

NAME

sysdecode_fcntl_arg, **sysdecode_fcntl_arg_p** - output description of fcntl argument

LIBRARY

System Argument Decoding Library (libsysdecode, -lsysdecode)

SYNOPSIS

```
#include <sysdecode.h>
```

void

```
sysdecode_fcntl_arg(FILE *fp, int cmd, uintptr_t arg, int base);
```

bool

```
sysdecode_fcntl_arg_p(int cmd);
```

DESCRIPTION

The **sysdecode_fcntl_arg()** function outputs a text description of the optional *arg* argument to fcntl(2) to the stream *fp*. The type and format of *arg* are determined by *cmd*:

Command	<i>arg</i> Type	Output Format
F_SETFD	<i>int</i>	"FD_CLOEXEC" or the value of <i>arg</i> in the indicated <i>base</i> (one of 8, 10, or 16).
F_SETFL	<i>int</i>	File flags as output by sysdecode_fcntl_fileflags(3) with any unknown or remaining bits output in hexadecimal.
F_GETLK	<i>struct flock</i> *	
F_SETLK	<i>struct flock</i> *	
F_SETLKW	<i>struct flock</i> *	The value of <i>arg</i> using the "%p" conversion specification.
Others	<i>int</i>	The value of <i>arg</i> in the indicated <i>base</i> (one of 8, 10, or 16).

The **sysdecode_fcntl_arg_p()** function can be used to determine if a fcntl(2) command uses the optional third argument to fcntl(2). The function returns true if *cmd* accepts a third argument to fcntl(2) and false if it does not.

RETURN VALUES

The **sysdecode_fcntl_arg_p** function returns true if *cmd* accepts a third argument to fcntl(2) and false if it does not.

SEE ALSO

sysdecode(3), sysdecode_fcntl_cmd(3), sysdecode_fcntl_fileflags(3)