

in

COLLABORATORS

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| | <i>TITLE :</i> in | | |
| <i>ACTION</i> | <i>NAME</i> | <i>DATE</i> | <i>SIGNATURE</i> |
| WRITTEN BY | | February 12, 2023 | |

REVISION HISTORY

| NUMBER | DATE | DESCRIPTION | NAME |
|--------|------|-------------|------|
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Chapter 1

in

1.1 ModuleInformation

```
ShowModule v1.10 (c) 1992 $#%!
now showing: "devices/inputevent.m"
NOTE: don't use this output in your code, use the module instead.
```

```
(----) OBJECT inputevent
(  0)  nextevent:PTR TO inputevent
(  4)  class:CHAR
(  5)  subclass:CHAR
(  6)  code:INT
(  8)  qualifier:INT
( 10)  eventaddress:LONG
( 10)  x:INT
( 10)  prev1downcode:CHAR
( 11)  prev1downqual:CHAR
( 12)  y:INT
( 12)  prev2downcode:CHAR
( 13)  prev2downqual:CHAR
( 14)  timestamp:timeval (or ARRAY OF timeval)
(----) ENDOBJECT      /* SIZEOF=22 */
```

```
(----) OBJECT ienewtable
(  0)  callback:PTR TO hook
(  4)  scaledx:INT
(  6)  scaledy:INT
(  8)  scaledxfraction:INT
( 10)  scaledyfraction:INT
( 12)  tabletx:LONG
( 16)  tablety:LONG
( 20)  rangex:LONG
( 24)  rangey:LONG
( 28)  taglist:PTR TO tagitem
(----) ENDOBJECT      /* SIZEOF=32 */
```

```
(----) OBJECT iepointertable
(  0)  rangex:INT
(  2)  rangey:INT
(  4)  valuex:INT
(  6)  valuey:INT
```

```
( 8)  pressure:INT
(----) ENDOBJECT      /* SIZEOF=10 */

(----) OBJECT iepointerpixel
( 0)  screen:PTR TO screen
( 4)  positionx:INT
( 6)  positiony:INT
(----) ENDOBJECT      /* SIZEOF=8 */

CONST IEQUALIFIERB_REPEAT=9,
      IEQUALIFIER_REPEAT=$200,
      IECLASS_GADGETDOWN=7,
      IECLASS_NEWPOINTERPOS=19,
      IECLASS_POINTERPOS=4,
      IECODE_NEWACTIVE=1,
      IESUBCLASS_PIXEL=1,
      IEQUALIFIERB_LALT=4,
      IEQUALIFIER_LALT=16,
      IECODE_REFRESH=3,
      IECLASS_NULL=0,
      IEQUALIFIERB_CAPSLOCK=2,
      IEQUALIFIER_CAPSLOCK=4,
      IECLASS_NEWPREFS=14,
      IESUBCLASS_NEWTABLET=3,
      IESUBCLASS_TABLET=2,
      IEQUALIFIERB_CONTROL=3,
      IEQUALIFIER_CONTROL=8,
      IECLASS_EVENT=3,
      IECLASS_DISKINSERTED=16,
      IEQUALIFIERB_RELATIVEMOUSE=15,
      IEQUALIFIER_RELATIVEMOUSE=$8000,
      IECLASS_RAWMOUSE=2,
      IECLASS_TIMER=6,
      IECODE_REQCLEAR=0,
      IEQUALIFIERB_INTERRUPT=10,
      IEQUALIFIER_INTERRUPT=$400,
      IECLASS_DISKREMOVED=15,
      IECLASS_RAWKEY=1,
      IEQUALIFIERB_NUMERICPAD=8,
      IEQUALIFIER_NUMERICPAD=$100,
      IEQUALIFIERB_RSHIFT=1,
      IEQUALIFIERB_LSHIFT=0,
      IEQUALIFIER_RSHIFT=2,
      IEQUALIFIER_LSHIFT=1,
      IECLASS_MENULIST=10,
      IEQUALIFIERB_RALT=5,
      IEQUALIFIER_RALT=$20,
      IEQUALIFIERB_RCOMMAND=7,
      IEQUALIFIERB_LCOMMAND=6,
      IEQUALIFIER_RCOMMAND=$80,
      IEQUALIFIER_LCOMMAND=$40,
      IESUBCLASS_COMPATIBLE=0,
      IECODE_ASCII_DEL=$7F,
      IEQUALIFIERB_LEFTBUTTON=14,
      IEQUALIFIERB_RBUTTON=13,
      IEQUALIFIERB_MIDBUTTON=12,
      IEQUALIFIER_LEFTBUTTON=$4000,
```

```
IEQUALIFIER_RBUTTON=$2000,  
IEQUALIFIER_MIDBUTTON=$1000,  
IECODE_NOBUTTON=$FF,  
IECODE_MBUTTON=$6A,  
IECODE_RBUTTON=$69,  
IECODE_LBUTTON=$68,  
IECODE_REQSET=1,  
IECLASS_REQUESTER=9,  
IEQUALIFIERB_MULTIBROADCAST=11,  
IEQUALIFIER_MULTIBROADCAST=$800,  
IECLASS_GADGETUP=8,  
IECLASS_CHANGEWINDOW=21,  
IECLASS_INACTIVIEWINDOW=18,  
IECLASS_ACTIVIEWINDOW=17,  
IECLASS_REFRESHWINDOW=13,  
IECLASS_SIZEWINDOW=12,  
IECLASS_CLOSEWINDOW=11,  
IECODE_LATIN1_FIRST=$A0,  
IECODE_C1_FIRST=$80,  
IECODE_ASCII_FIRST=$20,  
IECODE_C0_FIRST=0,  
IECODE_COMM_CODE_FIRST=$78,  
IECODE_KEY_CODE_FIRST=0,  
IECODE_LATIN1_LAST=$FF,  
IECODE_C1_LAST=$9F,  
IECODE_ASCII_LAST=$7E,  
IECODE_C0_LAST=31,  
IECODE_COMM_CODE_LAST=$7F,  
IECODE_KEY_CODE_LAST=$77,  
IECODEB_UP_PREFIX=7,  
IECODE_UP_PREFIX=$80,  
IECLASS_MAX=21,  
IECLASS_MENUHELP=20,  
IECODE_NEWSIZE=2
```