NAME

t1disasm − disassemble type-1 font

SYNOPSIS

t1disasm [*input* [*output*]]

DESCRIPTION

t1disasm dissassembles Adobe type-1 font programs in either PFA (hexadecimal) or PFB (binary) formats into 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 performs eexec and charstring decryption as specified in the *Adobe Type 1 Font Format,* the Adobe black book. Additionally, the charstring binary tokens are expanded into human-readable text form.

EXAMPLES

example% t1disasm Utopia-Regular.pfb Utopia-Regular.raw
example% t1disasm Utopia-Regular.pfa Utopia-Regular.raw

In this case, the resulting **Subrs** entries look like

```
dup 5 {
    8 111 vstem
    -12 128 hstem
    707 -20 hstem
    return
    } |
```

and the **CharStrings** entries like

```
/exclam {
    58 242 hsbw
    6 callsubr
    5 4 callsubr
    63 707 rmoveto
    -54 0 -5 -22 4 -45 rrcurveto
    40 -431 rlineto
    29 hlineto
    42 431 rlineto
    4 45 -5 22 -55 0 rrcurveto
    closepath
    6 4 callsubr
    -719 vmoveto
    243 callsubr
    endchar
    } |-
```

in Utopia-Regular.raw.

SEE ALSO

t1asm(1), **t1binary**(1), **t1ascii**(1)

Adobe Type 1 Font Format

BUGS

None known.

AUTHOR

Lee Hetherington (ilh@lcs.mit.edu)