

xtango - run an xtango animation on an input file
opal - run an opal animation on an input file
polka - run a polka animation on an input file
gsamba - run samba on an input file

SYNOPSIS

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xtango [-[hHqv]] [animation_program [n]]  
opal - [-[hHqv]] [animation_program input]  
polka [-[hHqv]] [animation_program [n]]  
gsamba [-[hHqv]] [example]
```

DESCRIPTION

If called with the `-h` option or with no arguments `xtango` (or `polka` or `gsamba` or `opal`) pipes this manpage to `less`. With the `-H` option this manpage is printed without piping through `less`. The `-v` option prints the version number. The `-q` option redirects any standard output to `/dev/null`. Otherwise, `xtango` (or `polka` or `gsamba` or `opal`) expects either one or two arguments.

When called as `xtango` or `polka`, the first (of up to two) arguments, `animation_program`, must either be `'perffhash'` or a program in the `LIB/xtango/anims` directory (`xtango`) or the `LIB/polka/Anims` directory (`polka`) where `LIB`, in this incarnation, is `/usr/local/lib`; and the second of which `n`, when given should be an integer. When `animation_program` is `'perffhash'`, George Havas's perfect hashing algorithm (implemented by Boden Majewski and animated by Julie Lawrence) is run on a prescribed list of words. In the more general case, `animation_program` is run on a `.in` file, if one exists, in the same directory as `animation_program`. The `.in` filename is formed from a concatenation of the arguments `animation_program` and `n` (or the null string if no second argument is given) and the string `'.in'`.

When called as `gsamba`, only one argument, `example`, is expected. It is used to construct the name of an input file in the directory name `LIB/polka/Samba/Examples`, where `LIB` is `/usr/local/lib`, by globbing. If `example` extends non-uniquely to a filename, a warning is issued and one of the possibilities is selected.

When called as `opal`, the first argument is the program, and the second argument `input` is a file in `LIB/opal/demo`, where `LIB` is `/usr/local/lib`. At the time of writing the only `opal` working `opal` program was `hnf` which can be called with many options. To make the program and its options appear as one Perl argument, the `opal` program along with its options should be enclosed in quotes.

OPTIONS

`-h`, (or no args) Print this man page, by piping to `less`.
`-H` Print this man page, but do not pipe to `less`.
`-q` Quiet mode. Redirects standard output and standard error to `/dev/null`.
`-v` Print version number and exit.

CHANGES

Version 1.0: 1999/03/31: First release.

Version 1.1: 1999/04/12: To get rid of most of the dialog

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boxes when run via animate (e.g. when run as an application from Netscape), a -q option was added to redirect standard output to /dev/null. This doesn't get rid of the XTango or Polka identification.

Version 1.2: 1999/04/19: The -q option now also gets rid of the standard error XTango/Polka identification.

Version 1.3: 1999/05/05: Corrected a few typos.

Version 1.4: 1999/05/27: Now runs samba animations when called as gsamba.

Version 1.5: 1999/05/28: Gsamba now globs for filenames instead of appending '.anim' or '.in' extensions.

Version 1.6: 1999/06/07: Now runs opal animations as opal.

BUGS

Xtango/polka/gsamba/opal is only known to work properly with Perl 5.004_04, but should work with 5.001 or later.

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VERSION 1.6

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