ISO/IEC JTC 1/SC 22/WG 23 N 0364

Meeting Notes, SC 22 Plenary, 19-20 September 2011

Date	20 September 2011
Contributed by	Jim Moore
Original file name	Meeting Notes.docx
Notes	

Meeting Notes
SC22 Plenary, 19-20 September 2011

Recorded by Jim Moore, James.W.Moore@ieee.org

MITRE attended the plenary meeting of ISO/IEC JTC 1/SC 22 as the Secretary of SC22's working group 23. The meeting agenda, with some corrections, is shown below. Comments on selected items are interspersed.

ISO/IEC JTC 1/SC 22 N 4673
TWENTY FOURTH PLENARY MEETING OF ISO/IEC JTC
1/SC 22
Copenhagen, Denmark
19 -20 September 2011
1. OPENING OF PLENARY MEETING
09:00 hours, Monday, 19 September 2011
2. CHAIRMAN'S REMARKS
3. ROLL CALL OF DELEGATES
Japan, Canada, Netherlands, Denmark, Spain, UK, US
4. APPOINTMENT OF DRAFTING COMMITTEE
5. ADOPTION OF THE AGENDA
DOCUMENT: SC 22 N 4673
6. REPORT OF THE SECRETARY
DOCUMENT: SC 22 N 4637, SC 22 N 4632
6.1 SC 22 Project Information
DOCUMENT: SC 22 N 4638

6.2 Proposals for New Work Items within SC 22

6.3 Outstanding Actions From the Twenty Second Plenary of SC 22

DOCUMENT: SC 22 N 4572

6.3.1 Update on Action Items – M. Peacock

6.3.2 JTC 1/SC 22 and Austin Joint WG – SC 22 Chairman's Report - R. Jaeschke

DOCUMENT: SC 22 N 4639

When WG15 was disbanded, we created a POSIX Advisory Group to handle its business. IEEE and Austin Group provided organization representatives. Document N4639 proposes a way forward:

- Disband the POSIX Advisory Group
- Appoint organizational representatives to the Austin Group.

7. ACTIVITY REPORTS

7.1 National Body Reports

DOCUMENTS: SC 22 N 4655 (Japan), 4657 (Netherlands), 4659 (UK)

The UK hopes to be able to reform the C panel soon.
The US noted that they had submitted a National Body report that is not included in the agenda. The secretary asked them to resubmit it.

7.2 External Liaison Reports

7.2.1 Ecma International (R. Jaeschke)

DOCUMENT: SC 22 N 4650

- ECMA Script: ECMA adopted a new edition that has completed fast-track, ISO/IEC 16262:2011. SC22 will draft a resolution for free availability.
- No activity on the C# language, 23270:2006
- CLI: Next week, there will be a BRM on fast-track which will result in 23271:2011.
- Eiffel: Revision is still in progress.

7.2.2 Linux Foundation (N. Stoughton)

Steve Michell (Canada) pointed out that there has been no report in several years and that status as a PAS submitter has expired; perhaps we should drop them as a liaison. Simonsen volunteered to be an additional liaison representative. The chair will investigate.

7.3 Internal Liaison Reports

7.3.1 Liaison Officers from JTC 1/SC 2 (M. Ksar)

DOCUMENT: SC 22 N 4669

ISO/IEC 10646:2011 (2nd edition) was published. They are balloting a third edition while preparing an amendment for the third edition. A new sorting standard, 14651, is near publication.

7.3.2 Liaison Officer from JTC 1/SC 7 (J. Moore/K. Ogawa)
DOCUMENT: SC 22 N 4654

Ogawa has retired; that's why he is not listed as a liaison to SC22. The chair suggests that our resolution naming a liaison to SC7 should drop Ogawa also. Keaton suggests that Seacord might want to participate in the embedded system study group.

7.3.3 Liaison Officer from ISO/TC 37 (K. Simonsen)
DOCUMENT: SC 22 N 4660

7.3.4 Liaison Officer to JTC 1/SWG-Directives (S. Michell)

The committee met a few weeks ago. The parent groups are trying to reduce the period of time required by DIS ballots. (Since JTC1 does not translate documents, they might be permitted to use a 3-month period.) The parents would like to reduce CD ballots to two months. (The default period in the balloting system is now two months.)

Standing documents will have to be enumerated so that it can be ensured that they do not contradict the directives. SC22 has one standing document.

An updated version of the merged directives should be published within the next few weeks. Some material has been moved from the JTC1 Supplement to standing documents.

Discussion of permitting Excel spreadsheets for commenting is ongoing.

On the JTC 1 website, there is a "Forms" folder containing things like NWIP forms. (JTC 1, ISO and IEC each have a different form.)

There has been some clarification of how to perform ballot resolution for fast-track and PAS. The BRM can make small changes and then conduct an FDIS ballot.

Steve believes that the idea of creating a new class of documents by SWG-Accessibility is a ploy to get rid of freely available technical reports and standards.

We may get a revised set of Directives in January.

7.3.5 Liaison Officer to JTC 1/SWG-Smart Grid (T. Plum)

No formal report. The intended home for this work is probably in IEC. It's unclear if JTC 1 will be able to play any meaningful role.

7.4 Reports from SC 22 Subgroups

7.4.1 SC 22 Advisory Group for POSIX (S. Walli)

7.4.2 Austin Joint Working Group (A. Josey)
DOCUMENT: SC 22 N 4651

Canada is concerned that 14515-1 and 15287 may have fallen out of step with the base documents. Since these are now up for systematic review; Canada would like the liaison to provide us with information concerning their status.

7.5 Report on JTC 1 Activities and Requests for Input

7.5.1 JTC 1/SWG-Directives (S. Michell)
DOCUMENT: SC 22 N 4612, 4672

(See 7.3.4.)

7.5.2 JTC 1/SWG-Smart Grid (T. Plum)

(See 7.3.5)

7.5.3 Other JTC 1 Items (R. Jaeschke/M. Peacock)

Next plenary is November in San Diego.

8. WORKING GROUP BUSINESS PLANS AND REPORTS

(Written reports to be submitted by Conveners before presentation. Presentation up to 15 minutes. Reports for this Plenary will include the Business Plan required by JTC 1.)

8.1 WG 4 - COBOL (W. Takagi)

DOCUMENT:

8.2 WG 5 - FORTRAN (J. Reid)

DOCUMENT: SC 22 N 4642

The Technical Report on Further Interoperability with C has already been extended twice and is now in PDTR ballot. DTR ballot is anticipated for later in 2011.

8.3 WG 9 - Ada (J. Tokar)

DOCUMENT: SC 22 N 4643

WG9 hopes to provide an Ada annex and a SPARK annex by the end of September.

8.4 WG 11 - Binding Techniques (W. Wakker)

DOCUMENT: SC 22 N 4644

They want to transfer the work on Language-Independent Datatypes to SC32/WG2.

8.5 WG 14 - C (J. Benito)

DOCUMENT: SC 22 N 4645

8.6 WG 16 - Lisp (T. Yuasa)

DOCUMENT: SC 22 N 4646

8.7 WG 17 - Prolog (J. Hodgson)

DOCUMENT: SC 22 N 4647

8.8 WG 21 - C++ (H. Sutter)

DOCUMENT: SC 22 N 4648

8.9 WG 23 – Programming Language Vulnerabilities (J. Benito)

DOCUMENT: SC 22 N 4649, 4670

I presented N4670 regarding code signing. A New Work Item Proposal was balloted last year and failed because only four (short of the required five) nations agreed to participate. Since then we have revised the NP and created a preliminary working draft. I discussed our response to comments made in the last

ballot. I said that the revised NP would be submitted soon and appealed to national bodies to agree to participate. I mentioned Japan, Netherlands, and UK as having specific expertise that would be helpful to the project.

There were lots of suggestions about existing technology. Generally, I responded by asking people to either write a note to us or vote to participate in the project. Rex mentioned some technology in SC 29 and SC 34.

9. PROJECT EDITOR REPORTS

9.1 Linux Standards Base (N. Stoughton)

DOCUMENT:

9.3 POSIX (A. Josey)

DOCUMENT: SC 22 N 4652

9.2 ECMAScript (Allen Wirfs-Brock)

DOCUMENT:

Rex's earlier report, N4650, dealt with this item and the 3 items below.

9.4 C# Language (R. Jaeschke)

DOCUMENT:

9.5 CLI (J. Marcey)

DOCUMENT:

9.6 Eiffel (B. Meyer)

DOCUMENT:

9.7 PL/I (J. Klensin)

DOCUMENT: 9.8 CHILL

9.9 PASCAL (T. Hetherington)

DOCUMENT: SC 22 N 4653

9.10 M (K. Schell)

DOCUMENT: SC 22 N 4656

9.11 PCTE

9.12 JEFF

9.13 FORTH (J. Rible)

10. ITEMS FOR DISCUSSION

10.1 SC 22 Business Plan

DOCUMENT:

10.2 Plenary Organization & Attendance Contribution from Canadian National Body

DOCUMENT: SC 22 N 4668

11. SC 22 ADMINISTRATIVE ISSUES

11.1 Review of Five-Year Meeting Schedule
10-11 September 2012 IEC, Geneva, Switzerland

Rex has offers from Asia-Pacific region in 2013 and from Europe in 2014 and 2015. David Keaton (US) expressed interest in hosting in 2016.

11.2 Review of Non-Progressing SC 22 Projects
11.2.1 Cancellation of ISO/IEC 10967-2 and -3

The Secretary pointed out that these projects will be cancelled automatically. However, it was decided to cancel them explicitly.

11.3 Officer Appointments/Re-appointments/External and External Liaison Officers
11.3.1 WG 5 Fortran – J. Reid (UK)
DOCUMENT: SC 22 N 4640
11.3.2 WG 14 C – J. Benito (US)
DOCUMENT: SC 22 N 4630
11.3.3 WG 17 Prolog – J. Hodgson (US)
DOCUMENT: SC 22 N 4631
11.3.4 WG 23 Vulnerabilities – J. Benito (US)
DOCUMENT: SC 22 4632
11.3.5 POSIX Advisory Group – S. Walli (U.S.)
DOCUMENT:

This appointment was not made.

11.3.6 Ecma International (R. Jaeschke)
11.3.7 Linux Foundation (N. Stoughton)
11.3.8 Austin Joint Working Group (A. Josey)
11.3.9 Liaison Officers from JTC 1/SC 2 (M. Ksar)
11.3.10 Liaison Officer from JTC 1/SC 7 (J. Moore/K. Ogawa)

We removed Ogawa from this position as he has retired. We also appointed Moore as liaison fro SC 27.

11.3.11 Liaison Officer from ISO/TC 37 (K. Simonsen)
11.3.12 Liaison Officer to JTC 1/SWG-Directives (S. Michell)
11.3.13 Liaison Officer to JTC 1/SWG-Smart Grid (T. Plum)
11.4 WG 11 and WG 16 Disbandment
DOCUMENT: SC 22 N 4572

These WGs were disbanded.

11.5 Review of Project Editor Endorsements

11.6 Standards for 2011 Periodic Review

ISO/IEC IEEE 9945:2009, Information technology – Portable Operating System Interface (POSIX) Base Specifications, Issue 7

ISO/IEC 11404:2007, Information technology -- General-Purpose Datatypes (GPD)

ISO/IEC 13568:2002, Information technology -- Z formal specification notation -- Syntax, type system and semantics

Canada wants to stabilize this standard. It was agreed.

ISO/IEC 13816:2007, Information technology -- Programming languages, their environments and system software interfaces -- Programming language ISLISP

ISO/IEC 15145:1997, Information technology -- Programming languages -- FORTH

Canada wants to stabilize this standard. It was agreed.

ISO/IEC TR 19768:2007, Information technology -- Programming languages -- Technical Report on C++ Library Extensions

ISO/IEC 20970:2002, Information technology -- Programming languages, their environments and system software interfaces -- JEFF file format

Canada wants to stabilize this standard. It was agreed.

ISO/IEC 24716:2007, Information technology – Programming languages, their environments and system software interfaces – Native COBOL Syntax for XML Support

ISO/IEC TR 24731:2007, Information technology – Programming languages, their environments and system software interfaces – Extensions to the C Library – Part 1: Bound-checking interfaces

12. OTHER BUSINESS

12.1 Status of JTC 1 Project Editor Email Distribution List

JTC1 has created a mailing list of all JTC1 editors. However no forum for discussion has been created.

12.2 SC 22 Standing Document on Procedures
DOCUMENT: SC 22 SD 1

We have one standing document; it is available on the website and lists rules we have imposed upon ourselves.

12.3 Status Report on RUBY

The report was made by Yoshida-san. JIS X30-17 was published this year in Japan and forwarded for fast-track as ISO/IEC 30170. Voting closed 6 September; it received a 100% approval. Only Japan made comments. Japan would like to skip having a Ballot Resolution Meeting. Sally said that Japan can circulate a proposed disposition and ask if a BRM is needed. Because the proposed change is substantive, an FDIS ballot will be required.

JIS will keep a working group in place in IPA and will accept responsibility for maintaining the standard. He invited other nations to provide members of the IPA working group.

(Yoshida-san made a point of thanking me for Jim Johnson's presentation at the Ruby conference.)

12.4 ISO Teleconference and Web Conferencing Training

12.5 Endorsement of Jaeschke for a Second Three-Year term as Chairman

This was agreed without objection.

13. APPROVAL OF RESOLUTIONS AND STATEMENT OF RESULTS

Draft resolutions were distributed for review. We go through the resolutions and make corrections. Important items are noted below:

- Resolution 11-02 authorizes the Secretariat to circulate NP and WD for code signing.
- WG11 (language-independent interfaces) was disbanded.
- WG16 (LISP) was disbanded.
- POSIX Advisory Group was disbanded, but we retained some liaisons and organizational representatives to appropriate groups.
- Requested free availability of new ECMAScript standard.
- Appointed me as liaison to SC 7 and to SC 27.
- Benito was reappointed as convener of WG14 and WG23.
- Rex Jaeschke was endorsed for a second three-year term as chair of SC22.
- For several standards (including TR 24731-1), we recommended reconfirmation, but for JEFF, Z, FORTH, we recommended stabilization.
- It was agreed that web conferencing should be provided for future SC22 plenary meetings. It was agreed to schedule a "training" meeting of SC 22, using electronic methods, in May or June of 2012.
- It was noted that appropriate forms, including NP forms, are located in the forms folder of the JTC1 eCommittee website.
- The 2012 plenary meeting of SC22 is scheduled for 10-11 September 2012 in Geneva.

14. ADJOURNMENT (no later than 1600 hours, 4 PM, Tuesday, 20 September 2011)

Action Item from meeting: Send preliminary WD for code signing to SC 22 Chair.