

ISO/IEC JTC 1/SC 35 N 2706

DATE: 2017-03-17

ISO/IEC JTC 1/SC 35
User Interfaces
Secretariat: AFNOR

DOC TYPE: Approved resolutions

TITLE: Approved resolutions proposed by the SC 35/WGs during their meetings held in Berlin during the week of 2017-02-06

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COMMENT: Only one comment was received on resolution 2017.03, first bullet. The resolutions are approved as they appear in this document.

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MEDIUM: E

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WG 1

Resolution 2017.01: Progression to DIS of ISO/IEC 30113-5 “Information technology -- Gesture-based interfaces across devices and methods – Part 5: Gesture Interface Markup Language (GIML)”

ISO/IEC JTC 1/SC 35

- requests Dr. Sunghan Kim to send the disposition of comments on 2nd CD ballot for part 5 of the Gesture-based interfaces project completed in Berlin alongside the DIS document that results to the WG1 list with copy to WG5 and WG6 before 2017-03-15, for expert comments to be posted before 2017-03-31,
- requests Dr. Sunghan Kim to send the resulting document to the secretariat for DIS ballot not later than 2017-04-07,
- consequently requests the Secretariat to send it as an outcome to ITTF no later than 2017-04-14 for a 12 weeks DIS ballot, and a translation period of 8 weeks.

Resolution 2017.02: NP on ISO/IEC 30113-61 “Information technology -- Gesture-based interfaces across devices and methods - Part 61: Single-point gestures for screen readers”

ISO/IEC JTC 1/SC 35

- requests Mr. Song Jaeil to send the revised WD for part 61 of the Gesture-based interfaces project to the WG1 list of experts with copies to WG 4 list of experts, WG5 list of experts and WG6 list of experts before 2017-06-30 for discussion at the next meeting.

Resolution 2017.03: NP on a universal interface for choosing a natural language

ISO/IEC JTC 1/SC 35

- requests Mr. Keld Simonsen to prepare a WD including at least the table of contents and ideally a requirements text, to accompany the draft NP prepared in Berlin on a universal interface for choosing a natural language in I.T. applications. This WD should be sent to the WG1, WG 2 and WG 5 list of experts before 2017-04-30 alongside with the cleaned-up NP document prepared in Berlin,
- requests the experts to provide comments to the same lists before 2017-05-31,
- requests Mr Keld Simonsen to revise the draft as appropriate and send the resulting documents to the same lists of experts again before 2017-06-30 for discussion at the next meeting, so that an 8-week NP ballot be initiated in consequence,
- requests experts to propose a new universal symbol to be registered in ISO 7000 that would represent the universal natural language selector in I.T. applications. This symbol may be the most important element of the interface,
- WG 1 will work with WG 2 and 5 in close cooperation on this topic.

Resolution 2017.04: NP on keyboard input methods

ISO/IEC JTC 1/SC 35

- requests Mr. Keld Simonsen to prepare a WD including at least the table of contents and ideally a requirements text, to accompany the draft NP prepared in Berlin on keyboard input methods. This WD should be sent to the WG1 list of experts before 2017-04-30 alongside with the cleaned-up NP document prepared in Berlin,
- requests the experts to provide comments to the same list before 2017-05-31,
- requests Mr Keld Simonsen to revise the draft as appropriate and send the resulting documents to the same list of experts again before 2017-06-30 for discussion at the next meeting, so that an 8-week NP ballot be initiated in consequence.

Resolution 2017.05: NP on standardizing keyboard “group selection”

ISO/IEC JTC 1/SC 35

- requests Mr. Keld Simonsen to prepare a WD including at least the table of contents and ideally a requirements text, to accompany the draft NP prepared in Berlin on standardizing keyboard “group selection”. This WD should be sent to the WG1 list of experts before 2017-04-30 alongside with the cleaned-up NP document prepared in Berlin,
- requests the experts to provide comments to the same list before 2017-05-31,
- requests Mr Keld Simonsen to revise the draft as appropriate and send the resulting documents to the same list of experts again before 2017-06-30 for discussion at the next meeting, so that an 8-week NP ballot be initiated in consequence.

Resolution 2017.06: Amendment 1 of ISO/IEC 9995-9

ISO/IEC JTC 1/SC 35

- approves a subdivision of ISO/IEC 9995-9 project to produce its amendment 1,
- requests Mr. Karl Pentzlin
 - o to add in this document any text which ensures compatibility with the new part of the ISO-IEC 9995 on “group selection” as requested by the resolution 2017-05 above,
 - o to revise the specification of the group YC as specified in paragraph B.16 of the current version of that standard, assigning the Russian Ruble sign at an appropriate place in that group even if this requires moving of other currency signs, and to assign all other currency signs added to ISO/IEC 10646 (Unicode) since the last version considered of ISO/IEC 10646 an appropriate place in ISO/IEC 9995-9,
 - o to add other characters added to ISO/IEC 10646 (Unicode) since the last ISO/IEC 10646 version considered, at an appropriate place in ISO/IEC 9995-9,
 - o to replace the reference to PUA (Private Use Area of ISO/IEC 10646) where appropriate.

Resolution 2017.07: Preparing a future NP on ISO/IEC 30113-12 “Information technology -- Gesture-based interfaces across devices and methods – Part 12: Multi-point gestures for common system action”

ISO/IEC JTC 1/SC 35

- requests Dr Hyuk Jeong to send the NP form and new WD for part 12 of the Gesture-based interfaces project to the WG1 list with copy to WG5 and WG6 before 2017-06-30, for expert discussion at the next July meeting, so that an 8-week NP ballot be initiated in consequence. The WD should include a solution to the alternative mode selection issue discussed at the Seoul meeting (multi-point mode activated with only one finger).

Resolution 2017.08: SC35 symbols to be included in ISO/IEC 10646

ISO/IEC JTC 1/SC 35

- requests Mr. Karl Pentzlin to update document SC35 N 1579. Modifications would be restricted to
 - o adding all symbols defined in ISO/IEC 9995-10
 - o dropping any symbols which can be unified with Unicode characters encoded in the meantime
 - o adjust the proposed codepoints to free ones in cases where the originally proposed codepoints have been assigned to other characters in the meantime.
- requests Mr. Pentzlin to submit the updated document to the SC35 secretariat no later than 2017-02-28,
- requests the SC35 Secretariat to submit it directly to JTC1/SC2 as a liaison proposal to SC2 after receiving the document.

Resolution 2017.09: Progress of project ISO/IEC 22121-1 “Information technology -- Virtual keyboards user interfaces -- Part 1: Generic interface”

ISO/IEC JTC1/SC35

- recognizes the successful results of the NP ballot on project ISO/IEC 22121-1,
- confirms the appointment of Thibault Grouas, as project editor,
- acknowledges that Dr. Hyuk Jeong, Mr Alain Labonté and Mr. Keld Simonsen will act as co-editors,
- requests the editor to take the experts contributions into account,
- asks the editor to provide the Secretariat with a revised working draft for circulation to the WG 1, 4, 5 and 6 members no later than 2017-06-26, in time for review during the Paris meeting with the intent of sending a CD ballot after the meeting.

Resolution 2017.10: Progress of project ISO/IEC NP 22121-2: "Information technology -- Virtual keyboards user interfaces -- Part 2: Virtual keyboards interactions”

ISO/IEC JTC1/SC35

- recognizes the successful results of the NP ballot on project ISO/IEC 22121-2,
- confirms the appointment Denis Chêne as project editor,
- acknowledges that Dr. David Fournay will act as co-editor,
- requests the editor to take the experts contributions into account,
- asks the editor to provide the Secretariat with a revised working draft for circulation to the WG 1, 4, 5 and 6 members no later than 2017-06-26, in time for review during the Paris meeting with the intent of sending a CD ballot after the meeting.

WG 2

Resolution 2017.11: Collaboration with IEC/TC 3/SC 3C

ISO/IEC JTC 1/SC 35:

- the Secretariat to take necessary actions for starting collaboration with IEC/TC 3/SC 3C regarding the development of icon standards.

Resolution 2017.12: Preparation of a new project on currently used icons

ISO/IEC JTC 1/SC 35:

- requests Dr. Denis Chêne to prepare a WD for TR “List of currently used icons” and to send them by 2017-03-07 to the Convenor,
- the Convenor will send this document the Secretariat who will circulate it to the SC 35 members for comments by 2017-03-14,
- requests SC 35 members to provide the Convenor with comments by 2017-06-26.

Resolution 2017.13: Preparation of a new project on interaction profile of icons

ISO/IEC JTC 1/SC 35:

- requests Dr. Denis Chêne to prepare the NWIP form and the revised WD for “Icons for setting interaction modes” and to send them by 2017-03-07 to the Convenor.
- The Convenor will send these documents to the Secretariat for 12-week NP ballot by 2017-03-31.

WG 4

Resolution 2017.14: Progress of AWI ISO/IEC 17549-1 “Information technology – User interface guidelines on menu navigation – Part 1: Framework” to CD stage

ISO/IEC JTC 1/SC 35:

- requests Dr. Denis Chêne to prepare the resolution of comments on the NP ballot based on the results of the Seoul meeting and to send it with a revised WD by 2017-02-14 to the Convenor.
- The Convenor will send these documents to WG4 members for a 4 weeks review.
- If all WG4 members accept the WD and agree to proceed to CD ballot, then the Convenor will send it to the Secretariat for a 12-week CD ballot by 2017-03-31.

Resolution 2017.15: Progress of proposed NP 17549-3 “Information technology – User interface guidelines on menu navigation – Part 3: Navigation on 1- direction devices”

ISO/IEC JTC 1/SC 35:

- requests Dr. Denis Chêne and Mr. Song Jaeil to prepare the revised WD on “Guidelines on menu navigation – Part 3: Navigation on 1-direction devices” and NWIP form and to send them to the Convenor by 2017-02-14.
- The Convenor will send these documents to the Secretariat for a 12-week NP ballot by 2017-02-28.

WG 5

Resolution 2017.16: Actions to be taken with the Unicode Consortium

ISO/IEC JTC 1/SC 35

- requests the Convenor to contact the Unicode Consortium to join the discussions taking place in WG 5,
- requests the Convenor and the SC 35 Chairman to contact Mark Davis, President of the Unicode Consortium, to invite him to participate in SC 35 Working Groups.

Resolution 2017.17: Progress to FDIS of project ISO/IEC 20382-1 “Information technology -- User interfaces -- Face-to-face speech translation - - Part 1: User interface”

ISO/IEC JTC 1/SC 35

- approves the disposition of comments made during the WG 5 meeting,
- notes that a statement to thank ITU for their relevant comments and an explanation on this disposition of comments will be added,
- decides to officially send this disposition of comments with the included statement to ITU,
- requests the project editor, Dr. Miran Choi, to provide the Secretariat with a revised draft of the project no later than 2017-02-20,
- requests the SC 35 Secretariat to submit this document for a FDIS ballot no later than 2017-02-24.

Resolution 2017.18: Progress to FDIS of project ISO/IEC 20382-2 “Information technology -- User interfaces -- Face-to-face speech translation - - Part 2: System architecture and functional components”

ISO/IEC JTC 1/SC 35

- approves the disposition of comments made during the WG 5 meeting,
- notes that a statement to thank ITU for their relevant comments and an explanation on this disposition of comments will be added,
- decides to officially send this disposition of comments with the included statement to ITU,
- requests the project editor, Dr. Young Jik Lee, to provide the Secretariat with a revised draft no later than 2017-02-20,
- requests the SC 35 Secretariat to submit this document for a FDIS ballot no later than 2017-02-24.

Resolution 2017.19: Follow-up on systematic review of ISO/IEC 15897 "Information technology -- User interfaces -- Procedures for the registration of cultural elements"

ISO/IEC JTC 1/SC 35

- acknowledges the results of the systematic review on ISO/IEC 15897,
- requests the Secretariat to take the necessary actions to confirm the standard no later than 2017-02-24.

Resolution 2017.20: Progress of project ISO/IEC 30150 “Information technology -- User interface component accessibility -- Affective computing user interfaces”

ISO/IEC JTC1/SC35

- recognizes the successful results of the NP ballot on project ISO/IEC 30150,
- confirms the appointment of Pr. Hongan WANG and Ms Jing WANG as project editors,
- requests the Secretariat to take the necessary actions to correct the title of the project in the ISO database according to the approved Form 4: " Information Technology - Affective Computing User Interface - Framework",
- asks the editors to provide the Secretariat with a proposed disposition of the comments received during the NWIP ballot and a revised working draft reflecting the disposition of comments for circulation to the WG 1, 5, and 6 members no later than 2017-06-26, in time for review during the Paris meeting.

WG 6

Resolution 2017.21: ISO/IEC 20071-23 Information technology – User interface component accessibility – Guidance on the visual presentation of audio information (including captions and subtitles)

ISO/IEC JTC 1/SC 35

- asks the editors Dr. Junjii Ohyama and Dr. David Fourney to revise the committee draft of ISO/IEC 20071-23 according to the discussions from the WG 6 meeting and to submit it along with the disposition of comments from the CD ballot to the Convenor no later than 2017-02-19,
- asks the Convenor to check that the new draft conforms to ISO/IEC Directives and then forward it along with the disposition of comments from the CD ballot to the SC35 Secretariat no later than 2017-02-20,
- requests the Secretariat to process the draft and disposition of comments for an 8-week translation period and a 12-week DIS ballot no later than 2017-02-24, in time for the ballot results to be discussed at the 2017 Paris WG 6 meeting.

Resolution 2017.22: ISO/IEC 30071-1 Information technology - Development of user interface accessibility – A code of practice for creating accessible ICT products and services

ISO/IEC JTC1/SC35

- asks the experts who have initial submissions regarding additions to ISO/IEC 30071-1 to the editor Dr. Jonathan Hassell no later than 2017-03-03,
- asks the editors Dr. Jonathan Hassell, Mr. Andy Heath and Dr. Jim Carter to make preliminary revisions to the committee draft according to the discussions from the WG 6 meeting and the initial submissions received from experts and to submit them to the Convenor no later than 2017-03-16 for INTERNAL circulation among the experts no later than 2017-03-17,
- asks the experts to provide detailed comments on the INTERNAL draft containing preliminary revisions to the editor Dr. Jonathan Hassell no later than 2017-04-03,
- asks the editors to finalize the revisions to the committee draft and to submit it along with the disposition of comments from the CD ballot to the Convenor no later than 2017-04-20,
- asks the Convenor to check that the new draft conforms to ISO/IEC Directives and then forward it along with the disposition of comments from the CD ballot to the SC35 Secretariat no later than 2017-04-24,
- requests the Secretariat to process the draft and disposition of comments for a 8 week (second) CD ballot no later than 2017-05-01, in time for the ballot results to be discussed at the 2017 Paris WG 6 meeting.

Resolution 2017.23: ISO/IEC 20071-15: Information technology – User interface component accessibility – Scanning visual information for audio presentation

ISO/IEC JTC1/SC35

- asks the editors Pr. Sukil Kim, Pr. Hong Ki Min and Pr. Hyun Ju Moon to revise the working draft of ISO/IEC 20071-15 according to the discussions from the WG 6 meeting and to submit it along with the disposition of comments for the NP ballot to the Convenor no later than 2017-02-24,
- asks the Convenor to add a suitable conformance clause (as discussed in the WG meeting) and to check that the new draft conforms to ISO/IEC Directives and then forward it along with the disposition of comments from the NP ballot to the SC35 Secretariat no later than 2017-03-17,
- requests the Secretariat to process the draft and disposition of comments for a 8 week PPTS ballot no later than 2017-03-27, in time for the ballot results to be discussed at the 2017 Paris WG 6 meeting.

Resolution 2017.24: ISO/IEC NP 29138-1 Information technology — User interface accessibility — Part 1: User accessibility needs

ISO/IEC JTC1/SC35

- asks the editors Dr. Jim Carter, Mr. Andy Heath and Mr. Rory Heap to revise the working draft of ISO/IEC 29138-1 according to the discussions from the WG 6 meeting and to submit it along with the disposition of comments from the NP ballot to the Convenor no later than 2017-02-24,
- asks the Convenor to check that the new draft conforms to ISO/IEC Directives and then forward it along with the disposition of comments from the NP ballot to the SC35 Secretariat no later than 2017-02-28,
- requests the Secretariat to process the draft and disposition of comments for a 12 week CD ballot no later than 2017-03-06, in time for the ballot results to be discussed at the 2017 Paris WG 6 meeting.

Resolution 2017.25: Registration of PWI "ISO/IEC 20071-31 Information technology – User interface component accessibility - Guidance on making content "Easy To Read" "

ISO/IEC JTC1/SC35

- requests the Secretariat to register "ISO/IEC 20071-31 Information technology – User interface component accessibility - Guidance on making content "Easy To Read" " as a Preliminary Work Item.

Resolution 2017.26: Planning for new activities at the upcoming 2017 Paris meeting

ISO/IEC JTC1/SC35

- asks the convenor of WG6 to ensure that in addition to time for progressing projects, time at the 2017 Paris meeting is also scheduled for discussing:
 - transforming ISO/IEC TS 20071-11:2012 (Guidance for alternative text for images) into an IS,
 - discussions on the progress of "ISO/IEC PWI 20071-31 Information technology – User interface component accessibility - Guidance on making content 'Easy To Read' ",
 - discussions with ITU representatives relating to their possible adoption of parts of the ISO/IEC 20071 series.

Resolution 2017.27: Definition of "accessibility"

ISO/IEC JTC1/SC35

- recognizes the new definition of accessibility adopted by both ISO TC159 and ISO TC159/SC4 to replace their previous definitions and that this new definition was adapted from SC35 Resolution 2011.73:

accessibility

extent to which products, systems, services, environments and facilities can be used by people from a population with the widest range of user needs, characteristics and capabilities to achieve identified goals in identified contexts of use

Note 1 to entry: Context of use includes direct use or use supported by assistive technologies.

- resolves to adopt this new definition and to use it, from this time forward, in all documents requiring a definition of accessibility.

WG 8

Resolution 2017.28: DIS vote on ISO/IEC 24752-8 "Information technology -- User interfaces -- Universal remote -- Part 8: User interface resource framework"

ISO/IEC JTC 1/SC 35

- requests the editor of ISO/IEC 24752-8 "Information technology -- User interfaces -- Universal remote -- Part 8: User interface resource framework" to prepare an enquiry draft (DIS), incorporating the resolution of comments on the CD vote; by 2017-02-17;
- requests its secretariat to register the enquiry draft (DIS), by 2017-02-20.

General

Resolution 2017.29: Next meetings

ISO/IEC JTC 1/SC 35

- requests the Chair to take the necessary steps for the organization of February/March 2018 GOM in the Netherlands,
- requests the Chair to take the necessary steps for the organization of summer 2018 Plenary meeting in Japan.