VolumeParam structure

#include <Files.h>

typedef struct **VolumeParam {**		Size	Offset	Description
ParamBlockHeader		24	0	common fields of ParamBlock types
long	filler2;	4	24	(reserved)
short	ioVolIndex;	2	28	(>0: index, <0: use name/num, 0: use num)
unsigned long	ioVCrDate;	4	30	Date/time volume created
unsigned long	ioVLsBkUp;	4	34	Date/time volume information was modified
unsigned short	ioVAtrb;	2	38	Volume Attributes
unsigned short	ioVNmFls;	2	40	Count of files in the root directory
unsigned short	ioVDirSt;	2	42	First allocation block of directory
short	ioVBlLn;	2	44	Length of directory in blocks
unsigned short	ioVNmAlBlks;	2	46	Count of all allocation blocks
long	ioVAlBlkSiz;	4	48	Allocation block size, in bytes
long	ioVClpSiz;	4	52	Number of bytes to allocate
unsigned short	ioAlBlSt;	2	56	First block in volume block map
unsigned long	ioVNxtFNum;	4	58	Next unused file number
unsigned short	ioVFrBlk;	2	62	Count of free allocation blocks
} VolumeParam ;		64		

Notes: This structure is used in **PB**xxx calls which operate on entire volumes:

PBEject	**PBGetVol**	**PBSetVInfo**
PBFlushVol	**PBMountVol**	**PBSetVol**
PBGetVInfo	**PBOffLine**	**PBUnmountVol**

Functions vary as to which fields are required on entry and which fields are defined upon return. Some fields take on different meanings or even data types in certain cases. Refer to the function in question for additional information on fields.

The ioVLsBkUp field is misnamed. It contains the date/time when the file was last modified (Note: data may have actually been flushed to disk somewhat later).

The ioVAtrb field is a set of bit flags. See Volume Attributes.

The ioVClpSiz field is the default allocation "clump" size for files on this volume. If the file's clump size is 0 (see CInfoPBRec), then when a file is extended, ioVClpSiz bytes are appended to the file's physical length.

The most common way to use this structure is to allocate a union which is an aggregate and create and initialize a pointer to the desired data type. See ParamBlockRec for examples.