

# Cetus Testing Results

May 27, 2023

## 1 C++98

	Parsing		Code Generation		Idempotency		Correctness	
	Time	Success	Time	Success	Tries	Success	Time	Success
00_and	0	False	0	N/A	0	N/A	0	N/A
01_and_eq	0	False	0	N/A	0	N/A	0	N/A
02_bitand	0	False	0	N/A	0	N/A	0	N/A
03_bitor	0	False	0	N/A	0	N/A	0	N/A
04_bool	0	False	0	N/A	0	N/A	0	N/A
05_break	0	False	0	N/A	0	N/A	0	N/A
06_case	0	False	0	N/A	0	N/A	0	N/A
07_catch	0	False	0	N/A	0	N/A	0	N/A
08_char	130	True	0	False	0	N/A	0	N/A
09_class	0	False	0	N/A	0	N/A	0	N/A
10_compl	0	False	0	N/A	0	N/A	0	N/A
11_const	0	False	0	N/A	0	N/A	0	N/A
12_const_cast	0	False	0	N/A	0	N/A	0	N/A
13_continue	0	False	0	N/A	0	N/A	0	N/A
14_default	0	False	0	N/A	0	N/A	0	N/A
15_delete	0	False	0	N/A	0	N/A	0	N/A
16_do	0	False	0	N/A	0	N/A	0	N/A
17_double	0	False	0	N/A	0	N/A	0	N/A
18_dynamic_cast	0	False	0	N/A	0	N/A	0	N/A
19_else	133	True	0	False	0	N/A	0	N/A
20_enum	130	True	0	False	0	N/A	0	N/A
21_explicit	0	False	0	N/A	0	N/A	0	N/A
22_extern	0	False	0	N/A	0	N/A	0	N/A
23_false	0	False	0	N/A	0	N/A	0	N/A
24_float	0	False	0	N/A	0	N/A	0	N/A
25_for	0	False	0	N/A	0	N/A	0	N/A
26_friend	0	False	0	N/A	0	N/A	0	N/A
27_goto	0	False	0	N/A	0	N/A	0	N/A
28_if	0	False	0	N/A	0	N/A	0	N/A
29_inline	137	True	0	False	0	N/A	0	N/A
30_int	0	False	0	N/A	0	N/A	0	N/A
31_long	0	False	0	N/A	0	N/A	0	N/A

	Parsing		Code Generation		Idempotency		Correctness	
	Time	Success	Time	Success	Tries	Success	Time	Success
32_mutable	0	False	0	N/A	0	N/A	0	N/A
33_namespace	0	False	0	N/A	0	N/A	0	N/A
34_new	0	False	0	N/A	0	N/A	0	N/A
35_not	0	False	0	N/A	0	N/A	0	N/A
36_not_eq	0	False	0	N/A	0	N/A	0	N/A
37_operator	0	False	0	N/A	0	N/A	0	N/A
38_or	0	False	0	N/A	0	N/A	0	N/A
39_or_eq	0	False	0	N/A	0	N/A	0	N/A
40_private	0	False	0	N/A	0	N/A	0	N/A
41_protected	0	False	0	N/A	0	N/A	0	N/A
42_public	0	False	0	N/A	0	N/A	0	N/A
43_register	0	False	0	N/A	0	N/A	0	N/A
44_reinterpret_cast	0	False	0	N/A	0	N/A	0	N/A
45_return	0	False	0	N/A	0	N/A	0	N/A
46_short	0	False	0	N/A	0	N/A	0	N/A
47_signed	0	False	0	N/A	0	N/A	0	N/A
48_sizeof	0	False	0	N/A	0	N/A	0	N/A
49_static	0	False	0	N/A	0	N/A	0	N/A
50_static_cast	0	False	0	N/A	0	N/A	0	N/A
51_struct	127	True	0	False	0	N/A	0	N/A
52_switch	0	False	0	N/A	0	N/A	0	N/A
53_template	0	False	0	N/A	0	N/A	0	N/A
54_this	0	False	0	N/A	0	N/A	0	N/A
55_throw	0	False	0	N/A	0	N/A	0	N/A
56_true	0	False	0	N/A	0	N/A	0	N/A
57_try	0	False	0	N/A	0	N/A	0	N/A
58_typedef	131	True	0	False	0	N/A	0	N/A
59_typeid	0	False	0	N/A	0	N/A	0	N/A
60_typename	0	False	0	N/A	0	N/A	0	N/A
61_union	126	True	0	False	0	N/A	0	N/A
62_unsigned	117	True	0	False	0	N/A	0	N/A
63_using	0	False	0	N/A	0	N/A	0	N/A
64_virtual	0	False	0	N/A	0	N/A	0	N/A
65_void	0	False	0	N/A	0	N/A	0	N/A
66_volatile	0	False	0	N/A	0	N/A	0	N/A
67_wchar_t	0	False	0	N/A	0	N/A	0	N/A
68_while	107	True	0	False	0	N/A	0	N/A
69_xor	0	False	0	N/A	0	N/A	0	N/A
70_xor_eq	0	False	0	N/A	0	N/A	0	N/A

## 2 C++11

	Parsing		Code Generation		Idempotency		Correctness	
	Time	Success	Time	Success	Tries	Success	Time	Success
<b>00_alignas</b>	0	False	0	N/A	0	N/A	0	N/A
<b>01_alignof</b>	0	False	0	N/A	0	N/A	0	N/A
<b>02_auto</b>	130	True	0	False	0	N/A	0	N/A
<b>03_char16_t</b>	0	False	0	N/A	0	N/A	0	N/A
<b>04_char32_t</b>	0	False	0	N/A	0	N/A	0	N/A
<b>05_constexpr</b>	0	False	0	N/A	0	N/A	0	N/A
<b>06_decltype</b>	0	False	0	N/A	0	N/A	0	N/A
<b>07_noexcept</b>	0	False	0	N/A	0	N/A	0	N/A
<b>08_nullptr</b>	0	False	0	N/A	0	N/A	0	N/A
<b>09_static_assert</b>	0	False	0	N/A	0	N/A	0	N/A
<b>10_thread_local</b>	0	False	0	N/A	0	N/A	0	N/A

### 3 C++20

	Parsing		Code Generation		Idempotency		Correctness	
	Time	Success	Time	Success	Tries	Success	Time	Success
<b>00_char8_t</b>	0	False	0	N/A	0	N/A	0	N/A
<b>01_concept</b>	0	False	0	N/A	0	N/A	0	N/A
<b>02_consteval</b>	0	False	0	N/A	0	N/A	0	N/A
<b>03_constinit</b>	0	False	0	N/A	0	N/A	0	N/A
<b>04_co_await_nf</b>	0	False	0	N/A	0	N/A	0	N/A
<b>05_co_return_nf</b>	0	False	0	N/A	0	N/A	0	N/A
<b>06_co_yield</b>	0	False	0	N/A	0	N/A	0	N/A
<b>07_export</b>	0	False	0	N/A	0	N/A	0	N/A
<b>08_requires</b>	0	False	0	N/A	0	N/A	0	N/A

## 4 Percentages

Percentage of passed tests: 9.9 %