

```

1: #ifndef _IO_POLL_H /* wrapper symbol for kernel use */
2: #define _IO_POLL_H /* subject to change without notice */
3: #define _SYS_POLL_H /* SVR4.0COMPAT */
4:
...
31:
32: /*
33: * Testable select events
34: */
35: #define POLLIN      0x0001 /* fd is readable */
36: #define POLLPRI     0x0002 /* high priority info on fd */
37: #define POLLOUT     0x0004 /* fd is writeable (won't block) */
38: #define POLLRDNORM  0x0040 /* normal data is readable */
39: #define POLLWRNORM  POLLOUT
40: #define POLLRDBAND  0x0080 /* out-of-band data is readable */
41: #define POLLWRBAND  0x0100 /* out-of-band data is writeable */
42:
43: #define POLLNORM    POLLRDNORM
44:
45: /*
46: * Non-testable poll events (may not be specified in events field,
47: * but may be returned in revents field).
48: */
49: #define POLLERR     0x0008 /* fd has error condition */
50: #define POLLHUP     0x0010 /* fd has been hung up on */
51: #define POLLNVAL    0x0020 /* invalid pollfd entry */
52:
53: #if defined(_KERNEL) || defined(_KMEMUSER)
54: /*
55: * Poll list head structure. A pointer to this is passed
56: * to pollwakeupp() from the caller indicating the event has
57: * occurred.
58: */
...
110: #endif /* _IO_POLL_H */

```

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2: This file is part of the GNU C Library.
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15: License along with the GNU C Library; if not, write to the Free
16: Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA
17: 02111-1307 USA. */
18:
19: #ifndef _SYS_POLL_H
20: # error "Never use <bits/poll.h> directly; include <sys/poll.h> instead."
21: #endif
22:
23: /* Event types that can be polled for. These bits may be set in `events'
24: to indicate the interesting event types; they will appear in `revents'
25: to indicate the status of the file descriptor. */
26: #define POLLIN      01 /* There is data to read. */
27: #define POLLPRI     02 /* There is urgent data to read. */
28: #define POLLOUT     04 /* Writing now will not block. */
29:
30: #ifdef __USE_XOPEN
31: /* These values are defined in XPG4.2. */
32: # define POLLRDNORM  POLLIN /* Normal data may be read. */
33: # define POLLRDBAND  POLLPRI /* Priority data may be read. */
34: # define POLLWRNORM  POLLOUT /* Writing now will not block. */
35: # define POLLWRBAND  POLLOUT /* Priority data may be written. */
36: #endif
37:
38: /* Event types always implicitly polled for. These bits need not be set in
39: `events', but they will appear in `revents' to indicate the status of
40: the file descriptor. */
41: #define POLLERR     010 /* Error condition. */
42: #define POLLHUP     020 /* Hung up. */
43: #define POLLNVAL    040 /* Invalid polling request. */

```