

NAME

pbmupc - create a Universal Product Code bitmap

SYNOPSIS

pbmupc [-s1|-s2] *type manufac product*

DESCRIPTION

Generates a Universal Product Code symbol. The three arguments are: a one digit product type, a five digit manufacturer code, and a five digit product code. For example, "0 72890 00011" is the code for Heineken.

As presently configured, *pbmupc* produces a bitmap 230 bits wide and 175 bits high. The size can be altered by changing the defines at the beginning of the program, or by running the output through *pnmenlarge* or *pnmscale*.

OPTIONS

The **-s1** and **-s2** flags select the style of UPC to generate. The default, **-s1**, looks more or less like this:

```

|||||
|||||
|||||
|||||
0||12345||67890||5

```

The other style, **-s2**, puts the product type digit higher up, and doesn't display the checksum digit:

```

|||||
|||||
0|||||
|||||
||12345||67890||

```

SEE ALSO

pbm(5)

AUTHOR

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