Conclusion

- Use Cmajor/JS if appropriate

  - Minimise unsafe surface area

- For C++ code ->

  - Help is coming (C++26/29?) 🙏

- Start using cpp2

  - Safer defaults

  - Keep C++ code

- Eventually borrow checked C++?

  - wg21.link/P3390

Code style	Modern/safer libraries
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Compiler warnings	`-Wall/extra/pedantic`
Compiler flags	-ftrapv _LIBCPP_HARDENING_MODE_DEBUG/ FAST=1
Debugging	Asan/UBsan
Tests	Tsan
CI	Static analyser

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Can Audio Programming be Safe?

David Rowland

 X *@drowaudio*

Questions?

Slides/video:

drowaudio.github.io/presentations