

PBHMapID

Get user or group name from ID data

#include <Files.h>

File Manager (PBxxx)

```

OSErr      PBHMapID(pb, async);
HParmBlkPtr pb;          address of a 44-byte ObjParam structure
Boolean     async;        0=await completion; 1=immediate return
returns      Error Code; 0=no error

```

PBHMapID obtains a user's or group's name by referencing their unique ID.

pb is the address of a 44-byte ObjParam structure. The following fields are relevant:

| <u>Out-In Name</u> | | <u>Type</u> | <u>Size</u> | <u>Offset</u> | <u>Description</u> |
|--------------------|--------------|----------------|-------------|---------------|--|
| -> | ioCompletion | <u>ProcPtr</u> | 4 | 12 | Completion routine address (if <i>async</i> =TRUE) |
| <- | ioResult | <u>OSErr</u> | 2 | 16 | Error Code (0=no error, 1=not done yet) |
| -> | ioNamePtr | <u>long</u> | 4 | 18 | Identification of pathname |
| -> | ioVRefNum | <u>short</u> | 2 | 22 | Volume reference |
| -> | ioObjType | <u>short</u> | 2 | 26 | Code for mapping function |
| <- | ioObjNamePtr | <u>ProcPtr</u> | 4 | 28 | Returned name's address |
| -> | ioObjID | <u>long</u> | 4 | 32 | User or group ID being mapped |

async is a Boolean value. Use FALSE for normal (synchronous) operation or TRUE to enqueue the request and resume control immediately. See Async I/O.

Returns: an operating system Error Code. It will be one of:

| | | |
|----------|-------|-----------------------------------|
| noErr | (0) | No error |
| nsvErr | (-35) | No such volume |
| fnfErr | (-43) | Can't recognize owner or group ID |
| paramErr | (-50) | No default volume |

Notes: This routine obtains a user's or group's name by mapping their unique ID, contained in the ioObjID field. When the user is "Any User", the ID will be zero and the name will be NIL. The ioObjType function code will be a 1 if you're mapping an owner and a 2 if you're mapping a group. The ioObjNamePtr field is a Pascal string containing the user name or the group name. The user or group name can be up to 31 characters long. This routine is the functional complement of **PBHMapName**.