NAME

    fflagstostr, **strtofflags** - convert between file flag bits and their string names

LIBRARY

    Standard C Library (libc, -lc)

SYNOPSIS

    #include <unistd.h>

    char *
    fflagstostr(*u_long flags*);

    int
    strtofflags(*char **stringp*, *u_long *setp*, *u_long *clrp*);

DESCRIPTION

    The **fflagstostr**() function returns a comma separated string of the file flags represented by *flags*. If no
    flags are set a zero length string is returned.

    If memory cannot be allocated for the return value, **fflagstostr**() returns NULL.

    The value returned from **fflagstostr**() is obtained from **malloc**() and should be returned to the system
    with **free**() when the program is done with it.

    The **strtofflags**() function takes a string of file flags, as described in chflags(1), parses it, and returns the
    'set' flags and 'clear' flags such as would be given as arguments to chflags(2). On success **strtofflags**()
    returns 0, otherwise it returns non-zero and *stringp* is left pointing to the offending token.

ERRORS

    The **fflagstostr**() function may fail and set errno for any of the errors specified for the library routine
    malloc(3).

SEE ALSO

    chflags(1), chflags(2), malloc(3)

HISTORY

    The **fflagstostr**() and **strtofflags**() functions first appeared in FreeBSD 4.0.