

**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**

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**ENVIRONMENT**

No environment variables are used.

**FILES**

None.

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**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.