

Accredited Standards Committee*
X3, INFORMATION PROCESSING SYSTEMS

Doc No: X3J16/96-0109
WG21/N0927
Date: 28 May 1996
Project: Programming Language C++
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Concordance for July 1996 (Stockholm) C++ Working Paper

This document provides a cross-reference between absolute section numbers and the corresponding symbolic names used for cross-references within the Working Paper. Its purpose is to make it easier to replace absolute section numbers by their corresponding names, which in turn will make it easier to renumber sections in future versions of the Working Paper.

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Listing by clause number

1	intro	General
1.1	intro.scope	Scope
1.2	intro.refs	Normative references
1.3	intro.compliance	Implementation compliance
1.4	intro.defs	Definitions
1.5	syntax	Syntax notation
1.6	intro.memory	The C++ memory model
1.7	intro.object	The C++ object model
1.8	intro.execution	Program execution
2	lex	Lexical conventions
2.1	lex.phases	Phases of translation
2.2	lex.charset	Basic source character set
2.3	lex.trigraph	Trigraph sequences
2.4	lex.pptoken	Preprocessing tokens
2.5	lex.digraph	Alternative tokens
2.6	lex.token	Tokens
2.7	lex.comment	Comments
2.8	lex.header	Header names
2.9	lex.pnumber	Preprocessing numbers
2.10	lex.name	Identifiers
2.11	lex.key	Keywords
2.12		Operators and punctuators
2.13	lex.literal	Literals
2.13.1	lex.icon	Integer literals
2.13.2	lex.ccon	Character literals
2.13.3	lex.fcon	Floating literals
2.13.4	lex.string	String literals
2.13.5	lex.bool	Boolean literals
3	basic	Basic concepts
3.1	basic.def	Declarations and definitions
3.2	basic.def.odr	One definition rule
3.3	basic.scope	Declarative regions and scopes
3.3.1	basic.scope.pdecl	Point of declaration
3.3.2	basic.scope.local	Local scope
3.3.3	basic.scope.proto	Function prototype scope
3.3.4		Function scope
3.3.5	basic.scope.namespace	Namespace scope
3.3.6	basic.scope.class	Class scope
3.3.7	basic.scope.hiding	Name hiding
3.4	basic.lookup	Name look up
3.4.1	basic.lookup.unqual	Unqualified name look up
3.4.2	basic.lookup.qual	Qualified name look up
3.4.2.1	class.qual	Class members
3.4.2.2	namespace.qual	Namespace members
3.4.3	basic.lookup.elab	Elaborated type specifiers
3.4.4	basic.lookup.classref	Class member access
3.4.5	basic.lookup.udir	Using directives and namespace aliases
3.5	basic.link	Program and linkage
3.6	basic.start	Start and termination
3.6.1	basic.start.main	Main function
3.6.2	basic.start.init	Initialization of non-local objects
3.6.3	basic.start.term	Termination
3.7	basic.stc	Storage duration

3.7.1	basic.stc.static	Static storage duration
3.7.2	basic.stc.auto	Automatic storage duration
3.7.3	basic.stc.dynamic	Dynamic storage duration
3.7.3.1	basic.stc.dynamic.allocation	Allocation functions
3.7.3.2	basic.stc.dynamic.deallocation	Deallocation functions
3.7.4	basic.stc.inherit	Duration of sub-objects
3.8	basic.life	Object Lifetime
3.9	basic.types	Types
3.9.1	basic.fundamental	Fundamental types
3.9.2	basic.compound	Compound types
3.9.3	basic.type.qualifier	CV-qualifiers
3.10	basic.lval	Lvalues and rvalues
4	conv	Standard conversions
4.1	conv.lval	Lvalue-to-rvalue conversion
4.2	conv.array	Array-to-pointer conversion
4.3	conv.func	Function-to-pointer conversion
4.4	conv.qual	Qualification conversions
4.5	conv.prom	Integral promotions
4.6	conv.fpprom	Floating point promotion
4.7	conv.integral	Integral conversions
4.8	conv.double	Floating point conversions
4.9	conv.fpint	Floating-integral conversions
4.10	conv.ptr	Pointer conversions
4.11	conv.mem	Pointer to member conversions
4.12	conv.bool	Boolean conversions
5	expr	Expressions
5.1	expr.prim	Primary expressions
5.2	expr.post	Postfix expressions
5.2.1	expr.sub	Subscripting
5.2.2	expr.call	Function call
5.2.3	expr.type.conv	Explicit type conversion (functional notation)
5.2.4	expr.pseudo	Pseudo destructor call
5.2.5	expr.ref	Class member access
5.2.6	expr.post.incr	Increment and decrement
5.2.7	expr.dynamic.cast	Dynamic cast
5.2.8	expr.typeid	Type identification
5.2.9	expr.static.cast	Static cast
5.2.10	expr.reinterpret.cast	Reinterpret cast
5.2.11	expr.const.cast	Const cast
5.3	expr.unary	Unary expressions
5.3.1	expr.unary.op	Unary operators
5.3.2	expr.pre.incr	Increment and decrement
5.3.3	expr.sizeof	Sizeof
5.3.4	expr.new	New
5.3.5	expr.delete	Delete
5.4	expr.cast	Explicit type conversion (cast notation)
5.5	expr.mptr.oper	Pointer-to-member operators
5.6	expr.mul	Multiplicative operators
5.7	expr.add	Additive operators
5.8	expr.shift	Shift operators
5.9	expr.rel	Relational operators
5.10	expr.eq	Equality operators
5.11	expr.bit.and	Bitwise AND operator
5.12	expr.xor	Bitwise exclusive OR operator

5.13	expr.or	Bitwise inclusive OR operator
5.14	expr.log.and	Logical AND operator
5.15	expr.log.or	Logical OR operator
5.16	expr.cond	Conditional operator
5.17	expr.ass	Assignment operators
5.18	expr.comma	Comma operator
5.19	expr.const	Constant expressions
6	stmt.stmt	Statements
6.1	stmt.label	Labeled statement
6.2	stmt.expr	Expression statement
6.3	stmt.block	Compound statement or block
6.4	stmt.select	Selection statements
6.4.1	stmt.if	The <code>if</code> statement
6.4.2	stmt.switch	The <code>switch</code> statement
6.5	stmt.iter	Iteration statements
6.5.1	stmt.while	The <code>while</code> statement
6.5.2	stmt.do	The <code>do</code> statement
6.5.3	stmt.for	The <code>for</code> statement
6.6	stmt.jump	Jump statements
6.6.1	stmt.break	The <code>break</code> statement
6.6.2	stmt.cont	The <code>continue</code> statement
6.6.3	stmt.return	The <code>return</code> statement
6.6.4	stmt.goto	The <code>goto</code> statement
6.7	stmt.dcl	Declaration statement
6.8	stmt.ambig	Ambiguity resolution
7	dcl.dcl	Declarations
7.1	dcl.spec	Specifiers
7.1.1	dcl.stc	Storage class specifiers
7.1.2	dcl.fct.spec	Function specifiers
7.1.3	dcl.typedef	The <code>typedef</code> specifier
7.1.4	dcl.friend	The <code>friend</code> specifier
7.1.5	dcl.type	Type specifiers
7.1.5.1	dcl.type.cv	The <i>cv-qualifiers</i>
7.1.5.2	dcl.type.simple	Simple type specifiers
7.1.5.3	dcl.type.elab	Elaborated type specifiers
7.2	dcl.enum	Enumeration declarations
7.3	basic.namespace	Namespaces
7.3.1	namespace.def	Namespace definition
7.3.1.1	namespace.unnamed	Unnamed namespaces
7.3.1.2	namespace.memdef	Namespace member definitions
7.3.2	namespace.alias	Namespace alias
7.3.3	namespace.udecl	The <code>using</code> declaration
7.3.4	namespace.udir	Using directive
7.4	dcl.asm	The <code>asm</code> declaration
7.5	dcl.link	Linkage specifications
8	dcl.decl	Declarators
8.1	dcl.name	Type names
8.2	dcl.ambig.res	Ambiguity resolution
8.3	dcl.meaning	Meaning of declarators
8.3.1	dcl.ptr	Pointers
8.3.2	dcl.ref	References
8.3.3	dcl.mptr	Pointers to members
8.3.4	dcl.array	Arrays
8.3.5	dcl.fct	Functions
8.3.6	dcl.fct.default	Default arguments

8.4	dcl.fct.def	Function definitions
8.5	dcl.init	Initializers
8.5.1	dcl.init.aggr	Aggregates
8.5.2	dcl.init.string	Character arrays
8.5.3	dcl.init.ref	References
9	class	Classes
9.1	class.name	Class names
9.2	class.mem	Class members
9.3	class.mfct	Member functions
9.3.1	class.mfct.nonstatic	Nonstatic member functions
9.3.2	class.this	The <code>this</code> pointer
9.4	class.static	Static members
9.4.1	class.static.mfct	Static member functions
9.4.2	class.static.data	Static data members
9.5	class.union	Unions
9.6	class.bit	Bit-fields
9.7	class.nest	Nested class declarations
9.8	class.local	Local class declarations
9.9	class.nested.type	Nested type names
10	class.derived	Derived classes
10.1	class.mi	Multiple base classes
10.2	class.member.lookup	Member name lookup
10.3	class.virtual	Virtual functions
10.4	class.abstract	Abstract classes
11	class.access	Member access control
11.1	class.access.spec	Access specifiers
11.2	class.access.base	Accessibility of base classes and base class members
11.3	class.access.dcl	Access declarations
11.4	class.friend	Friends
11.5	class.protected	Protected member access
11.6	class.access.virt	Access to virtual functions
11.7	class.paths	Multiple access
11.8	class.access.nest	Nested classes
12	special	Special member functions
12.1	class.ctor	Constructors
12.2	class temporary	Temporary objects
12.3	class.conv	Conversions
12.3.1	class.conv.ctor	Conversion by constructor
12.3.2	class.conv.fct	Conversion functions
12.4	class.dtor	Destructors
12.5	class.free	Free store
12.6	class.init	Initialization
12.6.1	class.expl.init	Explicit initialization
12.6.2	class.base.init	Initializing bases and members
12.7	class.cctor	Construction and destruction
12.8	class.copy	Copying class objects
13	over	Overloading
13.1	over.load	Overloadable declarations
13.2	over.dcl	Declaration matching
13.3	over.match	Overload resolution
13.3.1	over.match.funcs	Candidate functions and argument lists
13.3.1.1	over.match.call	Function call syntax
13.3.1.1.1	over.call.func	Call to named function
13.3.1.1.2	over.call.object	Call to object of class type

13.3.1.2	over.match.oper	Operators in expressions
13.3.1.3	over.match.ctor	Initialization by constructor
13.3.1.4	over.match.copy	Copy-initialization of class by user-defined conversion
13.3.1.5	over.match.conv	Initialization by conversion function
13.3.1.6	over.match.ref	Initialization by conversion function for direct reference binding
13.3.2	over.match.viable	Viable functions
13.3.3	over.match.best	Best Viable Function
13.3.3.1	over.best.ics	Implicit conversion sequences
13.3.3.1.1	over.ics.scs	Standard conversion sequences
13.3.3.1.2	over.ics.user	User-defined conversion sequences
13.3.3.1.3	over.ics.ellipsis	Ellipsis conversion sequences
13.3.3.1.4	over.ics.ref	Reference binding
13.3.3.2	over.ics.rank	Ranking implicit conversion sequences
13.4	over.over	Address of overloaded function
13.5	over.oper	Overloaded operators
13.5.1	over.unary	Unary operators
13.5.2	over.binary	Binary operators
13.5.3	over.ass	Assignment
13.5.4	over.call	Function call
13.5.5	over.sub	Subscripting
13.5.6	over.ref	Class member access
13.5.7	over.inc	Increment and decrement
13.6	over.built	Built-in operators
14	temp	Templates
14.1	temp.param	Template parameters
14.2	temp.names	Names of template specializations
14.3	temp.arg	Template arguments
14.4	temp.type	Type equivalence
14.5	temp.decls	Template declarations
14.5.1	temp.class	Class templates
14.5.1.1	temp.mem.func	Member functions of class templates
14.5.1.2	temp.mem.class	Member classes of class templates
14.5.1.3	temp.static	Static data members of class templates
14.5.2	temp.mem	Member templates
14.5.3	temp.friend	Friends
14.5.4	temp.class.spec	Class template partial specializations
14.5.4.1	temp.class.spec.match	Matching of class template partial specializations
14.5.4.2	temp.class.order	Partial ordering of class template specializations
14.5.4.3	temp.class.spec.mfunc	Members of class template specializations
14.5.5	temp.fct	Function templates
14.5.5.1	temp.over.link	Function template overloading
14.5.5.2	temp.func.order	Partial ordering of function templates
14.6	temp.res	Name resolution
14.6.1	temp.local	Locally declared names
14.6.2	temp.dep	Dependent names
14.6.3	temp.nondep	Non-dependent names
14.6.4	temp.point	Point of instantiation
14.6.5	temp.inject	Friend names declared within a class template
14.7	temp.spec	Template specialization
14.7.1	temp.inst	Implicit instantiation
14.7.2	temp.explicit	Explicit instantiation
14.7.3	temp.expl.spec	Explicit specialization

14.8	temp.fct.spec	Function template specializations
14.8.1	temp.arg.explicit	Explicit template argument specification
14.8.2	temp.deduct	Template argument deduction
14.8.3	temp.over	Overload resolution
14.8.4	temp.over.spec	Overloading and template specializations
15	except	Exception handling
15.1	except.throw	Throwing an exception
15.2	except.ctor	Constructors and destructors
15.3	except.handle	Handling an exception
15.4	except.spec	Exception specifications
15.5	except.special	Special functions
15.5.1	except.terminate	The <code>terminate()</code> function
15.5.2	except.unexpected	The <code>unexpected()</code> function
15.5.3	except.uncaught	The <code>uncaught_exception()</code> function
15.6	except.access	Exceptions and access
16	cpp	Preprocessing directives
16.1	cpp.cond	Conditional inclusion
16.2	cpp.include	Source file inclusion
16.3	cpp.replace	Macro replacement
16.3.1	cpp.subst	Argument substitution
16.3.2	cpp.stringize	The <code>#</code> operator
16.3.3	cpp.concat	The <code>##</code> operator
16.3.4	cpp.rescan	Rescanning and further replacement
16.3.5	cpp.scope	Scope of macro definitions
16.4	cpp.line	Line control
16.5	cpp.error	Error directive
16.6	cpp.pragma	Pragma directive
16.7	cpp.null	Null directive
16.8	cpp.predefined	Predefined macro names
17	lib.library	Library introduction
17.1	lib.definitions	Definitions
17.2	lib.description	Method of description (Informative)
17.2.1	lib.structure	Structure of each subclause
17.2.1.1	lib.structure.summary	Summary
17.2.1.2	lib.structure.requirements	Requirements
17.2.1.3	lib.structure.specifications	Specifications
17.2.1.4	lib.structure.see.also	C Library
17.2.2	lib.conventions	Other conventions
17.2.2.1	lib.type.descriptions	Type descriptions
17.2.2.1.1	lib.enumerated.types	Enumerated types
17.2.2.1.2	lib.bitmask.types	Bitmask types
17.2.2.1.3	lib.character.seq	Character sequences
17.2.2.1.3.1	lib.byte.strings	Byte strings
17.2.2.1.3.2	lib.multibyte.strings	Multibyte strings
17.2.2.1.3.3	lib.wide.characters	Wide-character sequences
17.2.2.2	lib.functions.within.classes	Functions within classes
17.2.2.3	lib.objects.within.classes	Private members
17.3	lib.requirements	Library-wide requirements
17.3.1	lib.organization	Library contents and organization
17.3.1.1	lib.contents	Library contents
17.3.1.2	lib.headers	Headers
17.3.1.3	lib.compliance	Freestanding implementations
17.3.2	lib.using	Using the library
17.3.2.1	lib.using.headers	Headers
17.3.2.2	lib.using.linkage	Linkage

17.3.3	lib.constraints	Constraints on programs
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17.3.3.2	lib.alt.headers	Headers
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17.3.3.5	lib.handler.functions	Handler functions
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17.3.3.8	lib.res.on.required	Required paragraph
17.3.4	lib.conforming	Conforming implementations
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17.3.4.2	lib.res.on.macro.definitions	Restrictions on macro definitions
17.3.4.3	lib.global.functions	Global functions
17.3.4.4	lib.member.functions	Member functions
17.3.4.5	lib.reentrancy	Reentrancy
17.3.4.6	lib.protection.within.classes	Protection within classes
17.3.4.7	lib.derivation	Derived classes
17.3.4.8	lib.res.on.exception.handling	Restrictions on exception handling
18	lib.language.support	Language support library
18.1	lib.support.types	Types
18.2	lib.support.limits	Implementation properties
18.2.1	lib.limits	Numeric limits
18.2.1.1	lib.numeric.limits	Template class <code>numeric_limits</code>
18.2.1.2	lib.numeric.limits.members	<code>numeric_limits</code> members
18.2.1.3	lib.round.style	Type <code>float_round_style</code>
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18.4	lib.support.dynamic	Dynamic memory management
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18.4.1.1	lib.new.delete.single	Single-object forms
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18.6.1	lib.exception	Class <code>exception</code>
18.6.2	lib.exception.unexpected	Violating <i>exception-specifications</i>
18.6.2.1	lib.bad.exception	Class <code>bad_exception</code>
18.6.2.2	lib.unexpected.handler	Type <code>unexpected_handler</code>
18.6.2.3	lib.set.unexpected	<code>set_unexpected</code>
18.6.2.4	lib.unexpected	<code>unexpected</code>
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18.6.3.3	lib.terminate	<code>terminate</code>

18.6.4	lib.uncaught	uncaught_exception
18.7	lib.support.runtime	Other runtime support
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21.2.1.7.3	lib.string::find.first.of	basic_string::find_first_of
21.2.1.7.4	lib.string::find.last.of	basic_string::find_last_of
21.2.1.7.5	lib.string::find.first.not.of	basic_string::find_first_not_of
21.2.1.7.6	lib.string::find.last.not.of	basic_string::find_last_not_of
21.2.1.7.7	lib.string::substr	basic_string::substr
21.2.1.7.8	lib.string::compare	basic_string::compare
21.2.1.8	lib.string.nonmembers	basic_string non-member functions
21.2.1.8.1	lib.string::op+	operator+
21.2.1.8.2	lib.string::operator==	operator==
21.2.1.8.3	lib.string::op!=	operator!=
21.2.1.8.4	lib.string::op<	operator<
21.2.1.8.5	lib.string::op>	operator>
21.2.1.8.6	lib.string::op<=	operator<=
21.2.1.8.7	lib.string::op>=	operator>=
21.2.1.8.8	lib.string.special	swap
21.2.1.8.9	lib.string.io	Inserters and extractors
21.2.2	lib.string	Class string_char_traits<char>
21.2.3	lib.string.traits.members	string_char_traits<char> members
21.2.4	lib.wstring	Class string_char_traits<wchar_t>
21.2.5	lib.wstring.members	string_char_traits<wchar_t> members
21.3	lib.c.strings	Null-terminated sequence utilities
22	lib.localization	Localization library
22.1	lib.locales	Locales
22.1.1	lib.locale	Class locale
22.1.1.1	lib.locale.types	locale types
22.1.1.1.1	lib.locale.category	Type locale::category
22.1.1.1.2	lib.locale.facet	Class locale::facet

22.1.1.1.3	lib.locale.id	Class locale::id
22.1.1.2	lib.locale.cons	locale constructors and destructor
22.1.1.3	lib.locale.members	locale members
22.1.1.4	lib.locale.operators	locale operators
22.1.1.5	lib.locale.statics	locale static members
22.1.2	lib.locale.global.templates	locale globals
22.1.3	lib.locale.convenience	Convenience interfaces
22.1.3.1	lib.classification	Character classification
22.1.3.2	lib.conversions	Character conversions
22.2	lib.locale.categories	Standard locale categories
22.2.1	lib.category ctype	The ctype category
22.2.1.1	lib.locale.ctype	Template class ctype
22.2.1.1.1	lib.locale.ctype.members	ctype members
22.2.1.1.2	lib.locale.ctype.virtuals	ctype virtual functions
22.2.1.2	lib.locale.ctype.byname	Template class ctype_byname
22.2.1.3	lib.facet.ctype.special	ctype specializations
22.2.1.3.1	lib.facet.ctype.char.dtor	ctype<char> destructor
22.2.1.3.2	lib.facet.ctype.char.members	ctype<char> members
22.2.1.3.3	lib.facet.ctype.char.statics	ctype<char> static members
22.2.1.3.4	lib.facet.ctype.char.virtuals	ctype<char> virtual functions
22.2.1.4	lib.locale.ctype.byname.special	
22.2.1.5	lib.locale.codecvt	Class ctype_byname<char>
22.2.1.5.1	lib.locale.codecvt.members	Template class codecvt
22.2.1.5.2	lib.locale.codecvt.virtuals	codecvt members
22.2.1.6	lib.locale.codecvt.byname	codecvt virtual functions
22.2.2	lib.category.numeric	Template class codecvt_byname
22.2.2.1	lib.locale.num.get	The numeric category
22.2.2.1.1	lib.facet.num.get.members	Template class num_get
22.2.2.1.2	lib.facet.num.get.virtuals	num_get members
22.2.2.2	lib.locale.num.put	num_get virtual functions
22.2.2.2.1	lib.facet.num.put.members	Template class num_put
22.2.2.2.2	lib.facet.num.put.virtuals	num_put members
22.2.3	lib.facet.numpunct	num_put virtual functions
22.2.3.1	lib.locale.numpunct	The numeric punctuation facet
22.2.3.1.1	lib.facet.numpunct.members	Template class numpunct
22.2.3.1.2	lib.facet.numpunct.virtuals	numpunct members
22.2.3.2	lib.locale.numpunct.byname	numpunct virtual functions
22.2.4	lib.category.collate	Template class numpunct_byname
22.2.4.1	lib.locale.collate	The collate category
22.2.4.1.1	lib.locale.collate.members	Template class collate
22.2.4.1.2	lib.locale.collate.virtuals	collate members
22.2.4.2	lib.locale.collate.byname	collate virtual functions
22.2.5	lib.category.time	Template class collate_byname
22.2.5.1	lib.locale.time.get	The time category
22.2.5.1.1	lib.locale.time.get.members	Template class time_get
22.2.5.1.2	lib.locale.time.get.virtuals	time_get members
22.2.5.2	lib.locale.time.get.byname	time_get virtual functions
22.2.5.3	lib.locale.time.put	Template class time_get_byname
22.2.5.3.1	lib.locale.time.put.members	Template class time_put
22.2.5.3.2	lib.locale.time.put.virtuals	time_put members
22.2.5.4	lib.locale.time.put.byname	time_put virtual functions
22.2.6	lib.category.monetary	Template class time_put_byname
22.2.6.1	lib.locale.money.get	The monetary category
22.2.6.1.1	lib.locale.money.get.members	Template class money_get

22.2.6.1.2	lib.locale.money.get.virtuals	money_get members
22.2.6.2	lib.locale.money.put	money_get virtual functions
22.2.6.2.1	lib.locale.money.put.members	Template class money_put
		money_put members
22.2.6.2.2	lib.locale.money.put.virtuals	money_put virtual functions
22.2.6.3	lib.locale.moneyput	Template class moneyput
22.2.6.3.1	lib.locale.moneyput.members	moneyput members
		moneyput members
22.2.6.3.2	lib.locale.moneyput.virtuals	moneyput virtual functions
22.2.6.4	lib.locale.moneyput.byname	Template class moneyput_byname
22.2.7	lib.category.messages	The message retrieval category
22.2.7.1	lib.locale.messages	Template class messages
22.2.7.1.1	lib.locale.messages.members	messages members
22.2.7.1.2	lib.locale.messages.virtuals	messages virtual functions
22.2.7.2	lib.locale.messages.byname	Template class messages_byname
22.2.8	lib.facets.examples	Program-defined facets
22.3	lib.c.locales	C Library Locales
23	lib.containers	Containers library
23.1	lib.container.requirements	Container requirements
23.1.1	lib.sequence.reqmts	Sequences
23.1.2	lib.associative.reqmts	Associative containers
23.2	lib.sequences	Sequences
23.2.1	lib.template.bitset	Template class bitset
23.2.1.1	lib.bitset.cons	bitset constructors
23.2.1.2	lib.bitset.members	bitset members
23.2.1.3	lib.bitset.operators	bitset operators
23.2.2	lib.deque	Template class deque
23.2.2.1	lib.deque.types	deque types
23.2.2.2	lib.deque.cons	deque constructors, copy, and assignment
23.2.2.3	lib.deque.iterators	deque iterator support
23.2.2.4	lib.deque.capacity	deque capacity
23.2.2.5	lib.deque.access	deque element access
23.2.2.6	lib.deque.modifiers	deque modifiers
23.2.2.7	lib.deque.special	deque specialized algorithms
23.2.3	lib.list	Template class list
23.2.3.1	lib.list.types	list types
23.2.3.2	lib.list.cons	list constructors, copy, and assignment
23.2.3.3	lib.list.iterators	list iterator support
23.2.3.4	lib.list.capacity	list capacity
23.2.3.5	lib.list.access	list element access
23.2.3.6	lib.list.modifiers	list modifiers
23.2.3.7	lib.list.ops	list operations
23.2.3.8	lib.list.special	list specialized algorithms
23.2.4	lib.container.adapters	Container adapters
23.2.4.1	lib.queue	Template class queue
23.2.4.2	lib.priority.queue	Template class priority_queue
23.2.4.2.1	lib.priqueue.cons	priority_queue constructors
23.2.4.2.2	lib.priqueue.members	priority_queue members
23.2.4.3	lib.stack	Template class stack
23.2.5	lib.vector	Template class vector
23.2.5.1	lib.vector.types	vector types
23.2.5.2	lib.vector.cons	vector constructors, copy, and assignment

23.2.5.3	lib.vector.iterators	vector iterator support
23.2.5.4	lib.vector.capacity	vector capacity
23.2.5.5	lib.vector.access	vector element access
23.2.5.6	lib.vector.modifiers	vector modifiers
23.2.5.7	lib.vector.special	vector specialized algorithms
23.2.6	lib.vector.bool	Class <code>vector<bool></code>
23.3	lib.associative	Associative containers
23.3.1	lib.map	Template class <code>map</code>
23.3.1.1	lib.map.types	map types
23.3.1.2	lib.map.cons	map constructors, copy, and assignment
23.3.1.3	lib.map.iterators	map iterator support
23.3.1.4	lib.map.capacity	map capacity
23.3.1.5	lib.map.access	map element access
23.3.1.6	lib.map.modifiers	map modifiers
23.3.1.7	lib.map.observers	map observers
23.3.1.8	lib.map.ops	map operations
23.3.1.9	lib.map.special	map specialized algorithms
23.3.2	lib.multimap	Template class <code>multimap</code>
23.3.2.1	lib.multimap.special	multimap specialized algorithms
23.3.3	lib.set	Template class <code>set</code>
23.3.3.1	lib.set.types	set types
23.3.3.2	lib.set.cons	set constructors, copy, and assignment
23.3.3.3	lib.set.iterators	set iterator support
23.3.3.4	lib.set.capacity	set capacity
23.3.3.5	lib.set.modifiers	set modifiers
23.3.3.6	lib.set.observers	set observers
23.3.3.7	lib.set.ops	set operations
23.3.3.8	lib.set.special	set specialized algorithms
23.3.4	lib.multiset	Template class <code>multiset</code>
23.3.4.1	lib.multiset.special	multiset specialized algorithms
24	lib.iterators	Iterators library
24.1	lib.iterator.requirements	Iterator requirements
24.1.1	lib.input.iterators	Input iterators
24.1.2	lib.output.iterators	Output iterators
24.1.3	lib.forward.iterators	Forward iterators
24.1.4	lib.bidirectional.iterators	Bidirectional iterators
24.1.5	lib.random.access.iterators	Random access iterators
24.1.6	lib.iterator.tags	Iterator tags
24.2	lib.iterator.synopsis	Header <code><iterator></code> synopsis
24.3	lib.iterator.primitives	Iterator primitives
24.3.1	lib.std.iterator.tags	Standard iterator tags
24.3.2	lib.basic.iterators	Basic iterators
24.3.3	lib.iterator.operations	Iterator operations
24.4	lib.predef.iterators	Predefined iterators
24.4.1	lib.reverse.iterators	Reverse iterators
24.4.1.1	lib.reverse.bidir.iter	Template class
24.4.1.2	lib.reverse.bidir.iter.ops	<code>reverse_bidirectional_iterator</code> operations
24.4.1.2.1	lib.reverse.bidir.iter.cons	<code>reverse_bidirectional_iterator</code> constructor
24.4.1.2.2	lib.reverse.bidir.iter.conv	Conversion
24.4.1.2.3	lib.reverse.bidir.iter.op.star	<code>operator*</code>
24.4.1.2.4	lib.reverse.bidir.iter.opref	<code>operator-></code>
24.4.1.2.5	lib.reverse.bidir.iter.op++	<code>operator++</code>

24.4.1.2.6	lib.reverse.bidir.iter.op--	operator--
24.4.1.2.7	lib.reverse.bidir.iter.op==	operator==
24.4.1.3	lib.reverse.iterator	Template class reverse_iterator
24.4.1.4	lib.reverse.iter.ops	reverse_iterator operations
24.4.1.4.1	lib.reverse.iter.cons	reverse_iterator constructor
24.4.1.4.2	lib.reverse.iter.conv	Conversion
24.4.1.4.3	lib.reverse.iter.op.star	operator*
24.4.1.4.4	lib.reverse.iter.opref	operator->
24.4.1.4.5	lib.reverse.iter.op++	operator++
24.4.1.4.6	lib.reverse.iter.op--	operator--
24.4.1.4.7	lib.reverse.iter.op+	operator+
24.4.1.4.8	lib.reverse.iter.op+=	operator+=
24.4.1.4.9	lib.reverse.iter.op-	operator-
24.4.1.4.10	lib.reverse.iter.op-=	operator-=
24.4.1.4.11	lib.reverse.iter.opindex	operator[]
24.4.1.4.12	lib.reverse.iter.op==	operator==
24.4.1.4.13	lib.reverse.iter.op<	operator<
24.4.1.4.14	lib.reverse.iter.opdiff	operator-
24.4.1.4.15	lib.reverse.iter.opsum	operator+=
24.4.2	lib.insert.iterators	Insert iterators
24.4.2.1	lib.back.insert.iterator	Template class back_insert_iterator
24.4.2.2	lib.back.insert.iter.ops	back_insert_iterator operations
24.4.2.2.1	lib.back.insert.iter.cons	back_insert_iterator constructor
24.4.2.2.2	lib.back.insert.iter.op=	back_insert_iterator::operator=
24.4.2.2.3	lib.back.insert.iter.op*	back_insert_iterator::operator*
24.4.2.2.4	lib.back.insert.iter.op++	back_insert_iterator::operator++
24.4.2.2.5	lib.back.insert.iter	back_insert_iterator
24.4.2.3	lib.front.insert.iterator	Template class front_insert_iterator
24.4.2.3.1	lib.front.insert.iter.decl	front_insert_iterator
24.4.2.4	lib.front.insert.iter.ops	front_insert_iterator operations
24.4.2.4.1	lib.front.insert.iter.cons	front_insert_iterator constructor
24.4.2.4.2	lib.front.insert.iter.op=	front_insert_iterator::operator=
24.4.2.4.3	lib.front.insert.iter.op*	front_insert_iterator::operator*
24.4.2.4.4	lib.front.insert.iter.op++	front_insert_iterator::operator++
24.4.2.4.5	lib.front.insert.iter	front_insert_iterator
24.4.2.5	lib.insert.iterator	Template class insert_iterator
24.4.2.5.1	lib.insert.insert.iter	insert_iterator
24.4.2.6	lib.insert.iter.ops	insert_iterator operations
24.4.2.6.1	lib.insert.iter.cons	insert_iterator constructor
24.4.2.6.2	lib.insert.iter.op=	insert_iterator::operator=
24.4.2.6.3	lib.insert.iter.op*	insert_iterator::operator*
24.4.2.6.4	lib.insert.iter.op++	insert_iterator::operator++
24.4.2.6.5	lib.insert.iter	insert_iterator
24.5	lib.stream.iterators	Stream iterators
24.5.1	lib.istream.iterator	Template class istream_iterator
24.5.2	lib ostream.iterator	Template class ostream_iterator
24.5.3	lib.istreambuf.iterator	Template class istreambuf_iterator
24.5.3.1	lib.istreambuf.iterator::proxy	Template class
24.5.3.2	lib.istreambuf.iterator.cons	istreambuf_iterator::proxy
24.5.3.3	lib.istreambuf.iterator::op*	istreambuf_iterator constructors
24.5.3.4	lib.istreambuf.iterator::op++	istreambuf_iterator::operator*
24.5.3.5	lib.istreambuf.iterator::equal	istreambuf_iterator::operator++
24.5.3.6	lib.istreambuf.iterator::op==	istreambuf_iterator::equal
24.5.3.7	lib.istreambuf.iterator::op!=	operator==
		operator!=

24.5.4	lib.ostreambuf.iterator	Template class <code>ostreambuf_iterator</code>
24.5.4.1	lib.ostreambuf.iter.cons	<code>ostreambuf_iterator</code> constructors
24.5.4.2	lib.ostreambuf.iter.ops	<code>ostreambuf_iterator</code> operations
25	lib.algorithms	Algorithms library
25.1	lib.alg.nonmodifying	Non-modifying sequence operations
25.1.1	lib.alg.foreach	For each
25.1.2	lib.alg.find	Find
25.1.3	lib.alg.find.end	Find End
25.1.4	lib.alg.find.first.of	Find First
25.1.5	lib.alg.adjacent.find	Adjacent find
25.1.6	lib.alg.count	Count
25.1.7	lib.mismatch	Mismatch
25.1.8	lib.alg.equal	Equal
25.1.9	lib.alg.search	Search
25.2	lib.alg.modifying.operations	Mutating sequence operations
25.2.1	lib.alg.copy	Copy
25.2.2	lib.alg.swap	Swap
25.2.3	lib.alg.transform	Transform
25.2.4	lib.alg.replace	Replace
25.2.5	lib.alg.fill	Fill
25.2.6	lib.alg.generate	Generate
25.2.7	lib.alg.remove	Remove
25.2.8	lib.alg.unique	Unique
25.2.9	lib.alg.reverse	Reverse
25.2.10	lib.alg.rotate	Rotate
25.2.11	lib.alg.random.shuffle	Random shuffle
25.2.12	lib.alg.partitions	Partitions
25.3	lib.alg.sorting	Sorting and related operations
25.3.1	lib.alg.sort	Sorting
25.3.1.1	lib.sort	<code>sort</code>
25.3.1.2	lib.stable.sort	<code>stable_sort</code>
25.3.1.3	lib.partial.sort	<code>partial_sort</code>
25.3.1.4	lib.partial.sort.copy	<code>partial_sort_copy</code>
25.3.2	lib.alg.nth.element	Nth element
25.3.3	lib.alg.binary.search	Binary search
25.3.3.1	lib.lower.bound	<code>lower_bound</code>
25.3.3.2	lib.upper.bound	<code>upper_bound</code>
25.3.3.3	lib.equal.range	<code>equal_range</code>
25.3.3.4	lib.binary.search	<code>binary_search</code>
25.3.4	lib.alg.merge	Merge
25.3.5	lib.alg.set.operations	Set operations on sorted structures
25.3.5.1	lib.includes	<code>includes</code>
25.3.5.2	lib.set.union	<code>set_union</code>
25.3.5.3	lib.set.intersection	<code>set_intersection</code>
25.3.5.4	lib.set.difference	<code>set_difference</code>
25.3.5.5	lib.set.symmetric.difference	<code>set_symmetric_difference</code>
25.3.6	lib.alg.heap.operations	Heap operations
25.3.6.1	lib.push.heap	<code>push_heap</code>
25.3.6.2	lib.pop.heap	<code>pop_heap</code>
25.3.6.3	lib.make.heap	<code>make_heap</code>
25.3.6.4	lib.sort.heap	<code>sort_heap</code>
25.3.7	lib.alg.min.max	Minimum and maximum
25.3.8	lib.alg.lex.comparison	Lexicographical comparison
25.3.9	lib.alg.permutation.generators	Permutation generators

25.4	lib.alg.c.library	C library algorithms
26	lib.numerics	Numerics library
26.1	lib.numeric.requirements	Numeric type requirements
26.2	lib.complex.numbers	Complex numbers
26.2.1	lib.complex	Template class <code>complex</code>
26.2.2	lib.complex.special	<code>complex</code> specializations
26.2.3	lib.complex.members	<code>complex</code> member functions
26.2.4	lib.complex.member.ops	<code>complex</code> member operators
26.2.5	lib.complex.ops	<code>complex</code> non-member operations
26.2.6	lib.complex.value.ops	<code>complex</code> value operations
26.2.7	lib.complex.transcendentals	<code>complex</code> transcendentals
26.3	lib.numarray	Numeric arrays
26.3.1	lib.template.valarray	Template class <code>valarray</code>
26.3.1.1	lib.valarray.cons	<code>valarray</code> constructors
26.3.1.2	lib.valarray.assign	<code>valarray</code> assignment
26.3.1.3	lib.valarray.access	<code>valarray</code> element access
26.3.1.4	lib.valarray.sub	<code>valarray</code> subset operations
26.3.1.5	lib.valarray.unary	<code>valarray</code> unary operators
26.3.1.6	lib.valarray.cassign	<code>valarray</code> computed assignment
26.3.1.7	lib.valarray.members	<code>valarray</code> member functions
26.3.2	lib.valarray.nonmembers	<code>valarray</code> non-member operations
26.3.2.1	lib.valarray.binary	<code>valarray</code> binary operators
26.3.2.2	lib.valarray.comparison	<code>valarray</code> comparison operators
26.3.2.3	lib.valarray.min.max	<code>valarray</code> min and max functions
26.3.2.4	lib.valarray.transcend	<code>valarray</code> transcendentals
26.3.3	lib.class.slice	Class <code>slice</code>
26.3.3.1	lib.cons.slice	<code>slice</code> constructors
26.3.3.2	lib.slice.access	<code>slice</code> access functions
26.3.4	lib.template.slice.array	Template class <code>slice_array</code>
26.3.4.1	lib.cons.slice.arr	<code>slice_array</code> constructors
26.3.4.2	lib.slice.arr.assign	<code>slice_array</code> assignment
26.3.4.3	lib.slice.arr.comp.assign	<code>slice_array</code> computed assignment
26.3.4.4	lib.slice.arr.fill	<code>slice_array</code> fill function
26.3.5	lib.class.gslic	The <code>gslic</code> class
26.3.5.1	lib.gslic.cons	<code>gslic</code> constructors
26.3.5.2	lib.gslic.access	<code>gslic</code> access functions
26.3.6	lib.template.gslic.array	Template class <code>gslic_array</code>
26.3.6.1	lib.gslic.array.cons	<code>gslic_array</code> constructors
26.3.6.2	lib.gslic.array.assign	<code>gslic_array</code> assignment
26.3.6.3	lib.gslic.array.comp.assign	<code>gslic_array</code> computed assignment
26.3.6.4	lib.gslic.array.fill	<code>gslic_array</code> fill function
26.3.7	lib.template.mask.array	Template class <code>mask_array</code>
26.3.7.1	lib.mask.array.cons	<code>mask_array</code> constructors
26.3.7.2	lib.mask.array.assign	<code>mask_array</code> assignment
26.3.7.3	lib.mask.array.comp.assign	<code>mask_array</code> computed assignment
26.3.7.4	lib.mask.array.fill	<code>mask_array</code> fill function
26.3.8	lib.template.indirect.array	Template class <code>indirect_array</code>
26.3.8.1	lib.indirect.array.cons	<code>indirect_array</code> constructors
26.3.8.2	lib.indirect.array.assign	<code>indirect_array</code> assignment
26.3.8.3	lib.indirect.array.comp.assign	<code>indirect_array</code> computed assignment
26.3.8.4	lib.indirect.array.fill	<code>indirect_array</code> fill function
26.4	lib.numeric.ops	Generalized numeric operations
26.4.1	lib.accumulate	Accumulate
26.4.2	lib.inner.product	Inner product

26.4.3	lib.partial.sum	Partial sum
26.4.4	lib.adjacent.difference	Adjacent difference
26.5	lib.c.math	C Library
27	lib.input.output	Input/output library
27.1	lib.iostreams.requirements	Iostreams requirements
27.1.1	lib.iostreams.definitions	Definitions
27.1.2	lib.iostreams.type.reqmts	Type requirements
27.1.2.1	lib.iostreams.char.t	Type <i>CHAR_T</i>
27.1.2.2	lib.iostreams.int.t	Type <i>INT_T</i>
27.1.2.3	lib.iostreams.off.t	Type <i>OFF_T</i>
27.1.2.4	lib.iostreams.pos.t	Type <i>POS_T</i>
27.1.2.5	lib.iostreams.sz.t	Type <i>SZ_T</i>
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27.7.2.3	lib ostringstream	Class basic_ostringstream
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A.3	gram.basic	Basic concepts
A.4	gram.expr	Expressions
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D.6.3	depr.ostringstream	Class <code>ostringstream</code>
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depr.istream.members	D.6.2.2	Member functions
depr.ostringstream	D.6.3	Class <code>ostringstream</code>
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depr.ostringstream.members	D.6.3.2	Member functions
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gram.class.derived	A.9	Derived classes
gram.dcl.dcl	A.6	Declarations
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