IMPLEMENATION OF MACRO PROCESSOR USING FILE OPERATIONS

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ABSTRACT

The design objective for this macro processor is to be as powerful as possible and yet remain simple to use and implement. It was developed primarily to manipulate computer programs where the processor takes a symbol table plus a program template containing macros and produces a specific program. This approach is applied to the macro processor itself. The macro processor template may be run through the portable macro processor to produce a version tailored to the local computing environment. Example: In particular, it is easy to produce a IBM 360 version of the macro processor. We consider macro processors to be a particular kind of translator writing system rather than simply a mechanism for performing textual replacement.

KEYWORDS: Macro, Macro Expansion