

# README

June 3, 2024

## 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 constraints 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++](#)

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