ISO/IEC JTC1/SC22/WG9 N 606

Detailed Agenda
Meeting #78 of ISO/IEC JTC 1/SC 22/WG 9
Friday 12 June, 2020

The next meeting of WG 9, meeting #78, will be held Friday, 12 June, 2020. Per ISO guidance, the meeting will be strictly virtual due to the COVID-19 pandemic. The meeting is scheduled for 14:00 to 17:00 UTC.

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

Meeting link:
https://adacore.webex.com/adacore/j.php?MTID=m14e016926c81f99a6cc4601ff73ebc26

Meeting number: 710 172 531
Password: WG9

AGENDA

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: Jeff Cousins, Ed Schonberg, and Randy Brukardt
- IS 15291: Bill Thomas and Greg Gicca
- TR 15942: Ben Brosogl
- IS 18009: Erhard Ploedereder
- TR 24772: Joyce Tokar
- TR 24772: 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
Review of Open Action Items and Unimplemented Resolutions

Committee as a Whole

Unfinished Business

New Business

Scheduling of Future Meetings

Review of New Action Items

Final Consideration of Resolutions

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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 N604: Meeting #77 Minutes.

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Reports and Introductions

Guests – ?

Canada – Brad Moore (HOD)

Italy – Tullio Vardanega (HOD)

Portugal – Luis Miguel Pinho (HOD)

Spain – Juan Antonio de la Puente (HOD)

Switzerland – Nicholas Kaethner (HOD)

UK – Jeff Cousins (HOD)

USA – Tucker Taft (HOD)
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Liaison Reports and Introductions

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

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Convenor’s Report
Activities since the Last Session

Meeting Objectives

The major objectives for this meeting are:

1. Ada 202x Review and Prototyping Status
2. WG 9 Meetings
3. Develop Technical Reports or Standards improving the Ada libraries

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Project Editor Reports (as needed)

IS 8652 (Information Technology--Programming Languages - Ada) (Jeff Cousins, Randy Brukardt)
IS 15291 (ASIS) (Bill Thomas, Greg Gicca)
TR 15942 (Guidance for the Use of Ada in High Integrity Systems) (Ben Brosbol)
IS 18009 (Conformity Assessment of an Ada Language Processor) (Erhard Ploedereder)
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 Ploedereder, Tullio Vardanega

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Rapporteur Group Reports (as needed)

Rapporteur Report ARG
Rapporteur Report HRG
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-76-1:** Tullio and Juan to contact volunteers for work on TR 15942 (Guide for the use of the Ada programming language in high integrity systems). Pat will verify final possibility of support within AdaCore.

Status: Open

**AI-76-2:** Pat to initiate pursuit of new national body members from vendors’ customers.

Status: Open

**AI-77-1:** Pat will send an email to AdaCore requesting insights into the plan and schedule for the prototyping efforts.

Status: Closed. AdaCore indicated that review effort for Ada 202X has concluded and that they did not intend to implement the parallelism functionality.

**AI-77-2:** Steve Baird will obtain from AdaCore the list of AIs considered "controversial" by AdaCore and send the list to WG 9 and the ARG.

Status: Closed. See the ARG report for the result.

**AI-77-3:** Tucker and Richard will discuss the possible place and date for meeting #79 in terms of co-locating it with a conference and will inform WG 9 once determined. (The default location is the AdaCore offices in Lexington.)

Status: Open

Committee as a Whole

Ada 202x Review and Prototyping Status

WG9 support for the update of the SPARK Annex to Edition 3 of the Vulnerabilities TR 24772

Unfinished Business

New Business
Scheduling of Future Meetings

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Review of New Action Items

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Final Consideration of Resolutions

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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.