

ESetGeneral Switch **The .ENET Driver** to general-transmission mode.

#include <ENET.h>

AppleTalk Manager

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

ESetGeneral switches **The .ENET Driver** from limited-transmission mode to general-transmission mode.

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

	<u>Out-InName</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 ENetSetGeneral

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
memFullErr	(-108)	Insufficient memory in heap

Notes: The **ESetGeneral** function switches **The .ENET Driver** from limited-transmission mode to general-transmission mode. In limited-transmission mode, **The .ENET Driver** allocates a write-data buffer of 768 bytes. This buffer size is more than sufficient to hold an EtherTalk data packet, which can be no larger than 621 bytes. In general-transmission mode, **The .ENET Driver** can transmit an Ethernet data packet of up to 1514 bytes.

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 ENetSetGeneral for this function.

There is no command to switch **The .ENET Driver** from general-transmission mode to limited-transmission mode. To switch back to limited-transmission mode, you have to reset the driver by restarting the computer.