

EAddMulti Add a multicast address to the node

#include <ENET.h>

AppleTalk Manager

```
OSErr      EAddMulti(thePBptr, async);
EParamBlkPtr thePBptr;      address of an EParamBlock structure
Boolean    async;           0=await completion; 1=immediate return
           returns          Error Code; 0=no error
```

EAddMulti is a function used to add a multicast address to the node on which **The .ENET Driver** is running.

thePBptr is a pointer to an EParamBlock structure. The relevant fields are as follows:

<u>Out-In Name</u>	<u>Type</u>	<u>Size</u>	<u>Offset</u>	<u>Description</u>
← ioResult	<u>short</u>	2	16	Result code
→ csCode	<u>short</u>	2	26	Always ENetAddMulti
→ eMultiAddr	6 bytes	6	28	Multicast address

async is a Boolean value. Use FALSE for normal (synchronous) operation or TRUE to function asynchronously. See Async I/O.

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

noErr	(0)	No error
eMultiErr	(-91)	Invalid address or table is full

Notes: You must provide (in the eMultiAddr parameter) the multicast address that you want to use. Each time a client of **The .ENET Driver** calls the **EAddMulti** function for a particular multicast address, the driver increments a counter for that multicast address. Each time a client of **The .ENET Driver** calls the **EDelMulti** function, the driver decrements the counter for that address. As long as the count for a multicast address is equal to or greater than 1, **The .ENET Driver** accepts packets directed to that multicast address. If any client of **The .ENET Driver** in the node has called the **EAddMulti** function for a particular multicast address, the driver receives packets delivered to that address.

The ioResult parameter returns the result of the function. If you call the function asynchronously, the function sets this field to 1 as soon as it begins execution, and it changes the field to the actual result code when it completes execution. The csCode parameter is the routine selector, automatically set by the high-level language interface. It is always ENetAddMulti for this function.