

ISO/IEC DIS 29500 BALLOT RESOLUTION MEETING

Geneva, 2008-02-25..29

FINAL, INFORMAL, UNPROCESSED NOTES OF THE MEETING

2008-02-29 17:05

*Red italics are used for actions, “decisions” (consensus or voted) and “resolutions”. The term “decision” does not include editing instructions, whereas the term “resolution” does. Therefore, **at the end of the BRM**, only the collection of all “Resolutions” duly resolved will remain significant.*

Numbers are used for “actions”.

Monday 2008-02-25

Locale

AU-28 (R 28)

AU: Add a Locale attribute of ST type to the F element.

Ecma: list of enumerated values (for Locale attr.?)

Resolution: the BRM approves the editing instructions contained in

*<http://www.itscj.ipsj.or.jp/sc34/def/BRM/AU28-draft.htm> as a replacement for R 28—**so resolved**.*

BE

Requests future convergence of all ISs in this area; no editing instruction for Edition 1.

Accessibility

CA-69 (R 119), 72 (R 120), 73 (R 121), 75 (R 91), 78

Accessibility for people with disabilities

Reference in R 91

Ecma: [openxmldeveloper/./OpenXMLAccessibilityGuidelines.aspx](http://openxmldeveloper.com/OpenXMLAccessibilityGuidelines.aspx), proposed for incorporation in future maintenance

CA: has submitted 12 pp of comments to these “Guidelines”, the response to which has generated more questions and comments from CA

R 119 (CA-69), R 120 (CA-72), R 121 (CA-73): have generated/will generate proposed additions to the “Guidelines”, which will be added before it is inserted into DIS

Draft Resolution: The BRM decides to accept the instructions contained in

http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CA-0075_and_CA-0078_Accessibility_Annex_V2.doc as a replacement for R 91; those in

http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CA-0072_Document_Navigation.doc as an addendum to R 120, which is accepted; those in

http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CA-0073_Image_Maps.doc as a replacement for R 121; those in

[http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_NZ-](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_NZ-0011_Table_Captions.doc)

[0011_Table_Captions.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_NZ-0011_Table_Captions.doc) as a replacement for R 94; and

those in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CA-0069_Labels.doc as an addition to R 119, which is accepted—

[so resolved](#).

BR-7 (R 42), compatibility with browsers

Resolution: The BRM accepts the proposed response to BR-7 contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_BR-0007_Web_Browsers.doc but with an addition which makes it clear that the list is open-ended and with a correct reference for each entry—[so resolved](#)

CN, Côte d'I: no editing instructions; CL, CO, Costa Rica absent

CZ-6 (R 16)

Resolution: The BRM accepts the proposed response to CZ-6 contained in

http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CZ-0006_ST_LangCode.doc as a replacement for R 16, but with the following change: column 2 of the first table shall be headed “Description (informative)” —[so resolved](#).

Decision: Legacy Language Identifier table shall be “transitional”—[so decided](#)

DK: no editing instructions beyond the Editor's proposed resolutions of DK's comments, which DK finds satisfactory, and would recommend the BRM to resolve to accept them.

EC-1 (R 1009): will support any acceptable solution to the **date** problem.

Unit of measurement

FI-10 (R 705)

Ecma: the goals of Edition 1 are satisfied by the granularity chosen; the improvement proposed should be worked out thoroughly during maintenance.

Resolution: The BRM accepts the editing instructions contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_FI-0010_measurements_v2.doc with "informal" being replaced by "informative", in replacement of R 364, R 19, R 705, R 362, R 620 and R 103—so resolved.

Resolution: Additionally, the BRM accepts the editing instructions contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_FI-0010_percentages.doc but with the following changes: throughout the text, add the specific Unicode value U+0025 for the percentage sign; and change all ranges to use the English words "from x up to and including infinity", "inclusive[ly]" "exclusive[ly]" etc.—so resolved.

KR objected to the above Resolution.

p. 9: 92.000 or the alternative, but not both

FR: wishes a distinction to be made in the standard between specifications for new OOXML docs and specifications for backwards compatibility ("deprecated"?), possibly by splitting into separate parts.

DE-28 (R 18), 30 (R 43) and a number of other NB comments: **dates**

DE and a number of NBs propose to use only ISO 8601 format, with a simple flag concerning what assumption about 1900 is implied (since only storage and not algorithmic treatment is concerned); US and many other NBs believe that backwards compatibility should be in an annex and deprecated; CH believes "ISO-8601-only" will not work because it is an oversimplification.

AU believes the ODF approach would be more effective.

Draft decision: The BRM decides to retain the `valIso`, `val`, `maxValIso`, `maxVal`, `refreshedDate` and `refreshedDateIso` attributes and mark `val`, `maxVal`, `refreshedDate` “transitional”—so decided.

ZA and DE opposed the above decision.

Resolution: The BRM resolves to accept the editing instructions contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_DE-0028_dates_v9.doc in replacement of R 18 and R 43, but with the following corrections: the words “ISO value” shall be replaced by the words “ISO 8601 value”; page 9, line 24 shall be restored and line 23 shall be marked “transitional”; and all changes—and choices among alternatives—rendered necessary by the Decision above shall be made—results of the vote: 19 in favour; EC, US, ZA against; JP, KR, IE, AU, BR, CN, NL, MX and GR abstained: so resolved.

GR-14 (R 80)

Resolution: In Part 4, 6.1.2.19, `equationxml`, p 4653, the Note shall reference “Recommendation MathML version 2.0”, not “Working Draft specification”—so resolved.

Ecma: The whole escaping mechanism is deprecated within the VML section.

BR: existence of the future Annex to contain VML is not yet certain.

CN: believes that much that is deprecated is actually derived from actual (past) implementations, and that the number of specifications which are deprecated should be limited.

GB: to improve the syntax as GR suggests may have knock-on effects which would cause damage.

Resolution: The BRM resolves to accept the editing instructions contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_GR-0014_equationxml.doc in replacement of R 80, but with the following change: the attribute proposed for removal shall be made into a “transitional” attribute instead of being removed, with a note making clear that the new mechanism is preferred—Adopted by consensus, with CZ, DE and JP dissenting.

IN-56 (R 472); see R 92:

Draft resolution (IN, BR): In R 92, p. 404, second para. of Proposed Disposition: accept the editing instruction constituted by the sentence beginning “Accordingly” but replacing the parenthesis by “(including those created by migrating existing binary documents)” and the word “should” by “shall”.

Resolution: The BRM accepts R 92 and R 992 with the changes to these responses contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/CA_Conformance_Class_Proposa_Draft3.doc with the extra sentence from Draft 4—so resolved.

Original CA proposal: “Deprecated” is renamed as “Class 2”, feature by feature. In addition to all the conformance conditions not involving Class 2 features, the conformance clause is modified so that a Class 1 conformant document shall only contain Class 1 features; a document containing one or more Class 2 features is a Class 2 conformant document.

Ecma: the attempt to translate a document containing deprecated features, into one without them, sometimes involves loss of information.

GB: A phased approach to the migration from deprecated features to the others is needed, including the possibility to write documents with deprecated features.

DE: would favour this phased approach only for unmappable (i.e. not perfectly mappable) features.

AU: two conformance levels (two classes to which conformity may be claimed): full OOXML and legacy OOXML?

IN, BR, CA, US, EI and any others will consult to describe the different cases of “deprecated”, to try and clarify the issues connected with legacy features. A draft resolution will be produced, for decision later in the BRM.

IE-2 (dates), 4 (ST_LangCode), 9 (Deprecation): already decided for more discussion (*action items: 7, 4, 11*) and resolution later in the BRM.

IE-10 (R 34, Compatibility settings):

Draft resolution: An informative Annex giving references to all deprecated features, including compatibility settings, will be inserted in the standard.

Draft resolution: The semantics for compatibility settings should be included in the body of WordProcessingML.

IE proposal:

Draft Resolution: Accept R 34 with the deletion of the sentence: “In addition, we will remove each of these settings (and all other application compatibility settings) from their current location in the specification (Part 4, §2.15.3, pages 1,368-1,487), and place them into a new annex for deprecated features”—rejected.

Resolution: The BRM resolves to accept R 34 with the change contained in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/IE-0010r.doc>—so resolved

IL-23 (R 729):

Previous resolution:

- p 1688, add to 1st bullet: Similarly, a run with rtl=0 shall not contain strong RTL characters

- p 1692 l 5: directionality → order
- p 1684, “bdo” → “dir” x 2 in box at top of page
- p 1692, l 4 of table: “bdo” → “dir”.

Resolution: The BRM decides to accept the changes contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_IL-0023_bidirectional_annex.doc in replacement for R 729—so resolved.

- five terms to express “right-to-left” (to be supplied by IL); replace by e.g. “rtlDisplay”
- p 1685 ff: ensure all features provided in x.2 to apply to x.3, x.4 and x.5—to be decided on Friday morning !!!

IT-2: would like to invite any NBs interested in this proposal to contact the IT delegation.

JP-40, 46:

Resolution: The BRM accepts the proposed response to JP-40 and JP-46 contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/JP-040_and_JP-046_OPC_Conformance_-_Revised_v3.doc, in amendment of R 224 and R 211 which are accepted—so resolved.

Previous draft: Accept the Conformance clause (clause 2) for Part 2 as specified in R 202 (DE-154) and R 992 (JP-27,28,29) with the following two modifications:

- 4th para to be repeated for data streams, i.e. add the following paragraph: “A data stream is defined to be of conformance class OPC if it satisfies all the conditions applicable to data streams listed in this Part.”;
- in 4th para, add “applicable to applications” in the relevant place.

KE: no editing

KR-18 to 24: proposal to remove components and/or separate them into different parts:

*Resolution: The BRM accepts the editing instructions contained in the section “ECMA: Proposal for Reorganizing DrawingML” of <http://www.itscj.ipsj.or.jp/sc34/def/BRM/KR-18-24-DrawingML-ECMA.doc> —so re-
solved.*

Resolution: The BRM accepts the editing instructions contained in the following three files: http://www.itscj.ipsj.or.jp/sc34/def/BRM/Part_1_of_5_Conformance.doc , http://www.itscj.ipsj.or.jp/sc34/def/BRM/Part_5_of_5_Conformance.doc and http://www.itscj.ipsj.or.jp/sc34/def/BRM/US-multi-part_proposal_final.doc; with the understanding that the Scopes may be changed in a later Resolution, and the fol-

Following changes: the proposed Part 4 (Primer) and the Annex covering accessibility guidelines shall become Annexes of the new Part 1; the following sentence shall be added after the sentence commencing “The Editor shall”: “The Editor is instructed to use ISO conformance language, ‘shall’, ‘should’ etc., in all normative text”—so resolved.

CA:

Resolution: Remove “(all parts)” from any reference in the text to ISO/IEC 10646:2003: so resolved.

MY-16: **Names**

No consensus emerged; a reformulation by MY remained possible.

Tuesday 2008-02-26

MX-3 (R 857), MX-6 (R 92)

Part of “deprecate” discussion? (*actions 10a, 11*). All of VML will be displaced into a (normative) (“deprecated”) Annex.

Resolution: the BRM accepts

*http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_MX-0003_VML.doc, as an amendment to R 92 which is otherwise accepted—**so resolved**.*

NL: no draft editing instructions or discussion points.

NZ-11 (R 94) Accessibility: five proposals

*Resolution: A reference to the W3C “WAI” document on accessibility shall be inserted by the Editor: **so resolved***

NO-1 (R 925), Scope

Draft resolution

Make the overall scope of ISO/IEC DIS 29500 the following:

“This International Standard defines a set of XML vocabularies for representing word-processing documents, spreadsheets and presentations. The goal of this standard is to represent faithfully the existing corpus of word-processing documents, spreadsheets and presentations that have been produced by Microsoft Office applications. It also specifies requirements for consumers and producers of Office Open XML.”

—result of the vote: for 10; against 13. **Rejected**.

*Resolution: The text “(from Microsoft Office 97 to Microsoft Office 2008 inclusive)” shall appear in Scope texts after the text “Microsoft Office applications”—votes in favour: 17; against: 6; abstentions: 9; **so resolved**.*

*Resolution: The BRM decides to accept the editing instructions contained in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/MultPartAndScope.doc>, ignoring everything after “Proposed resolution”, and with the following additions: a forward pointer to any terms defined elsewhere shall be used as necessary; and the text “(from Microsoft Office 97 to Microsoft Office 2008 inclusive)” shall appear after “Microsoft Office applications”—**so resolved**.*

FR opposed the above Resolution.

It was previously proposed to replace the Scopes of the various parts by the relevant re-edited versions of the following, :

“This International Standard defines a set of XML vocabularies for representing word-processing documents, spreadsheets and presentations. The goal of this standard is, on the one hand, to represent faithfully the existing corpus of word-

processing documents, spreadsheets and presentations that have been [previously?] produced by Microsoft Office applications (from Microsoft Office 97 to Microsoft Office 2008 inclusive) and, on the other hand, to facilitate extensibility and interoperability. It also specifies requirements for consumers and producers of Office Open XML.”

—.

Resolution: The BRM decides to instruct the Editor to incorporate an informative specification of the following, with a reference to it from the Scope:

- All XML elements which appear in ISO/IEC 29500 but do not appear in ECMA-376:2006
- All XML elements which do not appear in ISO/IEC 29500 but appear in ECMA-376:2006
- All XML attributes which appear in ISO/IEC 29500 but do not appear in ECMA-376:2006
- All XML attributes which do not appear in ISO/IEC 29500 but appear in ECMA-376:2006
- All enumeration values which appear in ISO/IEC 29500 but do not appear in ECMA-376:2006
- All enumeration values which do not appear in ISO/IEC 29500 but appear in ECMA-376:2006
- All simple types which appear in ISO/IEC 29500 but do not appear in ECMA-376:2006
- All simple types which do not appear in ISO/IEC 29500 but appear in ECMA-376:2006

—so resolved.

PL-3 (R 190): errors in XML examples

UK: found many genuine errors (beyond ellipses and the fragment-ness of the examples), and are willing to share the results of the software tool used to check XML.

Resolution: All examples throughout ISO/IEC DIS 29500 shall be well-balanced XML feasibly valid to the normative schemas, taking account of ellipses which may be used to shorten examples. The Editor is instructed to make these corrections, for checking by ITTF—so resolved.

PT-60 (R 98):

Resolution: The BRM accepts the editing instructions contained in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/PT-60A2.doc> as modifications to R 93, R 98, R 78, R 80, R 82 and R 100, which are otherwise accepted except as modified in other Resolutions; with the following changes: the MIME type of text shall be given as “text/plain” and the MIME type of HTML shall be given as “text/html”; and “Open

XML Math” shall be replaced with a reference to the appropriate part of this specification—so resolved.

CA and CZ objected to the above Resolution.

Resolution: The BRM accepts the editing instructions contained in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/PT-60B2.doc> —so resolved.

ZA-6 (R 6)

Restructuring into parts (“deprecated”, Primer): there should be a clear Scope for any (new) Part decided.

Ecma: R 6 gives a road map (overall architecture) of the Parts proposed.

ZA: believes R 6 is not precise enough and requests clear instructions to the Editor to be generated. (The proposed treatment of the Primer is acceptable.)

US: is already working with BR, KR & Ecma on this problem, and would be glad to involve other NBs: what new structure (Parts),

AU: R 6 meets AU’s requirements already, and AU proposes to accept it (for now).

The BRM decided that ISO/IEC DIS 29500 would be split into multiple Parts (29500-1, 29500-2, 29500-3 etc.). Conformance criteria needed to be clearly stated for each Part.

BR objected to the above decision.

Proposed: The proposal in R 6 for 29500-1, 29500-2 and 29500-3 is accepted in principle. A Resolution must be drafted to describe precisely what is in each Part (including the Primer, “deprecated” features, conformance classes, etc.), and conformance must be clearly stated for each Part.

CH-17 (R 43)

Dates settled in a previous Resolution.

GB-182 et al (R 135): bit masks for values

Proposal: change from bit fields to XML elements, except for fonts (which follow the relevant ISO standard).

DK: supports

Resolution: The BRM decides to accept the editing instructions contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_0135_bitfields.doc in place of R 135, replacing “deprecated” by “transitional”, and with the following addition: The Editor shall ensure that all existing attributes defining the bitfields described above shall be “transitional” —so resolved.

US-75 (R 65): enumeration formats (Part 4):

Resolution: The BRM decides to accept the instructions contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_US-0075_numbering.doc as a replacement for R 65, replacing in lowerLetter and upperLetter descriptions the word “language” with “script” and striking out the word “modern”—so resolved.

AU-12 (R 9):

The repetition of complex type declarations in Part 4 introduces errors and gives duplicate and redundant normative text.

CA: some constraints may not be present elsewhere; even if they are, more work may be involved in looking them up if they are not included in line.

Resolution: ISO/IEC DIS 29500 shall be changed so that the XML schemas are normative. The schemas shall be contained in a normative Annex and shall be line-numbered—so resolved.

Resolution: No part of the schemas shall be repeated normatively in the body text. The body text shall refer to schema constructs by: Annex number, clause or sub-clause number, and declaration name; and by the line number for convenience—so resolved.

CA objected to the above resolution.

Draft resolution: No part of the schemas shall be repeated in the body text—results of the vote: 7 for, 19 against—*rejected*.

IL: same applies to descriptions of complex types: will be dealt with when separately raised.

BE

CA-64 (R 84)

Non-XML characters

CA Proposal: inclusion of non-XML characters should be “deprecated” (or equivalent)

BR proposal: OPC should be only method used for binary encapsulation.

Ecma: agrees with BR; word “binary” should be deleted; only strings are intended. Agrees with CA to “deprecate”.

CA: software can easily make sure that no such characters are written; future standard should guarantee this.

Ecma will propose a definition of “new document”, as in “A new document shall not be created using deprecated features; only revision of an existing document may do this.” !!!!

Resolution: The BRM accepts the editing instructions contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CA-0064_escaped_characters.doc in addition to R 84—so resolved.

BR-43 (R 74) (related to CA-41): securityDescriptor

Resolution: The BRM accepts the editing instructions contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/CA-041_BR-043_Security_Descriptor.doc in replacement of R 74, but changing maxOccurs of the securityDescriptor element from 255 to unbounded—so resolved.

CZ-53 (R 41)

Resolution: Adopt the modified disposition in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/CZ-0053-corrected.pdf> in replacement of R 41, and also correct in the same way all other occurrences of UTF-16 in the context of serializing Unicode strings for cryptographic operations—so resolved.

Resolution: The BRM accepts¹ the new text contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CZ-0053_hashing.doc —so resolved.

ZA: The hash algorithm should be improved in spite of the desire to guarantee backwards compatibility.

DK, US: The hashes actually stored in legacy documents must be able to be dealt with in some fashion

CA: Any use of an unsatisfactory hash, including that stored in a legacy document, raises incorrect expectations as to the document’s integrity, and so it should be omitted totally.

DK: It would be even worse if the spec mentioned nothing. Whether false expectations are set is up to the application.

CA: With the two sets of attributes the following may be the correct solution: when there is no algorithm name and the attributes are transitional ones, apply the legacy algorithm; if the attributes are strict ones the algorithm name must be specified.

¹ Note possible interference with R 102. !!!!

US: Clarify strict vs transitional; default hash; thoroughly check this redesign. The issue is not a security one for the document (which is not protected), but only to protect the unencrypted version of the password itself.

ZA, CA, DK, US will work on this, for possible solution before Friday 17:00.

DK

Resolution: With respect to “compatibility settings” the BRM accepts the Editor’s proposed editing instructions on this subject² as captured by responses 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133 and 34, but additionally the Editor shall include a bi-directional cross-reference between the legacy compatibility settings and the new compatibility settings element—so resolved.

BR objected to the above resolution.

EC-1

Wishes to consider a text from GR on dates, and will work with GR off-line.

FI-6 (R 21)

R 21 raises a question on redundancy of complex type attribute descriptions:

Resolution: The BRM decides to accept the instructions contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_FI-0006_repeated_complex_types.doc as an addition to R 21 which is otherwise accepted—so resolved.

FR has no items it wishes to have discussed currently.

DE-150 (R 140), 161

Ecma is willing to remove this feature

Resolution: The BRM decides to accept the instructions contained in http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_DE-0150_alternative_format_import_part.doc as a replacement for R 140, with the following changes: the MIME types shall be corrected as in the relevant previous resolution—so resolved.

CZ opposed the above Resolution.

US:

Delete lines 15-17 of page 28 of ISO/IEC DIS 29500 (Part 1, 11.3.1)

² If the text is not by another Resolution, the editing instructions are to apply to the text in its current place.

UK:

GR-92 (R 93)

GR: extra functionality provided by OO Math Markup Language can better be implemented as a separate namespace vocabulary in MathML, rather than as an incompatible self-contained specification as is contained in ISO/IEC DIS 25900

AU: elements not allowed by the schema being used are not possible in MathML v3 (schemas specify the elements they will allow, and if this is a closed set—no wildcard—then foreign elements will be illegal).

Ecma: MathML is not designed to be extended (as confirmed by W3C), and the OOXML solution was proposed for that reason.

ZA: OO MML is a large innovation, so an approach such as that suggested by GR would have merit.

CA: accessibility remains important, as much for OXML as for MathML, and CA is willing to work with others to advance this in the future.

IN-51 (R 973)

Ref. to external web site: ISO/IEC JTC 1 Directives and ITTF policy cover this, and the required specification will be and remain publicly available to users of International Standards.

IE-9 (R 92)

Continued compliance of legacy documents once future editions of OOXML are published (which presumably lose “deprecated” features).

CA: has some text concerning conformance classes which will be proposed when ready.

US: the corpus using “deprecated” features will continue to exist, and will continue to be conformant, because NBs will probably decide to retain the legacy features in future editions of ISO/IEC 29500.

MX: Legacy documents may be conformant to a specific part of 29500, which exists precisely to cover the existing corpus before edition 1 of 29500.

Wednesday 2008-02-27

Editorial: list provided by the Convenor

*Resolution: The following responses are accepted and the corresponding editing instructions are issued to the Editor with the additional notes given at the end: 104, 171, 193, 197, 217, 218, 219, 242, 250, 253, 259, 260, 262, 275, 277, 278, 281, 297, 298, 314, 320, 321, 360, 367, 381, 382, 395, 398, 399, 400, 401, 404, 406, 407, 408, 420, 437, 442, 443, 446, 449, 451, 455, 456, 457, 459, 460, 478, 487, 488, 496, 513, 518, 520, 523, 524, 525, 527, 528, 547, 549, 560, 561, 563, 565, 608, 611, 632, 637, 638, 639, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 677, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 737, 739, 740, 768, 814, 825, 827, 851, 852, 868, 873, 881, 896, 912, 916, 919, 922, 941, 984. In R 651, “when” shall be deleted. In R 739 and R 768 the NB proposed change shall be implemented. The change described in the NB proposed change in R 768 shall also be made in 2.16.5.44 and 2.16.5.45. In R 941 only the change from “contain” to “have” shall be made—**Approved by consensus with three NBs opposed: BR, MY, ZA.*

Three priority issues: dates; conformance classes incl. “deprecation”; restructuring (linked to previous item).

Ecma update on ongoing tasks

Discussion on treatment of all responses which will not have been discussed by the end of the BRM: the Convenor presented four options.

Draft Resolution “Option 1”: The BRM decides to accept and implement all the dispositions of comments proposed by the Editor (“Responses”) which have not been explicitly accepted or rejected by the BRM in other ways (list enclosed)—no consensus.

Draft Resolution “Option 2”: The BRM decides to reject all the dispositions of comments proposed by the Editor (“Responses”) which have not been explicitly accepted or rejected by the BRM in other ways (list enclosed)—no consensus.

Option 3 received no significant support.

Option 4 was modified in discussion (Option 4 prime).

Resolution “Option 4 prime”: The BRM decides to use the following form to decide, by majority voting, on each disposition of comments proposed by the Editor (“Re-

sponse”) which has not been explicitly accepted or rejected by the BRM in other ways (final list enclosed at the end of the meeting). A simple majority of “Accepted”s of the votes on that “Response” will be required to implement each Response; abstentions are not counted. In the event of a tie on a “Response”, no editing instruction will result from that “Response”—results of the vote: 29 in favour; none against; two abstentions (DE, BE): **approved**.

Responses mentioned / decided upon in the BRM:

Thursday 2008-02-28

Two rounds of review of all, and adoption of some, outstanding draft resolutions.

IL-31, IL-27, IL-4, IL-1, IL-19

*Resolution: The BRM accepts the instructions contained in the five files:
<http://www.itscj.ipsj.or.jp/sc34/def/BRM/IL-0001-Mati.doc>
<http://www.itscj.ipsj.or.jp/sc34/def/BRM/IL-0004-Mati.doc>
<http://www.itscj.ipsj.or.jp/sc34/def/BRM/IL-0019-Mati.doc>
<http://www.itscj.ipsj.or.jp/sc34/def/BRM/IL-0027-Mati.doc>
<http://www.itscj.ipsj.or.jp/sc34/def/BRM/IL-0031.doc> with the following change: example 2.18.44 shall be updated in an identical manner to example 2.3.1.13; as a modification to the relevant Responses which are otherwise accepted—so resolved.*

IT: on a BE comment (R 44): proposal to come

JP:

Resolution: The BRM accepts R 344—so resolved.

R 229, R 634—JP & Ecma

*Resolution: The BRM accepts R 634 and the instructions in
http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_JP-0070.pdf—so resolved.*

CL-108 (R 147)

How many /e switches are allowed? Arbitrarily many (like all switches).

Resolution: The BRM accepts R 147—so resolved.

MY-15 (R 30)

Resolution: The BRM accepts the editing instructions in the section “Option 2” contained in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/MY-0015-CEILING-Response-30-v9.pdf> as a replacement of R 30—so resolved.

MX-1 (R 231)

*Resolution: The BRM adopts R 973, and the instructions contained in
http://www.itscj.ipsj.or.jp/sc34/def/BRM/MX-0001_ZIP_compression_Proposal.doc
as a replacement of R 231—so resolved.*

NL: none to discuss.

NZ-6, NZ-12, NZ-14, NZ-15, NZ-52: document to be available early evening Thursday

NO:

R 425, R 624, R 977: object linking.

Draft Resolution: The BRM accepts R 425, R 624, R 977—intended to be decided on Friday a.m.

Friday 2008-02-29

Discussions and approval/rejection of various draft resolutions.