

Check Before You Wreck:

Enforcing safety in monadic types

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<https://www.riskpath.co.uk/presentations/CheckBeforeYouWreck.pdf>

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std::optional and *std::expected* are powerful tools for reducing or even eliminating exceptions, bringing clarity and stronger design to large codebases.

Yet both come with significant pitfalls. This talk explores how class wrappers can mitigate these issues and how the same techniques extend naturally to pointers, smart pointers, and other types that can be viewed through a monadic lens.

Class Wrappers



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