

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 Brosgol
- [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](#)

Recess

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.

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 Brosgol)

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

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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-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

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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

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Unfinished Business

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New Business

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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.