



ISO/TC97/SC22
Programming Languages
Secretariat: CANADA (SCC)

ISO/TC97/SC22

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N193

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ACTION: This document has been submitted to TC97 for input to the TC97 Database of projects. It is circulated to SC22 Member Bodies for information.

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TC97 DATABASE

ISO/TC97/SC22

PROJECT INFORMATION

1. Designation and Title of Subcommittee

SC22, Application Systems Environments and Programming Languages

2. Secretariat

SCC

3. Chairman

Kearney, R.
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4. Working Groups

WG1: Programming Languages for the Control of Industrial Processes (PLIP)

Disbanded: Resolution 6 in document 97/22 N169

WG2: PASCAL

Secretariat: BSI

Convenor: Wichmann, B.
National Physical Laboratory
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Telephone: +44 1977 3222

WG3: APL

Secretariat: AFNOR

Convenor: Tisserand, R.
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Tour Montparnasse
75755 Paris
France

Telephone: 33-1-538-2150/33-1-538-2144

WG4: COBOL

Secretariat: ANSI

Convenor: Vickers, M.
National Bureau of Standards
Building 225, Room A265
Washington, D.C. 20234

Telephone: (301) 921-2431
Telex: 89-8493

WG5: FORTRAN

Secretariat: ANSI

Convenor: Martin J.
Lawrence Livermore National Laboratory
L-300
Livermore, California 94550

Telephone: (415) 422-3753

WG6: ALGOL

Secretariat: NNI

Convenor: Van Wingen, J.
Postbus 486
2300 Al Leiden
The Netherlands

Telephone: (071) 148333, extension 5003
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WG7: PL/I

Disbanded: Resolution 17 in document 97/22 N169

Project Editor: Dr. J. Klessin

WG8: BASIC

Secretariat: ECMA

Convenor: Leroy, B
Bull
68 route de Versailles
78430 Louveciennes
France

Telephone: 33-1-39025269

WG9: Ada

Secretariat: ANSI

Convenor: Castor V.
Ada Joint Program Office
Room C-107
1211 S. Fern St.
Arlington Virginia
USA 22202

Telephone:

WG10: Guidelines for the Preparation of Standards Within
SC22

Secretariat: BSI

Convenor: Meek, B.
Computer Unit
Queen Elizabeth College
Campden Hill Road
London W87 AH
United Kingdom

Telephone: 01 937-5411, extension 432

WG11: Binding Techniques for Languages

Secretariat: ANSI

Convenor: Sparks, M.
System Group
Systems Development Corporation
4810 Bradford Blvd. N.W.
Huntsville, Alabama
USA 35805

Telephone: (205) 837-7610

WG12: Language Conformity and Validation

Secretariat: AFNOR

Convenor: Sidi, J.
BNI
BP 105
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Le Chesnay Cedex
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Telephone: 33-1-39552535

5. Projects

Note: For project stage definition, please refer to the list attached as Annex 1.

Work Item 22.01.01 - Review of Programming Language COBOL (ISO 1989-1978)

Stage	Target Date	Actual Date
03.01		85-01-10
03.02		85-07-11
03.05		85-08
03.06	85-11	85-10-11
04.00	85-11	85-11-27
05.00	86-05	

Working Group: 4

Secretariat: ANSI

Convenor: M. Vickers

Current Reference Documents:

Current ISO/CS Registered Document: ISO 1989

Work Item 22.01.02 - Addenda for COBOL Database Facility

Stage	Target Date	Actual Date
00.03		85-01-15
00.04		85-03-22
01.00		85-04-12
01.02	85-12	
02.00	86-06	
03.00	87-01	
04.00	87-06	
05.00	87-09	

Working Group: 4

Secretariat: ANSI

Convenor: M. Vickers

Current Reference Documents:

Current ISO/CS Registered Document:

Work Item 22.01.03 - Language Extensions for COBOL - ISO 1989

Stage	Target Date	Actual Date
00.03		85-01-15
00.04		85-03-22
01.00		85-04-12
01.02	87-06	
02.00	88-06	
03.00	89-06	
04.00	90-01	
05.00	90-03	

Working Group: 4

Secretariat: ANSI

Convenor: M. Vickers

Current Reference Documents:

Current ISO/CS Registered Document:

Work Item 22.02 - Programming Language FORTRAN (Revision of ISO 1539-1980)

Stage	Target Date	Actual Date
02.00	86-06	
03.00	87-01	
04.00	88-06	
05.00	88-11	

Working Group: 5

Secretariat: ANSI

Convenor: J. Martin

Current Reference Documents:

Current ISO/CS Registered Document: ISO 1539-1980

Work Item 22.03 - Hardware Representation of ALGOL - Basic Symbols (Revision of ISO/TR 1672-1977)

Stage	Target Date	Actual Date
01.02	85-12	

Working Group: 6

Secretariat: NNI

Convenor: J. Van Wingen

Current Reference Documents: 97/5 N635

Current ISO/CS Registered Document: ISO/TR1672-1977

Work Item 22.04 - Programming Languages - ALGOL 60 (Revision of
of ISO/R 1538)

Stage	Target Date	Actual Date
05.00		84-10-15
Working Group: 6		Secretariat: NNI

Convenor: J. Van Wingen

Current Reference Documents:

Current ISO/CS Registered Document: ISO 1538

Work Item 22.05 - Programming Language - PL/I (Revision of ISO
6160-1979)

Stage	Target Date	Actual Date
02.00	86-06	
03.00	87-08	
04.00	88-10	
05.00	89-02	

Project Editor: J. Klensin

Current Reference Documents:

Current ISO/CS Registered Document: ISO 6160-1979

Work Item 22.06 - Programming Languages - PL/I - General Purpose
Subset

Stage	Target Date	Actual Date
03.01		84-07-12
03.02		85-01-12
03.05		85-01-31
03.06		85-04-18
04.00		85-05-14
05.00	85-10	85-10-01

Project Editor: J. Klensin

Current Reference Documents:

Current ISO/CS Registered Document: ISO 6522

Work Item 22.07 - Programming Language - Minimal BASIC

Stage	Target Date	Actual Date
05.00		84-03-15

Working Group: 8

Secretariat: ECMA

Convenor: B. Leroy

Current Reference Documents:

Current ISO/CS Registered Document: ISO 6373-1984

Work Item 22.08 - Programming Language - PASCAL

Stage	Target Date	Actual Date
05.00		83-12-15

Working Group: 2

Secretariat: BSI

Convenor: B. Wichmann

Current Reference Documents:

Current ISO/CS Registered Document: ISO 7185-1983

Work Item 22.09 - Programming Languages - APL

Stage	Target Date	Actual Date
02.01		83-11-28
02.02		84-02-27
02.03		85-05-15
02.04		85-08-15
02.07	85-08-30	85-10-09
02.08	86-03	
03.00	86-04	
03.01	86-05	
03.02	86-11	
03.05	86-12	
03.06	87-02	
04.00	87-03	
05.00	87-07	

Working Group: 2

Secretariat: AFNOR

Convenor: R. Tisserand

Current Reference Documents: 97/22 NO61

Current ISO/CS Registered Document: DP 8485

Work Item 22.10 - Programming Language - Ada

Stage	Target Date	Actual Date
02.01		85-01-15
02.02		85-04-15
02.07		85-04-29
02.08		85-05-28
03.00		85-08-30
03.01	85-10	86-01-23
03.02	86-09-23	
03.05	86-10-30	
03.06	86-12-01	
04.00	87-01-01	
05.00	87-02-28	

Working Group: 9

Secretariat: ANSI

Convenor: V. Castor

Current Reference Documents: 97/5 N759

Current ISO/CS Registered Document: DIS 8652

Work Item 22.11 - Programming Language - BASIC

Stage	Target Date	Actual Date
02.00	86-09	
03.00	88-07	
04.00	89-03	
05.00	89-06	

Working Group: 8

Secretariat: ECMA

Convenor: B. Leroy

Current Reference Documents: 97/5 N586

Current ISO/CS Registered Document:

Work Item 22.12 - Industrial Real-time FORTRAN - Application for the Control of Industrial Processes

Stage	Target Date	Actual Date
04.01	85-07	
05.00	85-09	85-09-15

Current Reference Documents:

Current ISO/CS Registered Document: ISO 7846

Work Item 22.13 - Guidelines for the Preparation of Programming Language Standards

Stage	Target Date	Actual Date
00.05		
00.06		84-02-13
01.00		84-05-07
01.01	85-09	85-09
01.02	86-10	
01-03	87-01	

Working Group: 10

Secretariat: BSI

Convenor: B. Meek

Current Reference Documents: 97/22 N073

Current ISO/CS Registered Document:

Work Item 22.14 - Binding Techniques for Programming Languages

Stage	Target Date	Actual Date
00.05		84-02-13
00.06		84-05-07
01.00		84-08
01.02	86-05-15	
01.03	86-08-30	
01.04	86-11-01	
01.05	87-02-01	

Working Group: 11

Secretariat: ANSI

Convenor: M. Sparks

Current Reference Documents: 97 N1316

Current ISO/CS Registered Document:

Work Item 22.15 - Conformity Requirements and Testing

Part 1: Guidelines for the preparation of conformity clauses in programming language standards.

Guidelines for the preparation of programming language process or specifications to facilitate conformity testing.

Stage	Target Date	Actual Date
00.05		85-04-10
00.06		85-07-31
01.00	85-08	
01.02	86-06	
01.03	86-09	
01.04	86-10	
01.05	87-01	
02.00	86-12-30	
02.01	87-01-15	
02.02	87-04-15	
02.07	87-05-15	
02.08	87-07-01	
03.00	87-12-01	
03.01	88-02-01	
03.02	88-08-01	
03.05	88-09-01	
03.06	88-10-01	
04.00	88-12-01	
05.00	89-02-15	

Part 2: Test methods for programming language processing:
guidelines for their development and procedures for their
approval.

Stage	Target Date	Actual Date
00.05		85-04-10
00.06		85-07-31
01.00	85-08	
01.04	86-04-01	
01.05	86-07-01	
02.00	86-07-30	
02.01	86-08-15	
02.02	86-10-15	
02.07	86-11-15	
02.08	87-02-30	
03.00	87-07-01	
03.01	87-08-15	
03.02	88-02-15	
03.05	88-03-20	
03-06	88-06-30	
04.00	88-08-15	
05.00	88-11-30	

Working Group: 12

Secretariat: AFNOR

Convenor: J. Sidi

Current Reference Documents: 97 N1519

Current ISO/CS Registered Document:

Work Item 22.16 - Specification for a Model for Common-Language Independent, Procedure Calling Mechanisms

Stage	Target Date	Actual Date
00.03		85-04-30
00.04		85-07-01
00.05	85-09-15	85-10-17
00.06	85-11-15	86-01-20
01.00	86-03-01	86-03

Working Group: 11

Secretariat: ANSI

Convenor: M. Sparks

Current Reference Documents: 97/22 N058, N071, 97 N1572

Current ISO/CS Registered Documents

Work Item 22.17 - Specification for a Set of Common Language-Independent Data Types

Stage	Target Date	Actual Date
00.03		85-04-30
00.04		85-07-01
00.05	85-09-15	85-10-17
00.06	85-11-15	86-01-30
01.00	86-03-01	86-03

Working Group: 11

Secretariat: ANSI

Convenor: M. Sparks

Current Reference Documents: 97/22 N058, N070, 97 NI573

Current ISO/CS Registered Document:

6. Proposals for New Work Items

Work Item 22.XX - Extended PASCAL Specification for the Computer Programming Language

Stage	Target Date	Actual Date
00.03		85-08-16
00.04	85-10-18	85-10-18
00.05	85-11-15	86-01-07
00.06	86-01-15	86-04-18
01.00	86-06-01	
01.04	86-12-30	

Working Group: 2 (if approved)

Convenor: B. Wichmann

Current Reference Documents: 97/22 N083, 97 N1603

Current ISO/CS Registered Document:

Work Item 22.XX - Specification for Computer Programming Language
Modula 2

Stage	Target Date	Actual Date
00.03		1985-07-15
00.04		1985-10-15
00.05		1986-01-07
00.06	86-04-18	
01.00	86-06-01	

Working Group: XX

Secretariat: Open (if NWI
is approved)

Convenor: Open (if NWI is approved)

Current Reference Documents: 97/22 N076, N116, 97 N1602

Current ISO/CS Registered Document:

Work Item 22.XX - Specification for the Programming Language - C

Stage	Target Date	Actual Date
00.05		86-01-17
00.06	86-04-18	
01.00	86-06-01	
01.02	86-10-15	
01.03	87-01-15	
02.00	87-03-01	
02.01	87-03-30	
02.02	87-06-30	
03.00	87-10-01	
04.00	88-08-01	
05.00	88-10-15	

Working Group: XX

Secretariat: ANSI (if NWI
is approved)

Convenor: S. Hersee (if NWI is approved)

Current Reference Documents: 97/22 N123R, N169 (res 46), 97 N1604

Current ISO/CS Registered Document:

Work item 22.XX - Programming Language - Algol 68

Stage	Target Date	Actual Date
00.05		86-01-06
00.06	86-03-28	
01.00	86-04-30	

Working Group: 5 (if NWI is approved)

Secretariat: NNI

Convenor: J. Van Wingen

Current Reference Document: 97 N1594

Current ISO/CS Registered Document:

Work Item 22.XX - Syntactic Metalanguage

Stage	Target Date	Actual Date
00.03		86-02-28
00.04	86-04-30	
00.05	86-06-01	
00.06	86-09-01	
01.00	86-10-01	
01.02	87-02-15	
01.03	87-05-15	
01.04	87-07-01	
01.05	87-10-01	
02.00	87-11-15	
03.00	88-04-01	
04.00	88-11-15	
05.00	89-01-15	

Working Group: XX

Secretariat: Open

Convenor: Open

Current Reference Documents: 97/22 N186

Current ISO/CS Registered Document: