README

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1 Template Meta Programming

Template Meta Programming (TMP) produces code able to take types as input, apply operations on them, and/or return some types as a result. It enables to put contraints on the parameters of templates. It also calculates by anticipation, at compile time, any function whose input is known in advance. Such code, such as the eigen library, is both high-level and efficient. Drawbacks are long compilation time, often unreadable error messages and inflated binaries. * Legacy TMP * Types Handling * Substitution Failure Is Not An Error * Concepts

1.1 Sources

- Effective Modern C++