

ISO/IEC JTC 1/SC 18
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ISO/IEC JTC 1/SC18 N 5727

DATE: 1997.05.14

REPLACES

DOC TYPE:
Other document

TITLE:
ISO/IEC JTC 1/SC 18 Contribution to JTC 1 Regarding JTC 1 Technical
Directions Related to SC 18/WG 9

SOURCE:
ISO/IEC JTC 1/SC 18

PROJECT:

STATUS:
In accordance with Resolution 14 of the 29 April - 2 May 1997 SC 18
Plenary Meeting, this document has been submitted to the 16-20 June
1997 JTC 1 Ad Hoc Group Meeting on Reengineering for their
consideration.

ACTION ID: FYI

DUE DATE:

DISTRIBUTION: P and L Members
Working Group Conveners & Secretariats

MEDIUM: D

DISKETTE NO.: 52

NO. OF PAGES: 4

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SC 18 N 5727

SC18 input to JTC1 N4631 regarding JTC1 Technical Directions related to SC18WG8

Response from SC 18 on JTC1 N 4631 (SC 18 N 5711), Questions on Technical Directions

Questionnaire response from SC 18 to JTC 1 Ad Hoc Meeting on JTC 1 re-engineering regarding the User Interface Technical Direction.

1. Yes
2. Yes. Additionally, there have been problems in assigning the standardisation work between JTC 1 and TC 159 (which has been responsible for some of the aspects within this Technical Direction). In order to resolve this, we propose that JTC 1 be made responsible for all standards in this Technical Direction. Consequently, JTC 1 would have the lead role, but TC 159 would have to be consulted on the ergonomic aspects of relevant work items and standards.
3. No. Though there is a need for interaction, which can be met by establishing liaisons, but it is not significant.
- 4a. Yes. See response to question 2, above.
- 4b. Yes.

SC 18 forwards the attached document to the JTC 1 Ad Hoc Group on JTC 1 Reengineering for their consideration.



ISO/IEC JTC1 /SC 18/WG 9 N 1716R

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Title: WG9 Comments on JTC1 N4627, Technical Directions, and WG9 response to JTC1 N 4631, Questions on Technical Directions

Source: SC18/WG9

Action: Required input to SC18 Plenary

Date: 1997-04-18

WG9 Comments on JTC1 N4627, Technical Directions

SC18/WG9 is very pleased to notice that in the proposed JTC1 technical directions and common strategic characteristics, it is recognized that user interfaces constitute a full and homogeneous area of work and is considered as a technical direction per se. In this spirit, WG9 has for a long time considered that the current situation linking too many different areas of work in the same SC (present case of SC18) was not optimum to achieve the best productivity in standards making and was creating a redundant level of decision making.

To solve this concern, the best possibility would be to create a full SC on user interfaces. This consequent better visibility, and the scope and description of this technical direction as clarified and enlarged below will help in attracting more experts and increase acceptability of standards produced.

In the case where this would not be possible, SC18/WG9 considers at least that only working groups directly dealing with cultural and linguistic adaptability should be joined in the same SC.

The description of the technical direction *User Interfaces* is suggested to read as follows (text of N 4627 *Description of Technical Directions* modified):

Description of the technical direction *User Interfaces*

·Cultural and linguistic adaptability, interoperability and portability of human-system interaction and of input and output devices in multimedia environments, covering the following domains:

·Physical and logical user-system interfaces, input devices such as, but not limited to, keyboards, mice, pointers and pens, and output devices such as, but not limited to, displays, audio and,tactile output;

·Rules for systems control by voice, vision, movements, gestures, facial expression;

·Presentation techniques, dialogues, graphical symbols and icons including those for people with special needs.

·Dialogue control and human-system interaction

·Intelligent system assistance and tutoring