

**in**

<b>COLLABORATORS</b>
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	TITLE :  in		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY		May 28, 2025	

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## in

### 1.1 ModuleInformation

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

```
(----) OBJECT appmenuitem
(  0)   private:LONG
(----) ENDOBJECT      /* SIZEOF=4 */

(----) OBJECT appicon
(  0)   private:LONG
(----) ENDOBJECT      /* SIZEOF=4 */

(----) OBJECT appwindow
(  0)   private:LONG
(----) ENDOBJECT      /* SIZEOF=4 */

(----) OBJECT appmessage
(  0)   message:mn (or ARRAY OF mn)
( 20)   type:INT
( 22)   userdata:LONG
( 26)   id:LONG
( 30)   numargs:LONG
( 34)   arglist:PTR TO wbarg
( 38)   version:INT
( 40)   class:INT
( 42)   mousex:INT
( 44)   mousey:INT
( 46)   seconds:LONG
( 50)   micros:LONG
( 54)   reserved[8]:ARRAY OF LONG
(----) ENDOBJECT      /* SIZEOF=86 */

(----) OBJECT freelist
(  0)   numfree:INT
(  2)   memlist:lh (or ARRAY OF lh)
(----) ENDOBJECT      /* SIZEOF=16 */

(----) OBJECT diskobject
```

```
( 0)    magic:INT
( 2)    version:INT
( 4)    gadget:gadget (or ARRAY OF gadget)
(48)    type:CHAR
(49)    pad_byte:CHAR
(50)    defaulttool:PTR TO CHAR
(54)    tooltypes:PTR TO LONG
(58)    currentx:LONG
(62)    currenty:LONG
(66)    drawerdata:PTR TO drawerdata
(70)    toolwindow:PTR TO CHAR
(74)    stacksize:LONG
(----) ENDOBJECT      /* SIZEOF=78 */
```

```
(----) OBJECT drawerdata
( 0)    newwindow:nw (or ARRAY OF nw)
(48)    currentx:LONG
(52)    currenty:LONG
(56)    flags:LONG
(60)    viewmodes:INT
(----) ENDOBJECT      /* SIZEOF=62 */
```

```
(----) OBJECT olddrawerdata
( 0)    newwindow:nw (or ARRAY OF nw)
(48)    currentx:LONG
(52)    currenty:LONG
(----) ENDOBJECT      /* SIZEOF=56 */
```

```
CONST AMTYPE_APPICON=8,
      WBAPPICON=8,
      AMTYPE_APPMENUITEM=9,
      WBTOOL=3,
      WB_DISKREVISIONMASK=$FF,
      WBPROJECT=4,
      NO_ICON_POSITION=$80000000,
      WBGARBAGE=5,
      WB_DISKMAGIC=$E310,
      WBDEVICE=6,
      WBKICK=7,
      WBDRAWER=2,
      AMTYPE_APPWINDOW=7,
      WBDISK=1,
      WORKBENCH_WORKBENCH_I=1,
      AM_VERSION=1,
      GADGBACKFILL=1,
      GFLG_GADGBACKFILL=1,
      WB_DISKREVISION=1,
      WB_DISKVERSION=1,
      DRAWERDATAFILESIZE=$3E,
      OLDDRAWERDATAFILESIZE=$38
```

```
#define WORKBENCH_NAME/0
```