



User interfaces

ISO/CEI/JTC 001/SC 35

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ISO/IEC JTC 1/SC 35 Okayama meeting resolutions (2018-08-27/31)

COMMENTARIES /

Dear members,

DECISIONS

Please find below the resolutions from ISO/IEC JTC 1/SC 35 Okayama meeting that took place from 27 to 31 August 2018.

FOLLOW UP

For information

SOURCE

ISO/IEC JTC 1/SC 35 Secretariat

ISO/IEC JTC1/SC 35 Plenary meeting, 2018-08-27/31 Okayama, Japan – Resolutions

WG 1

Resolution 2018-09: Progress of ISO/IEC 22121-2: "Information technology -- Virtual keyboards user interfaces -- Part 2: Virtual keyboards interactions"

ISO/IEC JTC 1/SC 35

- requests ISO/CS to renumber it to ISO/IEC 22121-3 (to avoid potential confusion – see resolution 2018-10).
- requests the ISO/IEC JTC 1/SC 35 Secretary to take necessary actions to reset the project as a PWI no later than 2018-09-30.

Unanimously approved

Resolution 2018-10: Renaming ISO/IEC 22121-1 "Information technology -- Virtual keyboards user interfaces -- Part 1: Generic interface"

ISO/IEC JTC 1/SC 35

- acknowledges that the generic framework for this whole series of standards will have to be developed after its main parts, given that current part 1 focuses on the most used instance of virtual keyboards and not on the more general case.
- requests the ISO/IEC JTC 1/SC 35 Secretary to take the necessary actions to change this project's title from "Information technology -- Virtual keyboards user interfaces -- Part 1: Generic interface" to "Information technology – Virtual keyboard user interfaces -- Part 2 : On-screen keyboards with direct touch interface".

Unanimously approved

Resolution 2018-11: CD ballot on ISO/IEC 22121-2 "Information technology – Virtual keyboard user interfaces -- Part 2: On-screen keyboards with direct touch interface"

ISO/IEC JTC 1/SC 35

- requests the editor, Mr Thibault Grouas, to provide a new text to the ISO/IEC JTC 1/SC 35 Secretary no later than 2018-10-01 taking into account changes made during Okayama ISO/IEC JTC 1/SC 35/WG 1 meeting.
- requests the ISO/IEC JTC 1/SC 35 Secretary to launch a 12-week CD ballot with this text no later than 2018-10-05 so that ballot results be ready before the next ISO/IEC JTC 1/SC 35/WG 1 meeting.

Unanimously approved

Resolution 2018-12: ISO/IEC 9995-9:2016/PDAM 1 "Information technology -- Keyboard layouts for text and office systems -- Part 9: Multi-lingual, multiscript keyboard layouts -- Amendment 1"

ISO/IEC JTC 1/SC 35

- acknowledges the positive results of the PDAM 1 ballot that came back approved unanimously without any comment.
- requests ISO/IEC JTC 1/SC 35 Secretary to take appropriate action to launch the DAM 1 ballot no later than 2018-09-07 with the unmodified text.

Unanimously approved

Resolution 2018-13: Progress of ISO/IEC 9995-12 "Information technology - Keyboard layouts for text and office systems - Part 12: Keyboard group selection"

ISO/IEC JTC 1/SC 35

- requests the editor, Mr Keld Simonsen, to send ISO/IEC JTC 1/SC 35 Secretary a new text incorporating changes made during the meeting, alongside the disposition of comments, no later than 2018-10-01.
- requests the ISO/IEC JTC 1/SC 35 Secretary to launch the second CD ballot no later than 2018-10-05 so that ballot results be ready before the next ISO/IEC JTC 1/SC 35/WG 1 meeting

Unanimously approved

Resolution 2018- 14: Expected Follow-up on input methods

ISO/IEC JTC 1/SC 35

- accepts the recommendation of Mr Keld Simonsen to put this potential project on hold, so that it can be rethought.
- requests Mr Keld Simonsen to investigate (for example in the Linux world) on how to achieve this standard and report at the next meeting the results of this investigation with a recommendation as to how it can be furthered on or not at this point.
- requests Mr Keld Simonsen to send a working draft to ISO/IEC JTC 1/SC 35/WG 1 Convenor no later than 2018-12-31.
- requests the convenor, Mr Alain LaBonté, to circulate this text at the latest one month before the next WG1 meeting for presentation.

Unanimously approved

Resolution 2018-15: Postponing the second amendment of ISO/IEC 9995-7 "Information technology -- Keyboard layouts for text and office systems -- Part 7: Symbols used to represent functions"

ISO/IEC JTC 1/SC 35

- requests Mr Karl Pentzlin to present his case about PDAM 2 to ISO/IEC 9995-7 at the next ISO/IEC JTC /SC 35/WG 1 meeting, as text received was not considered mature enough by the experts in absence of discussion. This amendment is therefore put on hold until that discussion occurs.

Unanimously approved

Resolution 2018-16: Postponing the amendment of ISO/IEC 9995-10 "Information technology -- Keyboard layouts for text and office systems -- Part 10: Conventional symbols and methods to represent graphic characters not uniquely recognizable by their glyph on keyboards and in documentation"

ISO/IEC JTC 1/SC 35

- requests Mr Karl Pentzlin to present his case about PDAM 1 to ISO/IEC 9995-10 at the next ISO/IEC JTC 1/SC 35/WG 1 meeting, as text received was not considered mature enough by the experts in absence of discussion. This amendment is therefore put on hold until that discussion occurs.

Unanimously approved

Resolution 2018-17: Tools for encoding ISO/IEC 9995-7 "Information technology -- Keyboard layouts for text and office systems -- Part 7: Symbols used to represent functions" and ISO/IEC 9995-10 "Information technology -- Keyboard layouts for text and office systems -- Part 10: Conventional symbols and methods to represent graphic characters not uniquely recognizable by their glyph on keyboards and in documentation"

As a follow-up of resolutions 2010.47 and 2010.48, taking into account ISO/IEC JTC1/SC2 refusal to encode some codepoints corresponding to extra symbols of ISO/IEC 9995,

ISO/IEC JTC 1/SC 35

- acknowledges the wish of Mr Karl Pentzlin, the creator and rights holder of the fonts made for the ISO/IEC 9995-7 amendments 1 and 2 and for ISO/IEC 9995-10, that these be freely available for all uses and that they be downloadable from the public ISO/IEC JTC 1/SC 35 web site.
- requests ISO/IEC JTC 1/SC 35 Secretary to take the necessary actions to this end.
- kindly asks Mr Karl Pentzlin to prepare a document showing correspondence of ISO/IEC 9995-7 and 9995-10 symbols with ISO/IEC 10646 characters and assigned PUA codepoints (PUA=Private Use Area), also showing glyphs used in the latter and symbols used in the former.
- kindly asks ISO/CS to setup a publicly available download area for easy access to these fonts and the correspondence document.

Unanimously approved

Resolution 2018-18: Progressing project on "Interface for universal human language selection"

ISO/IEC JTC 1/SC 35

- requests Mr Keld Simonsen, to send ISO/IEC JTC 1/SC 35 Secretary no later than 2018-10-01 an NWIP Form and Working Draft incorporating changes made during the meeting, in particular the new symbols and icons proposed by ISO/IEC JTC 1/SC 35/WG2.
- requests the ISO/IEC JTC 1/SC 35 Secretary to launch an NP ballot accompanied with the Working draft no later than 2018-10-15.

Unanimously approved

WG2

Resolution 2018-19: Status of ISO/IEC 13251 ed.2 "Information technology -- Collection of graphical symbols for office equipment"

ISO/IEC JTC 1/SC 35

- Requests the ISO/IEC JTC 1/SC 35 Secretary to take the necessary actions to clarify the status of ISO/IEC 13251 ed.2 no later than 2018-09-30 and report to the ISO/IEC JTC 1/SC 35/WG2 convenor within one week.

Unanimously approved

WG4

Resolution 2018-20: Status of ISO/IEC 17549-2 "Information technology -- User interface guidelines on menu navigation -- Part 2: Navigation with 4-direction devices"

ISO/IEC JTC 1/SC 35

- requests the ISO/IEC JTC 1/SC 35 Secretary to take the necessary actions to clarify the FDIS status of ISO/IEC 17549-2 "Information technology -- User interface guidelines on menu navigation -- Part 2: Navigation with 4-direction devices" no later 2018-09-30 and report to the ISO/IEC JTC 1/SC 35/WG4 convenor within one week.

Unanimously approved

WG5

Resolution 2018-21: Progress of ISO/IEC 30150 "Information technology -- Affective computing user interface -- Framework" and renaming of the project:

ISO/IEC JTC 1/SC 35

- resolves that the title of project ISO/IEC 30150 be changed from " Information technology - Affective computing user interface - Framework" to " Information technology - Affective computing user interface - Part 1: Model ".
- requests ISO/IEC JTC 1/SC 35 Secretary to take the appropriate actions to initiate this change of project title with ISO Central Secretariat no later than 2018-09-30.
- requests the ISO/IEC JTC 1/SC 35 Secretary to take the necessary actions to ensure that Mr Pinpin Zhu is registered as a project editor.
- requests the editors, Ms Jing Wang, Pr Hongan Wang, and Mr Pinpin Zhu to provide a new text to the ISO/IEC JTC 1/SC 35 Secretary no later than 2018-10-01 taking into account changes made during Okayama meeting.
- requests the ISO/IEC JTC 1/SC 35 Secretary to launch a 12-week CD ballot with this text no later than 2018-10-05 so that ballot results be ready before the next ISO/IEC JTC 1/SC 35/WG 5 meeting.
- notes that it will not be possible to register the project as DIS before February 2019 and requests ISO/IEC JTC 1/SC 35 Secretary to take the necessary actions to transfer the project to SDT 48 no later than 2018-09-30.

Unanimously approved

Resolution 2018-22: Progress of ISO/IEC 30112 "Information technology -- Specification methods for cultural conventions"

ISO/IEC JTC 1/SC 35

- requests the editor, Mr Keld Simonsen, to provide a revised text to ISO/IEC JTC 1/SC 35 Secretary no later than 2018-10-01.
- requests ISO/IEC JTC 1/SC 35 Secretary to launch a 12-week CD ballot with this text no later than 2018-10-05 so that ballot results be ready before the next ISO/IEC JTC 1/SC 35/WG 5 meeting.

Unanimously approved

Resolution 2018-23: Progress of ISO/IEC PWI 20071-31 "Information technology -- User interface component accessibility -- Part 31: Guidance on making content "Easy To Read"

ISO/IEC JTC 1/SC 35

- requests ISO/IEC JTC 1/SC 35 Secretary to take the necessary actions to register Ms Ester Hedberg and Dr Anna Matamala as project editors.
- Following the transfer of the project from ISO/IEC JTC 1/SC 35/WG 6 to ISO/IEC JTC 1/SC 35/WG 5, requests the ISO/IEC JTC 1/SC 35 Secretary to take the necessary actions to change the number of the project and change its title to "Information technology – User interfaces -- Guidance on making content Easy To Read" by 2018-09-30.

Unanimously approved

WG6

Resolution 2018-24: Progress of ISO/IEC 30071-1 "Information technology — Development of user interface accessibility — Part 1: A code of practice for creating accessible ICT systems (including products and services)"

ISO/IEC JTC 1/SC 35

- recognizing the approval of the DIS ballot on ISO/IEC 30071-1 and the resolution of the comments, requests the project editors to provide a new draft taking into account the agreed resolution of all comments from the WG6 meeting to the ISO/IEC JTC 1/SC 35/WG 6 convenor by 2018-09-28.
- requests the ISO/IEC JTC 1/SC 35/WG 6 convenor to forward the new draft of ISO/IEC 30071-1 and the resolution of comments on the DIS ballot to the ISO/IEC JTC 1/SC 35 Secretary for FDIS ballot by 2018-09-30.
- requests ISO/IEC JTC 1/SC 35 Secretary to take the appropriate actions to initiate the FDIS ballot for ISO/IEC 30071-1 by 2018-10-05.

Unanimously approved

Resolution 2018-25: Progress of ISO/IEC 20071-11 "Information technology – User interface component accessibility – Part 11: Guidance on text alternatives for images"

ISO/IEC JTC 1/SC 35

- recognizing the approval of the NP ballot on ISO/IEC 20071-11 and the resolution of the comments, requests the project editors to provide a new draft taking into account the agreed resolution of all comments from the WG6 meeting to the WG convenor no later than 2018-09-28.
- requests the ISO/IEC JTC 1/SC 35/WG6 convenor to forward the new draft of ISO/IEC 20071-11 and the resolution of comments on the NP ballot to the ISO/IEC JTC 1/SC 35 Secretary for CD ballot no later than 2018-09-30.
- requests the ISO/IEC JTC 1/SC 35 Secretary to take the appropriate actions to initiate the CD ballot for ISO/IEC 20071-11 no later than 2018-10-05.

Unanimously approved

WG9

Resolution 2018-26: Progress 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

- acknowledges the successful result of the DIS ballot on ISO/IEC 30113-5.
- requests the project editor, Pr. Jee-In Kim, to prepare and submit an amended text corresponding to the comments discussed at the Okayama meeting no later than 2018-09-30.
- requests ISO/IEC JTC 1/SC 35 Secretary to initiate a FDIS ballot no later than 2018-10-05.

Unanimously approved

Resolution 2018-27: Progress of ISO/IEC 30113-12 "Information technology - Gesture-based interfaces across devices and methods - Part 12: Multi-point gestures for common system actions"

ISO/IEC JTC 1/SC 35

- acknowledges the successful result of the CD ballot on ISO/IEC 30113-12.
- Requests ISO/IEC JTC 1/SC 35 Secretary to take the necessary actions to ensure that Dr. Hyuk Jeong is registered as project editor.
- requests the project editor, Dr. Hyuk Jeong, to send a new text incorporating the comments discussed at the Okayama meeting to the ISO/IEC JTC 1/SC 35 Secretary no later than 2018-08-31.
- requests ISO/IEC JTC 1/SC 35 Secretary to launch a DIS ballot no later than 2018-09-03 so that the result be received for review at the next ISO/IEC JTC1/SC 35/WG 9 meeting.

Unanimously approved

Resolution 2018-28: Progress of 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

- acknowledges the successful result of NP ballot on ISO/IEC 30113-61.
- requests ISO/IEC JTC 1/SC 35 Secretary to take necessary actions for splitting project ISO/IEC 30113-61 into two parts as agreed during ISO/IEC JTC 1/SC 35/WG9 meeting no later than 2018-09-30:
 - Part 60 (new) : to be registered as " General guidance on gestures for screen readers"
 - Part 61: " Single-point gestures for screen readers"
- requests the editor, Mr Song Jaeil, to send a revised set of documents (Part 60 and 61) with the disposition of comments discussed at the Okayama meeting to ISO/IEC JTC 1/SC 35 Secretary no later than 2018-10-31.
- requests ISO/IEC JTC 1/SC 35 Secretary to initiate CD ballots for both documents no later than 2018-11-09.

Unanimously approved

General resolutions:

Resolution 2018-29: Communication to ISO/TC 159/SC4 regarding standardization of alternative text

ISO/IEC JTC 1/SC 35

- regrets the decision by ISO TC159/SC4/WG10 in its "Recommendation 98: NP/TR 'alternative text'". Alternative text, as already defined in ISO/IEC 20071-11, is within the scope of ISO/IEC JTC 1/SC 35, which is currently making significant revisions to ISO/IEC 20071-11. It is inappropriate for ISO TC159/SC4/WG10 to proceed as it intends.
- asks ISO TC159/SC4 to require its WG 10 to cease work on this proposed work item.
- requests its Chair to contact the Chair of ISO/TC 159/SC 4 regarding this matter.

Unanimously approved

Resolution 2018-30: Liaison statement to ITU-T SG16 following WG5 meeting

ISO/IEC JTC 1/SC 35

- Requests ISO/IEC JTC 1/SC 35 Secretary to send the following liaison statement to ITU-T SG16 secretariat no later than 2018-09-07 (in response to ITU-T SG16, NDoc2852/SG16-LS 92)

ISO/IEC JTC 1/SC 35 thanks ITU-T SG16 Q21 and Q24 for their liaison statements regarding ISO/IEC 20382-1 Annex A and their interest in ISO/IEC JTC 1/SC 35 activities and projects. ISO/IEC JTC 1/SC 35 acknowledges the remarks made by ITU-T SG 16 to revise ISO/IEC 20382-1, Annex A. ISO/IEC JTC 1/SC 35 kindly asks ITU-T SG16 to review columns 2 and 3 of the attached table so that it can be circulated with the proposed modifications as discussed within WG 5 as an N document for consideration for the next revision of the document after the ISO systematic review. SC35 expresses strong willingness to strengthen its collaboration with ITU-T SG16.

Unanimously approved

Resolution 2018-31: Establishment of a liaison with ISO/TC 37/SC2, SC4 and SC5

ISO/IEC JTC 1/SC 35

- thanks Dr Christian Galinski for attending the SC 35 meeting to inform SC 35 of the shared interests of ISO/IEC JTC 1/SC 35 and ISO/TC 37/SC 2, SC 4 and SC 5.
- requests ISO/IEC JTC 1/SC 35 Secretary to take the necessary actions to establish liaisons with ISO/TC 37/SC 2, SC4 and SC5.
- appoints Dr Khalid Choukri as the SC35 liaison officer.

Unanimously approved

Resolution 2018.32: Future meetings

ISO/IEC JTC 1/SC 35 resolves to hold its future meetings as follows:

Date	Type	Location
2019-02-18/22	SC 35 and Working groups	Dublin, Ireland (tentative)
2019-07-29/08-02	TBD	Shanghai, China
2020-01-13/17	SC 35 and Working groups	Korea (tentative)
2020-Q3	GOM	TBD

Unanimously approved

Appreciations:

Appreciation to the presenters:

ISO/IEC JTC1/SC 35 thanks:

- Dr Yoshikazu Seki for his presentation and working draft on the "Revision of ISO/IEC 24786 "Accessible user interface for accessibility settings"
- Dr Pilar Orero for her presentation on "Easy TV"
- Dr Pilar Orero and Dr Mario Montagud for their presentation on "ImAc: Immersive accessibility"
- WG2 experts and in particular Pr.Em Ikeda for having presented the requested report recommending a choice of symbols and icons for language selection
- the following liaison officers for their reports:
 - Mia Ahlgren (CEN/CENELEC TC 12)
 - Simao Campos (ITU-T SG 16)
 - Pr Jim Carter (ISO/TC 159, ISO/TC 159/SC 1 ISO/TC 159, ISO/TC 159/SC 4, ISO/TC 173)
 - Dr Christian Galinski (ISO/TC 37)
 - Yuji Inoue (IEC/TC 124)
 - Alain Labonté (ISO/IEC JTC 1/SC2/WG2)
 - Dr Monique Mai (CEN/CENELEC-ETSI JWG e-Accessibility)
 - Pr Gottfried Zimmermann (ISO/IEC JTC 1/SC 36)

Appreciation to the hosts:

ISO/IEC JTC 1/SC 35 warmly thanks the Japanese hosts from JISC, ITSCJ and JBMIA for their hosting and budgeting, Mr Yuji Inoue (JBMIA), Mr Chikatoshi Higuchi (Okayama Convention Center) and Ms Tomoko Morikami (Okayama Visitors & Convention Association) for their local arrangements, and Mr Hideo Nakanishi (JBMIA) for his welcome address in the opening plenary.

ISO/IEC JTC 1/SC 35 sends best wishes to Mr Yoshihiko Nakano for a speedy and healthy recovery and anticipates his return to our future meetings and expects to take benefit of his usual valuable contributions.

Appreciation to the Convenors:

ISO/IEC JTC 1/SC 35 thanks Mr. Alain LaBonté (WG 1), Dr. Yoshikazu Yamamoto (WG 2 and WG 4), Mr. Thibault Grouas (WG 5), Pr. Jim Carter (WG 6) and Dr Jee-in Kim (WG 9) for their kind and excellent conduct.

Appreciation to the Convenors:

ISO/IEC JTC 1/SC 35 thanks the Chair Dr Khalid Choukri, and the Secretary Ms Mélissa Jean for their kind and excellent conduct and the effective management of the meeting.

Appreciation to the Drafting committee:

ISO/IEC JTC 1/SC 35 thanks Dr Jim Carter (SCC), Mr Alain Labonté (SCC), Dr Yoshikazu Seki (JISC), Dr Yoshikazu Yamamoto (JISC), Mr Thibault Grouas (AFNOR), Dr Monique Mai (AFNOR), Prof. Kim (KATS), Mr Hyuk Jeong (KATS), Mr Keld Simonsen (Sweden), Ms Wang Jing (SAC), Dr Hui Wang (SAC), Ms Ester Hedberg (SIS) and for their participation in the Drafting committee.

All appreciations adopted unanimously with applause