifications, to become the first	
GB	1		te	The Scope clause gives no indication of the context in which this standard is intended to be applied. The body of the document, in particular clause 4, appears to assume that the format will be one operand of a function that extracts a value from a stream of characters and possibly stores that value somewhere. However, neither this nor any alternative assumption is made explicit.	Modify the Scope to identify explicitly the context in which the standard is expected to be used. Alternatively, it could be recast to be purely a means for the description of formats without any procedural implications.	
GB	1	1	ed	The first sentence implies that the notation specified in this standard is to be used universally in all application fields. This is not the case as there are other standards that specify other notations, for example the POSIX standard and the SQL standard.	Modify the sentence to remove the implication of universality.	
GB	1	2	ed	The intent of the second sentence of the Scope is not obvious. The standard defines a means of describing data elements, giving special functionality to a limited set of characters. It is unnecessary to identify at this point characters that are not so used.	Delete the second sentence.	
GB	2		te	None of the four standards identified in Clause 2 are referenced in a normative way elsewhere in the document. Where there are references, they are informative, giving the source of definitions, or merely commentary, as with references in the Introduction. However, there are references in clause to "the strtol function" and "the strtod function", although neither function is defined or described in any way in the document.	Delete all four existing references. Add a reference for the definition of the functions strtol and strtod (probably either the C language standard or the POSIX standard).	
GB	4	1	te	There is no definition of what constitutes a white space character nor of a directive.	Add definition of these two concepts.	

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2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.

Template for comments and secretariat observations

Date: 2008-04-15

Document: ISO/IEC FCD 14957

1	2	(3)	4	5	(6)	(7)
MB ¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
GB	4		te	The Note following the first paragraph states that "This specification of formats is based upon the "fscanf()" function in the C programming language". If the C function is deficient in some way or has facilities that are not considered necessary for the purposes of this standard, this should be explained.		
GB	4		te	Clause 4 appears to imply a processing model whereby the functionality defined in this standard is embedded in some undefined way in some unknown programming language. No mechanism for identification of the source character stream nor of any destination for extracted values is defined, although there are statements that arguments shall be pointers. Not all programming languages support pointers.	Modify the clause to make the specification independent of any particular programming language or style. Alternatively, recast the whole standard as a specification of a function in some specific programming language or languages.	
GB	4		te	There is no indication of what happens if an error is detected or if processing fails for some other reason.	Supply the missing specifications.	
GB	4		te	The recognition and conversion specifications appear to be defining functionality that is a subset of the regular expression functionality defined in other standards and authoritative documents, such as the POSIX standard and W3C publications. Consideration should be given to adopting regular expression definition techniques and also to extending the power of this standard by moving towards a more general description mechanism modelled on those employed in other current standards.		

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2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.

Comments on FCD Text For: ISO/IEC FCD 14597 Information technology — Representation of data elements values: Notation of the format	Date: 2008-03-07	Document: SC32/N1678
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0	1	2	(3)	4	5	(6)	(7)
#	NB ¹	Clause No./ Subclause No./ Annex	Paragraph/ Figure/Table/ Note #	Comment type ²	Comment (justification for change) by the NB	Proposed change by the NB	Secretariat observations on each comment submitted

1	US	0		ed	Remove references to standards that have little impact on current edition, and include full name for standards that continue to be referenced.	Change as appropriate.	
2	US	2		te	Remove references to 11179 and 19763. Add reference to 9899 (C Programming language) and 11404 (general purpose datatypes)		
3	US	4		te	Discussion of assignment and context in which assignment is relevant.	Add explanation as appropriate.	
4	US	4		te	Include format specifiers for all 11404 primitive datatypes.	Add specifier for date-time, scaled, and other primitive 11404 datatypes	
5	US	4	Examples	ed	Add examples for all type specifiers		
6	US	4	Examples	ed	For each example, give examples that match and examples that don't match the format specifiers		
7	US	5		te	Add Note explaining certain format sequences, such as %d0, will never match any string		
8	US	Annex A		te	EBNF operator after "*" should be vertical bar (), not comma (,).		

¹ NB = National body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the Secretariat editing unit are identified by **)

² Type of comment: ge = general te = technical ed = editorial NOTE Columns 1, 2, 4, 5 are compulsory. ISO electronic balloting commenting template (enhanced 2002-08)

Template for comments and secretariat observations

Date: 2008-03-07

Document: **ISO/IEC 14957**

1	2	(3)	4	5	(6)	(7)
MB¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	1	first sentence	ed	first sentence unclear	insert a comma after "character classes" (?) to clarify the sentence: "This International Standard specifies the notation to be used for stating the format, i.e the character classes, used in the representation..."	
	2		ed	Documents listed as normative references shall be cited elsewhere in the document in a way which indicates that the user is required to consult them in order to apply ISO/IEC 14957. None of the documents listed in Clause 2 is cited in this way.	Move ISO/IEC 2382-04, ISO/IEC 6093, ISO/IEC 11179-3 and ISO/IEC 19773-001 to a bibliography at the end of the document.	
	3		ed	Source of definition shall be given in square brackets beneath the definition.	Move the source to the next line. Replace "04" with "4".	
	2	fourth reference	ed	Incorrect ISO/IEC reference and title given.	Correct document reference to ISO/IEC 19773-1, replace title with "Information technology -- MetaData Registries (MDR) -- Part 1: Contact information module for metamodel".	

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NOTE Columns 1, 2, 4, 5 are compulsory.