SetApplLimit Change the size of the application heap zone

#include <Memory.h> **Memory Manager**

```
void        SetApplLimit(limitPtr );
Ptr         limitPtr ;      desired address+1 for end of application heap
```

SetApplLimit sets the size of the application heap by selecting the address beyond which it may not expand.

limitPtr is an address. It specifies an address one byte beyond the desired end of the application heap zone. If the heap has already grown beyond this limit, the current size is used instead.

Returns: none; the **MemError** function may return an Error Code of:

noErr	(0)	No error
memFullErr	(-108)	Can't expand that far

Notes: **SetApplLimit** expands/contracts only the application heap zone (not any additional zones created via **InitZone**). The new limit is stored in the global variable ApplLimit (at 0x0130).

You might call **GetApplLimit** before making this call, then add a specified amount to the return value. e.g., to increase the current size by 16K, use:

```
SetApplLimit( GetApplLimit() - 16384 );
```

Note that you need to subtract (not add) to increase the size of the stack. A more common operation is to call **MaxApplZone** early in your program to provide the largest possible size for the application heap.