ISO/IEC JTC1/SC22/WG9 N 623

Detailed Agenda

Meeting #82 of ISO/IEC JTC 1/SC 22/WG 9

Monday, 20 September 2021 (virtual only)

The next meeting of WG 9, meeting #822, will be held Monday 20 September 2021, virtually. The meeting is scheduled for 16:00 UTC (12:00pm Eastern US) to 19:00. Per ISO guidance, the meeting will be strictly virtual due to the COVID-19 pandemic.

Remote access to the conference is available via the following WebEx link:

Meeting link:

https://adacore.webex.com/adacore/j.php?MTID=md7632329f0902f4e84b80998b9d55b9e

Meeting number: 2343 736 6009

Password: Ada

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Opening Orders, Meeting Convenor

Introductions and Reports

Liaison Reports and Introductions

- Ada Europe: Dirk Craeynest
- SIGAda: Drew Hamilton
- WG 23:   Erhard Ploedereder
- Fortran: Van Snyder

Convenor's Report

Project Editor Reports (as needed)

- IS 8652:   Steve Baird and Randy Brukardt
- IS 15291:   Bill Thomas and Greg Gicca
- TR 15942:   Alejandro Mosteo
- IS 18009:   Erhard Ploedereder
- TR 24772-2: Joyce Tokar
- TR 24772-6: Stephen Michell, Erhard Ploedereder, Tullio Vardanega

Rapporteur Group Reports (as needed)

- Report of Ada Rapporteur Group: Steve Baird, Chair
- Report of Annex H Rapporteur Group: Joyce Tokar, Chair

Opening Orders

Call to Order

Appointment of Meeting Secretary

ISO Code of Conduct (CoC) review

Welcome and Administrative Arrangements

Approval of the [Agenda](#)

Approval of [N617](#): Meeting #81 Minutes.

Reports and Introductions

Austria – Johann Blieberger (HoD)

Canada – Brad Moore (HoD)

Finland – Niklas Holsti (HoD)

Italy – Tullio Vardanega (HoD)

Portugal – Luis Miguel Pinho (HoD)

Spain – Alejandro Mosteo (HoD)

Switzerland – Nicholas Kaethner (HoD)

UK – Jeff Cousins (HoD)

USA – Tucker Taft (HoD)

Guests – ?

Liaison Reports and Introductions

Ada Europe – Dirk Craeynest
SIGAda – Drew Hamilton
WG 23 – Erhard Ploedereder
Fortran, INCITS/PL22.3 – Van Snyder (apologies)

Convenor's Report
Activities since the Last Session

At the Plenary this past August, SC 22, the ISO parent body for WG 9, formally approved the project to replace the Ada standard with our new revision. That means that the revision is now in the hands of SC 22. They will handle the balloting and movement through the project life-cycle phases toward publication.

SC 22 approved our request for the quickest development project possible, with an additional shortcut of starting at a later stage (the Draft International Standard stage).

The process will require 20 weeks in the ideal case, resulting in publication in mid-January of next year. However, we have been advised to expect the ISO editorial staff to require extensive layout changes, as the ARG report has mentioned. We need to decide how to address these requested changes, if and when they arrive.

Note that part of "going as planned" is that there are no requests for technical changes during the SC 22 balloting. Any such requests will extend the project completion time significantly.

Project Editor Reports (as needed)

IS 8652 (Information Technology--Programming Languages - Ada) (Steve Baird, Randy Brukardt)

IS 15291 (ASIS) (Bill Thomas, Greg Gicca)

TR 15942 (Guidance for the Use of Ada in High Integrity Systems) (Alejandro Mosteo)

IS 18009 (Conformity Assessment of an Ada Language Processor) (Erhard Plödereder)

TR 24718 (Guide for the Use of the Ravenscar Profile in High Integrity Systems) (Alan Burns)

TR 24772 (Guidance to avoiding vulnerabilities in programming languages – Vulnerability descriptions for the programming language Ada) (Joyce Tokar)

TR 24772: (SPARK Part of Programming Language Vulnerabilities) Stephen Michell, Erhard Plödereder, Tullio Vardanega

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Rapporteur Group Reports (as needed)

Rapporteur Report ARG

Rapporteur Report HRG

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Open Action Items and Unimplemented Resolutions

This is the "To Do" list for WG 9. Some are informal action items assigned to various participants. Some are formal resolutions, which are not yet implemented. Some items are simply in suspense awaiting action by other groups.

AI-78-3: WG 9 members should individually prepare to discuss WG 9 work items after delivery of Ada 202x. Examples could include: additional activities for the HRG along reliability and security lines; co-joining efforts with the real-time workshops in order to produce standards-related documents; adoption of SPARK and its environments into the WG9 scope.

Status: Open

AI-80-2: All WG 9 members to review the SPARK Part after the Ada RM informal review completes. Steve Baird to initiate the effort. Report by September meeting. Tucker and Pat volunteer.

Status: Done

AI-81-1: Pat to update N612 to reflect latest process for creating/submitting the Ada DIS.

Status: Done

AI-81-2: Pat to request the new project approval at the SC 22 Plenary.

Status: Done

AI-81-3: Pat to get the WG 9 documents transferred to the ISO Documents facility.

Status: Open

AI-81-4: Steve to stand up the SPARK Part review team, with a report by the September meeting.

Status: Done

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Committee as a Whole

1. Review of options regarding ISO formatting changes

[AGENDA](#)

Unfinished Business

[AGENDA](#)

New Business

[AGENDA](#)

Scheduling of Future Meetings

[AGENDA](#)

Review of New Action Items

[AGENDA](#)

Final Consideration of Resolutions

[AGENDA](#)

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References

See http://www.open-std.org/jtc1/sc22/wg9/documents.htm for the WG 9 Document Log, including the ability to download the documents.