

**in**

**COLLABORATORS**

	<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: "intuition/sghooks.m"
NOTE: don't use this output in your code, use the module instead.
```

```
(----) OBJECT sgwork
(  0)  gadget:PTR TO gadget
(  4)  stringinfo:PTR TO stringinfo
(  8)  workbuffer:PTR TO CHAR
( 12)  prevbuffer:PTR TO CHAR
( 16)  modes:LONG
( 20)  ievent:PTR TO inputevent
( 24)  code:INT
( 26)  bufferpos:INT
( 28)  numchars:INT
( 30)  actions:LONG
( 34)  longint:LONG
( 38)  gadgetinfo:PTR TO gadgetinfo
( 42)  editop:INT
(----) ENDOBJECT      /* SIZEOF=44 */
```

```
(----) OBJECT stringextend
(  0)  font:PTR TO textfont
(  4)  pens[2]:ARRAY OF CHAR
(  6)  activepens[2]:ARRAY OF CHAR
(  8)  initialmodes:LONG
( 12)  edithook:PTR TO hook
( 16)  workbuffer:PTR TO CHAR
( 20)  reserved[4]:ARRAY OF LONG
(----) ENDOBJECT      /* SIZEOF=36 */
```

```
CONST SGAF_PREVACTIVE=$40,
      SGAB_PREVACTIVE=6,
      SGA_PREVACTIVE=$40,
      SGAF_NEXTACTIVE=$20,
      SGAB_NEXTACTIVE=5,
      SGA_NEXTACTIVE=$20,
      EO_SPECIAL=13,
      SGAF_REDISPLAY=16,
```

```
SGAB_REDISPLAY=4,  
SGA_REDISPLAY=16,  
SGAF_BEEP=4,  
SGAB_BEEP=2,  
SGA_BEEP=4,  
EO_BADFORMAT=9,  
SGH_KEY=1,  
EO_DELFORWARD=3,  
EO_DELBACKWARD=2,  
SGMF_FIXEDFIELD=2,  
SGMB_FIXEDFIELD=1,  
SGM_FIXEDFIELD=2,  
SGAF_END=2,  
SGAB_END=1,  
SGA_END=2,  
SGAF_USE=1,  
SGAB_USE=0,  
SGA_USE=1,  
EO_BIGCHANGE=10,  
SGH_CLICK=2,  
EO_CLEAR=12,  
EO_RESET=6,  
SGMF_REPLACE=1,  
SGMB_REPLACE=0,  
SGM_REPLACE=1,  
EO_MOVECURSOR=4,  
EO_ENTER=5,  
EO_NOOP=1,  
SGAF_REUSE=8,  
SGAB_REUSE=3,  
SGA_REUSE=8,  
EO_UNDO=11,  
SGMF_NOFILTER=4,  
SGMB_NOFILTER=2,  
SGM_NOFILTER=4,  
EO_INSERTCHAR=8,  
EO_REPLACECHAR=7,  
SGMF_EXITHELP=$80,  
SGMB_EXITHELP=7,  
SGM_EXITHELP=$80
```