



DosGetDBCSEv

This call obtains a DBCS (double byte character set) environmental vector that resides in the country information file.

Syntax

```
DosGetDBCSEv (Length, Country, MemoryBuffer)
```

Parameters

;Length (USHORT) - input : Length, in bytes, of the data area (MemoryBuffer). This value should be at least 10. ;Country (PCOUNTRYCODE) - input : Address of the country information structure: countrycode (USHORT)

Country code identifier. 0 is the default country code.

codepage (USHORT)

Code page identifier. 0 is the code page of the current process.

; MemoryBuffer (PCHAR) - output : Address of the country dependent information for the DBCS environmental vector. This memory area is provided by the caller. The size of the area is provided by the input parameter Length. If it is too small to hold all the available information, then as much information as possible is provided in the available space.

The format of the information returned in this buffer is: Word Description 1 First range definition for DBCS lead byte values

High byte Binary start value (inclusive) for range one
Low byte Binary stop value (inclusive) for range one.

2 Second range definition

High byte Binary start value for range two
Low byte Binary stop value for range two.

N Nth range definition

High byte Binary start value for Nth range
Low byte Binary stop value for Nth range.

N + 1 Two bytes of binary 0 terminate list.

For example:

```
DB 81H,9FH  DB E0H,FCH
DB 00H,00H
```

Return

```
rc (USHORT) - return
```

Return code descriptions are:
* NO_ERROR * 396 ERROR_NLS_NO_COUNTRY_FILE * 397
ERROR_NLS_OPEN_FAILED * 398 ERROR_NO_COUNTRY_OR_CODEPAGE * 399
ERROR_NLS_TABLE_TRUNCATED

Remarks

The returned DBCS environmental vector may be for the default country and current process code page or for a specific country and code page. For more information on code page see DosSetCp.

C Binding

```
<PRE> typedef struct _COUNTRYCODE { /* ctryc */
    USHORT country; /* country code */

    USHORT codepage; /* code page */

} COUNTRYCODE;

#define INCL_DOSNLS

USHORT rc = DosGetDBCSEv(Length, Structure, MemoryBuffer);

USHORT Length; /* Length of data area provided */ PCOUNTRYCODE Structure; /* Input data structure
/* PCHAR MemoryBuffer; /* DBCS environmental vector (returned) */

USHORT rc; /* return code */ </PRE>
```

MASM Binding

```
<PRE> COUNTRYCODE struc
```

```
    ctryc_country    dw    ? ;country code
    ctryc_codepage   dw    ? ;code page
```

```
COUNTRYCODE ends
```

EXTRN DosGetDBCSEv:FAR INCL_DOSNLS EQU 1

PUSH WORD Length ;Length of data area provided PUSH@ OTHER Structure ;Input data structure
PUSH@ OTHER MemoryBuffer ;DBCS environmental vector (returned) CALL DosGetDBCSEv

Returns WORD </PRE>

Note

Text based on <http://www.edm2.com/index.php/DosGetDBCSEv>

Family API	
DOS	Process Manager
	DosBeep DosExit DosSleep DosExecPgm
	File Manager
	DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSet FileMode DosOpen DosQFileInfo DosRead DosQ FileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSet FileInfo DosSet Verify DosWrite DosFileLocks DosSet FHandState DosNewSize DosBufReset DosQFHandState DosSetFSInfo
	Memory Manager
	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGet HugeShift DosCreateCSAlias
	NLS
	DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage
Date and Time	
Devices	
Signals	
Misc	
KBD	
VIO	
Tools	
Modules	
Libraries	

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