

Type **Bounds** Lifetime Initialisation **Arithmetic Thread**

C++23 Static type system reinterpret_cast Asan Partially enforced/ Asan MSan/Asan UBsan Tsan

Circle

Static type system

Checked

Enforced borrow checker

Enforced

Checked/ defined

Enforced sync/send & BC

cpp2

Static type system

Checked

Partially enforced/checked

Enforced

Checked

Tsan

iso c++ Profile: Type* Profile: Ranges, Algorithms & Pointers Profile: RAII Profile: Initialisation Profile: Arithmetic Tsan

Type	
Bounds	
Lifetime	
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Arithmetic	
Thread	



Circle Static type system Checked Enforced borrow checker Enforced Checked/defined Enforced sync/send & BC

cpp2 Static type system Checked Partially enforced/ checked Enforced Checked Tsan

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