

ISO/IEC JTC 1/SC 22/OWGV N 0094

Business Plan and Convener's Report, ISO/IEC JTC 1/SC 22/OWG:Vulnerability, 2007-07-31

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Contributed by John Benito, Convener
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Notes

Business Plan and Convener's Report
ISO/IEC JTC 1/SC22 OWG:Vulnerability

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1. MANAGEMENT SUMMARY

1.1. JTC 1/SC22/OWGV STATEMENT OF SCOPE

Guidance to Avoiding Vulnerabilities in Programming Languages through Language Selection and Use

1.2. PROJECT REPORT

1.2.1. COMPLETED PROJECTS

None

1.2.2. PROJECTS UNDERWAY

JTC 1 NP 24772, Guidance to Avoiding Vulnerabilities in Programming Languages through Language Selection. This is a Technical Report type III.

1.2.3. CANCELLED PROJECTS

None over this period.

1.2.4. COOPERATION and COMPETITION

Where appropriate, OWGV has established active liaisons with other SC22 working groups and other standards organizations. There is no apparent direct competition with any other current SC22 working group.

2. PERIOD REVIEW

2.1. MARKET REQUIREMENTS

OWGV feels that it is responding to the needs of the programming language community by inclusion. OWGV will accept input and liaison by any and all appropriate organizations.

2.2. ACHIEVEMENTS

OWGV has spent the first year recruiting and getting organized and has spent the second year developing the document that is currently ready for the SC22 registration process.

2.3. RESOURCES

OWGV plans to meet three times per year. Six national bodies are currently participating by attending meetings or by being involved in the technical discussions that take place over the email reflector. The national bodies are: Canada, France, Germany, Italy, Japan, UK, and the USA. Liaison with five SC22 Language groups and three groups out side of SC22 has been established¹.

Current OWGV liaisons are:

| Group | Name | Person assigned |
|-----------------|--|----------------------|
| SC 22/WG4 | Cobol | Barry Tauber |
| SC 22/WG5 | Fortran | Dan Nagle |
| SC 22/WG9 | Ada | Erhard Ploedereder |
| SC 22/ WG14 | C | Tom Plum |
| SC 7/WG 19 | Open Distributed Processing and Modeling Languages | Cesar Gonzalez-Perez |
| ECMA TC39/TG2 | C# | Tom Plum |
| JSR-282/JSR-302 | Real-Time/Safety-Critical Java | Ben Brosgol |
| MDC | MUMPS | Ed de Moel |

¹ The only SC22 language working group that has not setup a liaison with the OWGV is WG21.

3. FOCUS NEXT WORK PERIOD

OWGV will focus on:

- JTC 1 NP 24772, Guidance to Avoiding Vulnerabilities in Programming Languages through Language Selection.
- Resolving any comments from the Registration process.
- Producing the DTR document.

3.1. DELIVERABLES

None.

3.2. STRATEGIES

OWGV believes that routine handling will suffice to complete the progress desired.

3.3. RISKS

No problems are anticipated.

3.4. OPPORTUNITIES

None.

3.5. WORK PROGRAM PRIORITIES

OWGV will concentrate on the work item NP 24772.

4. OTHER ITEMS

4.1. POSSIBLE ACTION REQUESTS AT FORTHCOMING PLENARY

- The OWGV requests to be re-established.
- The OWGV would like to request that John Benito be re-named as the Convener of the OWGV and James Moore be re-named the Secretariat of the OWGV.
- The OWGV would like to Register PDTR 24772 at this Plenary.

4.2. PROJECT EDITOR

The following individuals have been appointed project editors and backup project editors:
JTC 1 NP 24772, Guidance to Avoiding Vulnerabilities in Programming Languages through Language Selection.

John Benito (Project Editor)

4.3. ELECTRONIC DOCUMENT DISTRIBUTION

OWGV has conducted some of its detailed technical discussion using email reflector maintained by James Moore.

OWGV also has an ftp and Web site provided at <http://aitc.aitcnet.org/isai/> and maintained by James Moore.

OWGV uses a secure wiki setup and maintained by Dinkumware, Ltd. This secure wiki is used for quick exchange of documents during and between meetings.

OWGV is providing all the appropriate committee documents on the Committee Web site, eliminating the need for paper mailings.

4.4. RECENT MEETINGS

| | | | |
|----|-------------------|---------------------------|----------------------------|
| #1 | 26-27 Jun 2006 | District of Columbia, USA | ANSI/INCITS and Blue Pilot |
| #2 | 14-15 Sep 2006 | London, UK | BSI |
| #3 | 11-13 Dec 2006 | District of Columbia, USA | ANSI/INCITS and Blue Pilot |
| #4 | 30-Apr-2-May 2007 | Padova, Italy | NNI |
| #5 | 18-20 July 2007 | Ottawa, Canada | Standard Council of Canada |

4.5. FUTURE MEETINGS

| | | | |
|-----|----------------|---------------------------|----------------------------|
| #6 | 14-15 Oct 2007 | Kona, HI, USA | ANSI/INCITS and Plum Hall |
| #7 | 10-10 Dec 2007 | Pittsburg, PA, USA | ANSI/INCITS and CERT |
| #8 | 09-11 Apr 2008 | Amsterdam, NL | NEN, ACE |
| #9 | July 2008 | District of Columbia, USA | ANSI/INCITS and Blue Pilot |
| #10 | Oct 2008 | Stuttgart, DE | Universität Stuttgart |