

PL22.16 2016-06 Oulu Minutes

ISO/IEC JTC1 SC22 WG21 N4598 – 2016-07-10

Jonathan Wakely, cxx@kayari.org

June 20 - 26, 2016 - Oulu, Finland

Chair: Clark Nelson

Opening activities (Monday 9:00)

Opening comments, welcome from host

Voutilainen welcomed everyone to the meeting and to Oulu. Spicer explained the attendance sheet rules and document signup.

Meeting guidelines

Every participant is responsible for understanding and abiding by the [INCITS Antitrust Guidelines](#) and [Patent Policy](#), and the [ISO Code of Conduct](#).

Membership, voting rights, and procedures for the meeting

The chair explained the membership and voting rights for INCITS members, and voting for ISO global directory members.

- US participants attending their first meeting:

LTK Engineering
University of Akron
Markit
Blizzard
Bob Taco Industries
Xilinx
Sabre

- Those attaining voting rights at this meeting:

Facebook
Lawrence Berkeley National Laboratory
Sony Computer Entertainment

- Those losing voting rights for failure to attend this meeting:

DRW Holding
Lexmark International
Texas A&M University

- Those who are now in jeopardy to lose voting rights for failure to attend this meeting. Must attend the next meeting:

Riverbed Technology
The University of Chicago

Agenda review and approval

Agenda is in a revision of N4590, on the wiki.

Wakely moved to adopt the agenda, Clow seconded. Approved by unanimous consent.

Approval of the minutes of the previous meetings

Approval of the minutes of the previous meetings

Meeting	Minutes
WG21 Jacksonville	N4586
PL22.16 Jacksonville	N4587
WG21 pre-Oulu administrative telecon	N4595

Hedquist requested deferral of approving the PL22.16 Jacksonville minutes until Friday, pending an amendment.

Monday Afternoon - Friday Afternoon: WG21 Sessions

Friday Afternoon (2:30)

Revised agenda on the wiki with updated PL22.16 minutes, requested to read before the deferred motion to approve them which will happen on Saturday.

Saturday Morning: WG21 Sessions

Saturday Afternoon (1:30)

PL22.16 motions

Approval of the minutes of the previous meetings, N4596.

Hedquist moved to accept the minutes, Clow seconded.

Accepted by unanimous consent.

Closing activities

Plans for the future

Next and following meetings

Clow counted availability for the Aug 1, 2016 or Aug 15, 2016 meeting (5 days) in Chicago

Aug 1: 9 people, Aug 15: 10 people

- 2016-11-07/12 Issaquah, WA, US (N4571)
- 2017-02-27/03-04 Kona, HI, US (N4573)

The Issaquah meeting is the week of the US elections.

Toronto meeting in July. Details are on isocpp.org

Albuquerque, New Mexico, probably in November. More details forthcoming.

Millington asked if there were more plans for meetings in Europe. Sutter explained that the international meeting next year would be Toronto (and the US meeting is also not in continental US), but the 2018 one should be Rapperswil.

Mailings

Post-meeting mailing deadline is July 11th, pre-meeting deadline is Oct 17th. Deadline is 14:00 UTC.

Adjournment

Brown moved to thank the host, unanimous consent.

Brown moved to thank the convener, the officers, the project editor and TS editors, working group chairs, study group chairs, the scribes, the scribes, the scribes, the scribes, the authors and everyone who helped make C++ better.

Hedquist moved to adjourn, Clow seconded. Accepted by unanimous consent.

12. Attendance

The column "P/A" designates PL22.16 Primary, Alternate or Emeritus status.

The column "Voting" indicates organizations eligible to vote by "V".

PL22.16 members

Company / Organization	NB	Representative	P/A	Voting
Apple		Duncan Exon Smith	A	V
Argonne National Lab		Hal Finkel	P	V
Bloomberg		John Lakos	P	V
Bloomberg	UK	Alisdair Meredith	A	
Bloomberg	UK	Dietmar Kühl	A	
Bloomberg		Nathan Myers		
Brown		Walter E. Brown	E	
Cisco Systems		Lars Gullik Bjønnes	P	V
Dinkumware		PJ Plauger	P	V
Dinkumware		Tana Plauger	A	
Edison Design Group		John H. Spicer	P	V
Edison Design Group		Daveed Vandevoorde	A	
Edison Design Group		Jens Maurer	A	
Edison Design Group		Mike Herrick	A	
Edison Design Group		William M. Miller	A	
Embarcadero Technologies		David Millington	A	V
Facebook		Lee Howes	A	V
Facebook		Maged Michael	A	
Google		Chandler Carruth	A	V
Google		Geoffrey Romer	A	
Google		Hans Boehm	A	
Google		James Dennett	A	
Google		Jeffrey Yasskin	A	
Google	CA	JF Bastien	A	
Google	UK	Richard Smith	A	
Google		Thomas Koeppel		
Google		Titus Winters	A	
IBM	CA	Hubert Tong	A	V
Intel		Clark Nelson	P	V
Intel		Pablo Halpern	A	
Intel		Adam Stanksi		
Lawrence Berkeley		Bryce Adelstein-Lelback	P	V
Los Alamos National Laboratory		Li-Ta Lo	P	V
Microsoft		Jonathan Caves	P	V
Microsoft		Gabriel Dos Reis	A	
Microsoft		Herb Sutter	A	
Microsoft		Gor Nishanov	A	

Company / Organization	NB	Representative	P/A	Voting
Microsoft		Andrew Pardoe	A	
Microsoft		Neil Macintosh	A	
Microsoft		Casey Carter	A	
Morgan Stanley		Bjarne Stroustrup	P	V
NVIDIA		Olivier Giroux	A	V
Oracle		Fedor Sergeev	A	V
Oracle		Maxim Kartashev	A	
Oracle		Danil Tarakanov	A	
Perennial		Barry Hedquist	P	V
Perennial		Beman G. Dawes	A	
Plum Hall	FI	Ville Voutilainen	A	V
Programming Research Group		Christof Meerwald	A	V
Qualcomm		Marshall Clow	P	V
Red Hat		Jason Merrill	P	V
Red Hat	UK	Jonathan Wakely	A	
Red Hat		Torvald Riegel	A	
Sandia National Labs		Carter Edwards	P	V
Sony Computer Entertainment		Michael Spencer		V
Stellar Science		David Sankel	P	V
Symantec		Mike Spertus	P	V
Symantec	UK	Dinka Ranns	A	

Participating non-members

Company / Organization	NB	Representative
	BG	Vasil Vasilev
Codeplay	CA	Michael Wong
Mozilla	CA	Botond Ballo
Christie Digital	CA	Tony Van Eerd
Université de Sherbrooke	CA	Patrice Roy
CERN	CH	Axel Naumann
Vollmann Engineering	CH	Detlef Vollmann
HSR	CH	Peter Sommerlad
	CH	Mauro Bianco
	DE	Fabio Fracassi
University Carlos III	ES	J. Daniel Garcia
CryptoTec	FI	Mikael Kilpeläinen
	FR	Loïc Joly
	RU	Aleksandr Fokin

Company / Organization	NB	Representative
	RU	Anton Polukhin
	UK	Jeff Snyder
	UK	Jonathan Coe
	UK	Neil Horlock
	UK	Roger Orr
LTK Engineering		Alan Talbot
University of Akron		Andrew Sutton
Jump		Barry Revzin
		Brent Friedman
Bruker Daltonics		Daniel Krügler
Markit		David Stone
		Faisal Vali
Blizzard		James Touton
University of Nice		Jean-Paul Rigault
		Marius Huse Jacobsen
Frankfurt Inst. for Adv. Studies		Matthias Kretz
Nokia		Michał Dominiak
Bob Taco Industries		Michael McLaughlin
Mail Ru Group		Mikhail Maltsev
		Nicolai Josuttis
Xilinx		Ronan Keryell
Sabre		Tomasz Kamiński
Nokia		Vicente J. Botet Escriba
Schonfeld		Wesley Maness
ARM		Will Deacon