NAME

t1asm − assemble type-1 font

SYNOPSIS

t1asm [**-b**] [**−l** *length*] [*input* [*output*]]

DESCRIPTION

t1asm assembles Adobe type-1 font programs into either PFA (hexadecimal) or PFB (binary) formats from a human-readable form. If the file *output* is not specified output goes to the standard output. If the file *input* is not specified input comes from the standard input. In this way **t1disasm** can be used as a filter.

t1disasm tokenizes the charstring data and performs eexec and charstring encryption as specified in the *Adobe Type 1 Font Format,* the Adobe black book.

The input is required to have a line of the form

/-|{string currentfile exch readstring pop}executeonly def

which defines the command, in this case '−|', that is to start charstring data. It is an error not to define such a command. Another common name for this command is 'RD'.

After the start of the **Subrs** array in the input, all open braces '{' not in a comment begin a charstring. Such a charstring is terminated by the next non-comment close brace '}'. Within such a charstring, only comments, integers, and valid charstring commands are allowed. The format within a charstring is unimportant as long as integers and commands are separated by at least a one whitespace (space, tab, newling) character. Note that within charstrings, comments are discarded because they cannot be encoded.

OPTIONS

−b Output in PFB (binary) format.

−l *length* Set the maximum length of sections in PFB output to *length.* Default value is large, 2**17 - 6, yielding section size, including section header, of 128 Kbytes. *length* has no effect on PFA output.

EXAMPLES

example% t1asm Utopia-Regular.raw Utopia-Regular.pfa
example% t1asm -b Utopia-Regular.raw Utopia-Regular.pfb

SEE ALSO

t1disasm(1), **t1binary**(1), **t1ascii**(1)

Adobe Type 1 Font Format

BUGS

None known.

AUTHOR

Lee Hetherington (ilh@lcs.mit.edu)