



ISO/IEC JTC1/SC7
Software & Systems Engineering
Secretariat: CANADA (SCC)

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Document Type Letter Ballot Summary
Title Software engineering – Data quality for information systems
Source JTC1/SC7 Secretariat
Project NWI
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References N3093
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Note Comments must be disposed of.
Assigned to WG6 as per Resolution 780.
Document revised 2004-11-16 to include Italy's vote

Results (the compilation of results is given in the next page)
The following criteria for acceptance have been met: <input checked="" type="checkbox"/> Approval by a simple majority of the voting P-members <input checked="" type="checkbox"/> 5 or more P-members voting approval have agreed to participate in the development of the project and have nominated an expert <input checked="" type="checkbox"/> Approval by JTC1
The proposal is therefore: <input checked="" type="checkbox"/> Approved (all approval criteria met) <input type="checkbox"/> Not approved (one or more approval criteria not met)
Experts:



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TABLE OF VOTING AND COMMENTS RECEIVED

	“P” members	<u>Q1</u>	<u>Q2</u>	<u>Q3</u> <u>Participation</u>	<u>Q4</u>	<u>Q5</u>	<u>Q6</u>	<u>General Yes</u>
1.	Australia	Y	Y	N	N	N	N	
2.	Belgium							
3.	Brazil	Y	Y	Y	N	N	N	
4.	Canada							Y
5.	China	Y	Y	Y	N	N	N	
6.	Czech Republic	Y	Y	N	N	N	N	
7.	Denmark							
8.	Finland							
9.	France	Y	Y	N	N	N	N	
10.	Germany							
11.	Hungary							
12.	Ireland							Y
13.	Israel							
14.	Italy	Y	Y	Y	Y	Y	Y	
15.	Japan	Y	Y	Y	N	N	N	
16.	Korea	Y	Y	Y	N	N	N	
17.	Netherlands	Y	Y	Y	N	N	N	
18.	Portugal							
19.	Romania							
20.	South Africa							
21.	Spain	Y	Y	Y	N	N	N	
22.	Sweden							
23.	Switzerland							
24.	Thailand							
25.	UK	Y	Y	Y	N	N	N	
26.	Ukraine	Y	Y	N	N	N	N	
27.	USA	N	N	N	N	N	N	
27	TOTAL	12 Yes	12Yes	8 Yes	1Yes	1Yes	1Yes	2 Yes

LETTER BALLOT SUMMARY

“O” and “L” members commenting:

Country / Liaison	Q1,Q2-Y	Q3,Q4,Q5,Q6-N	Comments
Russia			

Country	Comments
Canada	Canada supports but no participation in N3093
Spain	Consider adding the following relevant documents to be considered: 1. Huang, K.T., Lee, Y., Wang, R. Quality Information and Knowledge. Prentice Hall, Upper Saddle River, 1999 2. Pipino, L., Lee, Y., Wang, R. "Data Quality Assessment" Communications of the ACM April 2002/Vol. 45, No. 4 3. Olson, J. E. Data Quality: the accuracy dimension. Ed. Morgan Kaufmann Publishers. 2003 4. Wang, R., Storey V.C., Firth, C. F. "A framework for analysis of Data Quality Research". IEEE Transactions on Knowledge and Data Engineering, Vol 7(4). (1995) Pp 623-640.
UK	Comment to Q1 (Do you accept the proposal in document JTC 1 N3078 as a sufficient definition of the new work item?) Yes, however, the proposal title needs reconsideration in order to provide more specific information about the content. The application scope is clearly defined (e.g. applies to financial - or other - sectors). The type of “data quality” evaluation is defined (i.e. data validity, etc.). We believe that a thorough search of other Standards work being undertaken in this area also needs to be undertaken. The UK believes that work in the IEC and ISO TC 154 (on "STEP") may be relevant to this proposal.
USA	We believe the proposal may have merit for the e-gov and e-commerce communities. The proposal does not seem to recognize the many industry-specific standards that exist or national regulations (e.g., HIPAA, EDI for financial, RTCA/ICAO for aviation,...) addressing data quality. Therefore, the scope and applicability of the proposal needs to be clarified. Second, the NP notes that this field and content is not mature at this time. Therefore, the NP should propose a Technical Report rather than an International Standard. Rather than attempting to link the work to the 9126 quality model, the work should seek to identify those quality attributes and the relationships among them. We recommend the formation of a study group to address the above point and to improve the proposal.