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Project: JTC1.22.32 Programming Language C++
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Reply To:
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ISO/IEC JTC1/SC22/WG21 (C++) Convener's Report

WG21 has a single project: JTC1.22.32.

The Working Group had its first meeting 18-19 June 1991, and has now met 17 times - three times per year - in joint technical sessions with US committee X3J16. Ten countries have been represented at the meetings: Australia, Canada, Denmark, France, Germany, Japan, New Zealand, Sweden, UK, and the USA.

1. SUMMARY OF ACCOMPLISHMENTS

The C++ CD was balloted between May 28 and September 28, 1995 (CD 14882, SC22/N1824). Ballot responses included a large number of substantive comments. WG21 spent three meetings (November 1995, March 1996, and July 1996) resolving the comments, and expect to submit a new working draft for a second CD ballot shortly after our November meeting.

1.1 Language Independent and Cross Language Standards

The Working Group has been monitoring cross-language standards activities. We are using the WG20 guidelines on extended characters. We have also tried to remain as close to the requirements of the LIA-1 standard as possible, but have not produced an explicit binding document. WG21 has several liaison appointments:

Group	Subject	Liaison
WG11	Language Independent Datatypes	Keld Simonsen
WG14	C	Tom Plum
WG15	POSIX	Nobuo Saito
WG20	Internationalization	Keld Simonsen
SC24/WG6	Multimedia presentation and interchange	Karl Soop

2. TARGET DATES

WG21 is requesting a change to its schedule because we expect it to take two extra meetings to resolve the first CD ballot comments. The technical changes were finalized in July 1996, but WG21 wants to look at the final draft in November before recommending it be forwarded to SC22 for a second CD ballot. This lengthens WG21's schedule by eight months.

The complete list of former and proposed target dates is shown in below.

Original date	New date	Event
9/89	(completed)	USA requested to submit C++ New Work Item Proposal
4/91	(completed)	Approved C++ NP
6/91	(completed)	First meeting of WG21

12/93 (completed) Circulate informal draft within SC22
 7/94 (completed) Vote to register WD as CD; Mtg #10.
 9/94 (completed) Complete editorial corrections; provide WD to SC22.
 10/94 (completed) Begin CD registration ballot.
 3/95 (completed) Complete CD registration ballot resolutions; Mtg #12.
 6/95 (completed) Begin CD ballot.
 3/96 11/96 Complete CD ballot resolution; Mtgs #14-17
 5/96 12/96 Begin second CD ballot
 3/97 11/97 Complete second CD ballot resolution; Mtg #19, 20
 5/97 12/97 Begin DIS ballot
 12/97 8/98 Complete editorial corrections from DIS ballot
 resolution. Send IS to ITTF (with final report).

3. ISSUES FOR DISCUSSION

WG21 requests that SC22 accept our revised schedule and target dates.

The three-year term of WG21's convener, Sam Harbison, expires at the 1996 SC22 plenary meeting, and Dr. Harbison regrets that he will be unable to serve for another three-year term. WG21 expects the United States to propose Tom Plum as the new convener, and WG21 supports that proposal.

4. MEETING SCHEDULE

WG21's future meeting schedule is shown below.

No.	Date	Location	Standards Body & Corporate Sponsor
16	Jul 7?12, 1996	Stockholm, Sweden	ITS Ellementel
17	Nov 10?15, 1996	Hawaii, USA	ANSI Plum Hall, Inc.
18	Mar 9?14, 1997	Nashua, NH, USA	ANSI Digital Equip. Corp.
19	Jul 13?18, 1997	United Kingdom	BSI Programming Research
20	Nov 9?14, 1997	to be determined	
21	Mar 8?13, 1998	to be determined	