

## FS\_DOPAGEIO

### Purpose

Performs all the I/O operations in a PageCmdList.

### Calling Sequence

```
int far pascal FS_DOPAGEIO(psffsi, psffsd, pList)

struct sffsi far * psffsi;
struct sffsd far * psffsd;
struct PageCmdHeader far * pList;
```

### Where

*psffsi* is a pointer to the file-system-independent portion of an open file instance.

*psffsd* is a pointer to the file-system-dependent portion of an open file instance.

*pList* is a pointer to a PageCmdHeader structure.

The *PageCmdHeader* structure has the following format:

```
struct PageCmdHeader {
    unsigned char  InFlags;           /* Input Flags */
    unsigned char  OutFlags;          /* Output Flags - must be 0 on entry */
    unsigned char  OpCount;           /* Number of operations */
    unsigned char  Pad;               /* Pad for DWORD alignment */
    unsigned long  Reserved1;         /* Currently Unused */
    unsigned long  Reserved2;         /* Currently Unused */
    unsigned long  Reserved3;         /* Currently Unused */
    struct PageCmd PageCmdList;      /* Currently Unused */
}
```

The *PageCmd* structure has the following format:

```
struct PageCmd {
    unsigned char  Cmd;               /* Cmd Code (Read,Write,Verify) */
    unsigned char  Priority;           /* Same values as for req packets */
    unsigned char  Status;            /* Status byte */
    unsigned char  Error;             /* I24 error code */
    unsigned long  Addr;              /* Physical(0:32) or Virtual(16:16) */
    unsigned long  FileOffset;        /* Byte Offset in page file */
}
```

### Remarks

*FS\_DOPAGEIO* performs all the I/O operations specified in the *PageCmdList*.

If the disk driver Extended Strategy requests, a request list will be built from the *PageCmdList* and

issued to the driver.

If the disk driver does not support Extended Strategy requests, the FSD can either let the kernel do the emulation (See *FS\_OPENPAGEFILE* to set this state) or has the option to do the emulation itself.

For a detailed description of the Extended Strategy request interface please see the OS/2 Version 2.0 Physical Device Driver Reference.

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