

BUSINESS PLAN FOR JTC 1/SC22 WG11

PERIOD COVERED: July 1998 - June 1999

SUBMITTED BY:

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1. MANAGEMENT SUMMARY:

1.1 JTC 1/SC22 WG11 Statement of Scope

Development of ISO/IEC Standards and Technical Reports related to Binding Techniques and (Programming) Language Independent Issues.

1.2 Project Report

1.2.1 Completed Projects

JTC1.22.14 -- TR 10182:1994: Language Bindings Guidelines

JTC1.22.16 -- ISO/IEC 13886:1996 - Language Independent Procedure Calling

JTC1.22.17 -- ISO/IEC 11404:1996 - Language Independent Datatypes

JTC1.22.28 -- ISO/IEC 10967-1:1994 - Language Independent Arithmetic, Part 1: Integer and Floating Point Arithmetic

1.2.2 Projects Underway

JTC1.22.33 -- (F)CD 10967-2 - Language Independent Arithmetic, Part 2: Elementary Numerical Functions

The 4th FCD is expected in August 1999.

JTC1.22.33 -- WD 10967-3 - Language Independent Arithmetic, Part 3: Complex Floating Point Arithmetic and Complex Elementary Numerical Functions

The work on this part of IS 10967 will follow (in time) the work on part 2.

JTC1.22.46 -- DTR 14369 - Guidelines for the Preparation of Language Independent Service Specifications
The DTR is approved by JTC1 and is awaiting publication by ITTF.

1.3 Cooperation and Competition

The WG11 documents are mainly produced to be used by other programming language committees. Therefore, WG11 maintains liaisons with many of the SC22 WGs.

2. PERIOD REVIEW

2.1 Market Requirements

There are no clearly defined market requirements for the WG11 projects; however several ISO/IEC standards make reference to the documents. There is thus apparently an indirect market requirement.

2.2 Achievements

Despite the sometimes small participation in WG11, a number of high quality ISO standards have been produced.

2.3 Resources

WG11 resources have been a problem for the past years, and continue to be so. Attendance is very low, and project editors are difficult to find.

3. FOCUS NEXT WORK PERIOD

3.1 Deliverables

The LIA-2 project should progress to DIS stage and a first WD for LIA-3 should be prepared. stages.

3.2 Strategies

3.2.1 Risks

Participation is a clear risk for the progression of the WG11 work.

The SC22 Member Bodies are invited to provide resources so that WG11 at least can finalize its current work items.

3.2.2 Opportunities

No further opportunities have been identified.

3.2.3 Work Program Priorities

The finalization of LIA-2 has the highest priority.

4. ADMINISTRATIVE INFORMATION

4.1 WG11 Liaisons

Liaisons exist with the following SC22 WGs: WG2 - Pascal, WG3 - APL, WG4 - COBOL, WG9 - Ada, WG14 - C, WG20 - Internationalization and WG22 - PCTE. Also, a liaison representative from SC26 (Micro Processors) to WG11 has been appointed.

Informal liaisons also exists with SC22/WG13 - Modula-2, SC22/WG17 - Prolog and SC2 - Characters.

4.2 Contact Points

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5. SC22 PLENARY ACTIONS RELATED TO WG11

5.1 Projects Not Reaching CD Stage Within Three Years of NP Approval

With reference to SC22 N2926: LIA-3 (project 22.34) will be produced after LIA-2 has become stable and is well underway. A first draft for SC22 Review and Comment is expected by fall 1999. Therefore, WG11 requests SC22 to authorize an extension of the project.