

NAME

mkchdr – creates a C header file from a type table

SYNOPSIS

mkchdr <tbl-file> [output-file]

DESCRIPTION

mkchdr will generate a C header file from the given type table. The C data structures will be written to the given output file. If an output file is not given, the C header is written to stdout.

The generated C data structure is the value representation that table driven encoder expects (and decoder returns) for the type definitions in the given type table. The table driven encoder and decoder, etc. routines do not use the generated header - they treat the data in a generic way. The generated header file simply saves you the hassle of dealing with ASN.1 values in the same generic way. Instead you get properly named structs and field names. You do not need to use mkchdr to use the table driven encoders etc. but it is recommended.

FILES

snacc/tbl-tools/mkchdr/ Source code for the mkchdr program

BUGS

There is no means of customizing the generated data structure.

COPYING

Copyright (c) 1993 Mike Sample and the University of British Columbia

Permission is granted to make and distribute verbatim copies of this manual provided the copyright notice and this permission notice are preserved on all copies.

Permission is granted to copy and distribute modified versions of this manual under the conditions for verbatim copying, provided that the entire resulting derived work is distributed under the terms of a permission notice identical to this one.

AUTHOR

Mike Sample <msample@cs.ubc.ca>, University of British Columbia

ACKNOWLEDGEMENTS

This work was made possible by grants from the Canadian Institute for Telecommunications Research (CITR) and Natural Sciences and Engineering Research Council of Canada (NSERC).