

PBDTAddAPPL

Add an application to the desktop database.

#include <Files.h>

Finder Interface

OSErr **PBDTAddAPPL**(*paramBlock*, *async*);
DTPBPtr *paramBlock* ; pointer to a DTPB Param Block
Boolean *async*; 0 = await completion; 1 = immediate return

Parameter block

→	12	ioCompletion	long	completion routine
←	16	ioResult	short	result code
→	18	ioNamePtr	long	pointer to application's name
→	24	ioDTRefNum	short	desktop database reference number
→	28	ioTagInfo	long	reserved; must be set to 0
→	48	ioDirID	long	application's parent directory
→	52	ioFileCreator	long	application's <u>signature</u>

PBDTAddAPPL adds an entry in the desktop database specified in ioDTRefNum for an application with the specified signature. You pass the application's signature in ioFileCreator, a pointer to the application's filename in ioNamePtr, and the application's parent directory ID in ioDirID. Initialize ioTagInfo to 0.

Returns: an Error code. It will be one of the following:

noErr	(0)	No error
ioErr	(-36)	I/O error
fnfErr	(-43)	Application not present on volume
wPrErr	(-44)	Volume is locked through hardware
vLckdErr	(-46)	Volume is locked through software
rfNumErr	(-51)	Reference number invalid
extFSErr	(-58)	External file system-file system identifier is nonzero

Note: There is a second, asynchronous, version of this function. It does not take a second parameter; instead, it adds the suffix "Async" to the name of the routine.

Similarly, the third (synchronous) version of the routine does not take a second parameter; instead, it adds the suffix "Sync" to the name of the routine.

Note, however, that the second and third versions of these routines do not use the glue code that the first versions use and are therefore more efficient.