This is part of **Win16 API** which allow to create versions of program from one source code to run under OS/2 and Win16. Under OS/2 program can be running under Win-OS/2 if program is Windows NE executable, and with help on Windows Libraries for OS/2, if it is OS/2 NE executable. Here is a WLO to OS/2 API mapping draft

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LocalInit

Brief

Initializes a local heap within a specified memory segment.

Syntax

```
BOOL WINAPI LocalInit(
  WORD  wSegment,
  WORD  wOffset,
  WORD  wHeapSize
);
```

Parameters

- **wSegment** - The selector of the segment in which to initialize the local heap.
- **wOffset** - The offset within the segment at which the heap should start.
- **wHeapSize** - The size, in bytes, of the heap to initialize.

Return Code

- Returns **non-zero** if the heap is successfully initialized.
- Returns **0** if initialization fails.

Notes

- The function sets up a local heap manager within the provided segment, enabling local memory allocation functions to operate within that segment.
- Applications typically call LocalInit during initialization of a data segment or a dynamically allocated memory block intended for use as a local heap.

Example Code

C Binding

```
#include <windows.h>

BOOL WINAPI InitializeLocalHeap(WORD seg, WORD offset, WORD size) {
    return LocalInit(seg, offset, size);
}
```

MASM Binding

```
; Assume AX = segment, DX = offset, CX = heap size
push ax          ; wSegment
push dx          ; wOffset
push cx          ; wHeapSize
call LocalInit   ; Returns AX = non-zero if success
```

See also

- LocalAlloc - Allocates memory from the local heap.
- LocalFree - Frees memory allocated from the local heap.
- LocalSize - Retrieves the size of a local memory block.
- LocalReAlloc - Reallocates a local memory block.

Group	Functions
Module manager	GETVERSION GETMODULEHANDLE GETMODULEUSAGE GETMODULEFILENAME GETPROCADDRESS MAKEPROCINSTANCE FREEPROCINSTANCE GETINSTANCEDATA CATCH THROW GETCODEHANDLE LOADLIBRARY
Memory Manager	GlobalAlloc GlobalCompact GlobalDiscard GlobalFree GlobalLock GlobalReAlloc GlobalSize GlobalUnlock GlobalFlags LocalInit LocalAlloc LocalCompact LocalDiscard LocalFree LocalLock LocalFreeze LocalMelt LocalReAlloc LocalSize LocalUnlock LocalHandleDelta LockData UnlockData LocalFlags
Task Scheduler	GetCurrentTask Yield SetPriority
Resource Manager	AddFontResource RemoveFontResource LoadBitmap LoadCursor LoadIcon LoadMenu LoadString LoadAccelerators FindResource LoadResource AllocResource LockResource FreeResource AccessResource SizeofResource SetResourceHandler
String Translation	AnsiUpper AnsiLower AnsiNext AnsiPrev
Atom Manager	InitAtomTable AddAtom DeleteAtom FindAtom GetAtomName
Windows Initialization File	GetProfileInt GetProfileString WriteProfileString
Debugging	FatalExit
File I/O	_lopen _lcreat _llseek _lread _lwrite _lclose OpenFile GetTempFileName GetTempDrive

Group	Functions
Registry	RegOpenKey RegCreateKey RegCloseKey RegDeleteKey RegSetValue RegQueryValue RegEnumKey

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