

DrvSts structure

#include <Disks.h>

typedef struct DrvSts {		<u>Size</u>	<u>Offset</u>	<u>Description</u>
<u>short</u>	track;	2	0	Current track
<u>SignedByte</u>	writeProt;	1	2	Bit 7 is 1 if volume is locked
<u>SignedByte</u>	diskInPlace;	1	3	Disk in place
<u>SignedByte</u>	installed;	1	4	Drive installed
<u>SignedByte</u>	sides;	1	5	Bit 7 is 0 is the disk is single-sided
<u>QElemPtr</u>	qLink;	4	6	Address of next queue element (0=last)
<u>short</u>	qType;	2	10	Reserved
<u>short</u>	dQDrive;	2	12	Drive number
<u>short</u>	dQRefNum;	2	14	Drive reference number
<u>short</u>	dQFSID;	2	16	File system identifier
<u>SignedByte</u>	twoSideFmt;	1	18	-1 if double-sided disk
<u>SignedByte</u>	needsFlush;	1	19	Reserved
<u>short</u>	diskErrs;	2	20	Error count
} DrvSts;		22		

Notes: This structure is used in the Disk Driver's **DriveStatus** call to return information about the internal and external drives. The diskInPlace field is 0 when there is no disk and a 1 or a 2 for internal and external drives, respectively. A value of -4 to -1 indicates that the disk was ejected in the last one-and-a-half seconds. The installed field is 1 if the drive is connected, -1 if not connected, and 0 if the drive might be connected. The value for the twoSideFmt field is valid only if diskInPlace equals 2. The count in diskErrs is incremented every time an error occurs internally within the Disk Driver.