

**NAME**

tmg – compiler-compiler

**SYNOPSIS**

**tmg** name

**DESCRIPTION**

*Tmg* produces a translator for the language whose parsing and translation rules are described in file name.t. The new translator appears in a.out and may be used thus:

**a.out** input [ output ]

Except in rare cases input must be a randomly addressable file. If no output file is specified, the standard output file is assumed.

**FILES**

/sys/tmg/tmgl.o	the compiler-compiler
/sys/tmg[abc]	libraries
alloc.d	table storage

**SEE ALSO**

A Manual for the Tmg Compiler-writing Language, internal memorandum.

**DIAGNOSTICS**

Syntactic errors result in "???" followed by the offending line.

Situations such as space overflow with which the Tmg processor or a Tmg-produced processor can not cope result in a descriptive comment and a dump.

**AUTHOR**

M. D. McIlroy

**BUGS**

9.2 footnote 1 is not enforced, causing trouble.

Restrictions (7.) against mixing bundling primitives should be lifted.

Certain hidden reserved words exist: gpar, classtab, trans.

Octal digits include 8=10 and 9=11.