

NAME

deweb – strips away C & CWEB commands from CWEB sources

SYNOPSIS

deweb [**file1 file2 ...**]

DESCRIPTION

deweb filters away all C & CWEB commands from a CWEB source code. This leaves only the *LaTeX* code. This stripped code, in turn, may then be passed to a suitable syntax checker for *LaTeX*, like *ChkTeX* and *lacheck*, or spell-checkers like *ispell*.

The *chkweb* tool, included in the *ChkTeX* distribution will do just this; writing similar scripts should be trivial.

When *deweb* strips away the C code from your CWEB source, it tries to preserve line breaks. This means that the error reports from *<your favorite tool>* will be correct regarding to line numbers. In most cases, the column position will also be correct. This significantly simplifies finding the errors in the *LaTeX* source (in contrast to the output from *cweave*, which output is truly difficult to figure anything out from).

deweb accepts a list of filenames on the argument line, and will send its output to *stdout*. If no filenames are given, it will read from *stdin*, acting as a filter. No options are currently accepted.

Macho users may try to pipe the output from *deweb* directly into *LaTeX*, theoretically, this should work. This would ease the debugging of the *LaTeX* code significantly, as when *LaTeX* complains about wrong syntax, you'll be able to find the erroneous line much more easily. Don't expect that the output looks very much like the final one, though.

deweb should now understand all correct *CWEB* opcodes. If it complains about not understanding a correct opcode, please inform the author.

DISTRIBUTION

Copyright (C) 1996 Jens T. Berger Thielemann

This program is free software; you can redistribute it and/or modify it under the terms of the *GNU General Public License* as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but **WITHOUT ANY WARRANTY**; without even the implied warranty of **MERCHANTABILITY** or **FITNESS FOR A PARTICULAR PURPOSE**. See the *GNU General Public License* for more details.

You should have received a copy of the **GNU General Public License** along with this program; if not, write to the *Free Software Foundation, Inc.*, 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

ENVIRONMENT

No environment variables are used.

FILES

None.

AUTHOR

Jens T. Berger Thielemann, *<jensthi@ifi.uio.no>*

SEE ALSO

cweave(1), perl(1), chktex, lacheck(1), ispell(1)

BUGS

Doesn't even **compile** under *Perl* versions before perl v5. Unfortunately, this means that we can't even tell the user why we failed; *Perl* will just complain about not being able to compile the reg-exps.

The program will try to swallow the whole input file at once, instead of processing it on a line-by-line basis.