



## ros:

Basically statically safe/enforced

Arithmetic implementation defined (to maximise performance)

Divide by 0, signed integer overflow

## Cons:

DSL - need additional app/plugin logic

Need to add Cmajor runtime

Aided by plugin export tools

Type	Static
Bounds	Enforced
Lifetime	Static
Initialisation	Default initialised
Arithmetic	Implementation defined
Thread	Single* threaded
Definition	Single file



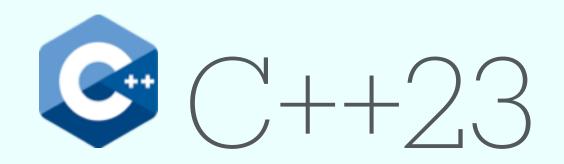
## • Pros:

- Basically statically safe/enforced
- Arithmetic implementation defined (to maximise performance)
  - Divide by 0, signed integer overflow
- Fast

## Cons:

- DSL need additional app/plugin logic
- Need to add Cmajor runtime
  - Aided by plugin export tools

Туре	Static
Bounds	Enforced
Lifetime	Static
Initialisation	Default initialised
Arithmetic	Implementation defined
Thread	Single* threaded
Definition	Single file



Type	Static type system reinterpret_cast
Bounds	Asan
Lifetime	Asan
Initialisation	MSan/Asan
Arithmetic	UBsan
Thread	Tsan
Definition	Modules