

List the major components of the C++ Standard Library

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dt@VPCF11M1E /2019/c++11/exercises/02_the_structure_of_this_book/07
$ ls -l /usr/include/c++/5/
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-rw-r--r-- 1 root root	2518 Aug 27 23:15	algorithm
-rw-r--r-- 1 root root	9951 Aug 27 23:15	array
-rw-r--r-- 1 root root	37554 Aug 27 23:15	atomic
drwxr-xr-x 2 root root	4096 Dec 18 02:47	backward
drwxr-xr-x 2 root root	20480 Dec 18 02:47	bits
-rw-r--r-- 1 root root	45950 Aug 27 23:15	bitset
-rw-r--r-- 1 root root	1620 Aug 27 23:15	cassert
-rw-r--r-- 1 root root	1318 Aug 27 23:15	ccomplex
-rw-r--r-- 1 root root	2409 Aug 27 23:15	cctype
-rw-r--r-- 1 root root	1742 Aug 27 23:15	cerrno
-rw-r--r-- 1 root root	2051 Aug 27 23:15	cfenv
-rw-r--r-- 1 root root	1861 Aug 27 23:15	cfloat
-rw-r--r-- 1 root root	26690 Aug 27 23:15	chrono
-rw-r--r-- 1 root root	2157 Aug 27 23:15	cinttypes
-rw-r--r-- 1 root root	1490 Aug 27 23:15	ciso646
-rw-r--r-- 1 root root	1885 Aug 27 23:15	climits
-rw-r--r-- 1 root root	1905 Aug 27 23:15	locale
-rw-r--r-- 1 root root	44874 Aug 27 23:15	cmath
-rw-r--r-- 1 root root	5336 Aug 27 23:15	codecvt
-rw-r--r-- 1 root root	53877 Aug 27 23:15	complex
-rw-r--r-- 1 root root	1461 Aug 27 23:15	complex.h
-rw-r--r-- 1 root root	8604 Aug 27 23:15	condition_variable
-rw-r--r-- 1 root root	1949 Aug 27 23:15	csetjmp
-rw-r--r-- 1 root root	1855 Aug 27 23:15	csignal
-rw-r--r-- 1 root root	1407 Aug 27 23:15	cstdalign
-rw-r--r-- 1 root root	1844 Aug 27 23:15	cstdarg
-rw-r--r-- 1 root root	1401 Aug 27 23:15	cstdbool
-rw-r--r-- 1 root root	1824 Aug 27 23:15	cstddef
-rw-r--r-- 1 root root	2167 Aug 27 23:15	cstdint
-rw-r--r-- 1 root root	4395 Aug 27 23:15	cstdio
-rw-r--r-- 1 root root	6597 Aug 27 23:15	cstdlib
-rw-r--r-- 1 root root	3123 Aug 27 23:15	cstring
-rw-r--r-- 1 root root	1343 Aug 27 23:15	ctgmath
-rw-r--r-- 1 root root	2125 Aug 27 23:15	ctime
-rw-r--r-- 1 root root	6497 Aug 27 23:15	cwchar
-rw-r--r-- 1 root root	2793 Aug 27 23:15	cwctype
-rw-r--r-- 1 root root	22049 Aug 27 23:15	cxxabi.h

drwxr-xr-x 2 root root	4096 Dec 18 02:47	debug
drwxr-xr-x 2 root root	4096 Dec 18 02:47	decimal
-rw-r--r- 1 root root	2665 Aug 27 23:15	deque
-rw-r--r- 1 root root	5322 Aug 27 23:15	exception
drwxr-xr-x 2 root root	4096 Dec 18 02:47	experimental
drwxr-xr-x 3 root root	4096 Dec 18 02:47	ext
-rw-r--r- 1 root root	2020 Aug 27 23:15	fenv.h
-rw-r--r- 1 root root	1577 Aug 27 23:15	forward_list
-rw-r--r- 1 root root	33851 Aug 27 23:15	fstream
-rw-r--r- 1 root root	74992 Aug 27 23:15	functional
-rw-r--r- 1 root root	50283 Aug 27 23:15	future
-rw-r--r- 1 root root	2974 Aug 27 23:15	initializer_list
-rw-r--r- 1 root root	16196 Aug 27 23:15	iomanip
-rw-r--r- 1 root root	1601 Aug 27 23:15	ios
-rw-r--r- 1 root root	6919 Aug 27 23:15	iosfwd
-rw-r--r- 1 root root	2695 Aug 27 23:15	iostream
-rw-r--r- 1 root root	30941 Aug 27 23:15	istream
-rw-r--r- 1 root root	2644 Aug 27 23:15	iterator
-rw-r--r- 1 root root	69375 Aug 27 23:15	limits
-rw-r--r- 1 root root	2594 Aug 27 23:15	list
-rw-r--r- 1 root root	1488 Aug 27 23:15	locale
-rw-r--r- 1 root root	2559 Aug 27 23:15	map
-rw-r--r- 1 root root	4303 Aug 27 23:15	memory
-rw-r--r- 1 root root	19390 Aug 27 23:15	mutex
-rw-r--r- 1 root root	4678 Aug 27 23:15	new
-rw-r--r- 1 root root	2782 Aug 27 23:15	numeric
-rw-r--r- 1 root root	20261 Aug 27 23:15	ostream
drwxr-xr-x 2 root root	4096 Dec 18 02:47	parallel
drwxr-xr-x 3 root root	4096 Dec 18 02:47	profile
-rw-r--r- 1 root root	2467 Aug 27 23:15	queue
-rw-r--r- 1 root root	1692 Aug 27 23:15	random
-rw-r--r- 1 root root	19142 Aug 27 23:15	ratio
-rw-r--r- 1 root root	1853 Aug 27 23:15	regex
-rw-r--r- 1 root root	16023 Aug 27 23:15	scoped_allocator
-rw-r--r- 1 root root	2559 Aug 27 23:15	set
-rw-r--r- 1 root root	17416 Aug 27 23:15	shared_mutex
-rw-r--r- 1 root root	26369 Aug 27 23:15	sstream
-rw-r--r- 1 root root	2391 Aug 27 23:15	stack
-rw-r--r- 1 root root	7372 Aug 27 23:15	stdexcept
-rw-r--r- 1 root root	29558 Aug 27 23:15	streambuf
-rw-r--r- 1 root root	1943 Aug 27 23:15	string
drwxr-xr-x 5 root root	4096 Jul 2 2018 sun	
-rw-r--r- 1 root root	10884 Aug 27 23:15	system_error
-rw-r--r- 1 root root	1360 Aug 27 23:15	tgmath.h
-rw-r--r- 1 root root	7728 Aug 27 23:15	thread
drwxr-xr-x 2 root root	12288 Dec 18 02:47	tr1
drwxr-xr-x 2 root root	4096 Dec 18 02:47	tr2
-rw-r--r- 1 root root	38760 Aug 27 23:15	tuple
-rw-r--r- 1 root root	3093 Aug 27 23:15	typeindex
-rw-r--r- 1 root root	7685 Aug 27 23:15	typeinfo
-rw-r--r- 1 root root	68840 Aug 27 23:15	type_traits
-rw-r--r- 1 root root	1857 Aug 27 23:15	unordered_map
-rw-r--r- 1 root root	1856 Aug 27 23:15	unordered_set
-rw-r--r- 1 root root	8477 Aug 27 23:15	utility
-rw-r--r- 1 root root	40259 Aug 27 23:15	valarray
-rw-r--r- 1 root root	2748 Aug 27 23:15	vector