

NAME

teckel – an interpreter for abstract algorithms

SYNOPSIS

teckel [**-p***prognam*e **-L** **-x***advanced_options* **-t***trace_options*] *tex_file* ...

DESCRIPTION

teckel extracts from the input file(s) the *teckel* program named *prognam*e, and interprets it.

There are the following options:

- p** Specifies the *teckel* program. If no **-p** parameter is given, all text between **%teckel on** and **%teckel off** in the input file(s) is part of the program
- L** also prints the result(s) in long form
- t** Specifies the trace options:
 - c** checks the program tree before and after each reduction
 - l** prints the token list after the lexical scan
 - m** prints memory statistics at various points
 - [Q|q]** produces a qobitree after each reduction, on *qobitree.tex*; **q** = actual nodes only
 - R** prints the program tree after each reduction
- x** Specifies the advanced options:
 - D** runs the teckel in depth-first order
 - l** stops after the lexical phase and prints the program in various forms
 - m** stops after the macro phase, idem
 - n** stops after the prescan phase, idem
 - p** stops after the parse phase, idem
 - P** stops after the postscan phase, idem

SEE ALSO

Several documents in the *teckel* directory.

BUGS

It's nowhere near finished, or even remotely usable.

The parser uses a Generalized LR algorithm, which sometimes reports an error way past the actual error.

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