

Converting Case and Stripping Diacritical Marks

The **LwrText** procedure was available with **Script Manager** 2.0 as a high-level interface to the `_LwrString` trap. Beginning with system software version 6.0.4, **LwrText** was localizable by using tables in the 'itl2' resource. The **UprText** procedure was also available in **Script Manager** 2.0 as a high-level interface to the `_UprString` trap but was generally not localized.

In system software version 7.0, a new set of routines is available from both assembly and high-level languages to provide localizable lowercasing, uppercasing, and stripping of diacritical marks. All of these routines—**LowerText**, **UpperText**, **StripText**, and **StripUpperText**—use trap 0xA056 (formerly called `LwrString`), but they set the operating-system trap flags to indicate which function is desired. **UpperText** provides a localizable version of **UprText**. The name **LwrString** can still be used; however, you are encouraged to use the new names that have been defined for the various functions of the **LwrString** trap.

Note: The **LowerText**, **UpperText**, **StripText**, and **StripUpperText** procedures may move memory.

Trap macro	<code>_LowerText</code>
On entry	A0: pointer to first character of string D0: length of string in bytes (word); must be less than 32 KB
On exit	D0: result code

The **LowerText** procedure provides localizable lowercase conversion of text up to 32 KB in length.

Note: The **LwrText** interface is still available and is identical to **LowerText**.

pascal void **UpperText** (Ptr textPtr; short len);

Trap macro	<code>_UpperText</code>
On entry	A0: pointer to first character of string D0: length of string in bytes (word); must be less than 32 KB
On exit	D0: result code

The **UpperText** procedure provides localizable uppercase conversion of text up to 32 KB in length.

pascal void **StripText** (Ptr textPtr ; short len);

Trap macro	<code>_StripText</code>
On entry	A0: pointer to first character of string D0: length of string in bytes (word); must be less than 32 KB
On exit	D0: result code

The **StripText** procedure provides localizable stripping of diacritical characters for text up to 32 KB in length.

pascal void **StripUpperText**(Ptr textPtr,short len)

Trap macro	_StripUpperText
On entry	A0: pointer to first character of string D0: length of string in bytes (word); must be less than 32 KB
On exit	D0: result code

The **StripUpperText** procedure provides localizable stripping of diacritical characters for text up to 32 KB in length and converts them to uppercase characters.

The following result codes apply to all four text truncation trap macros:

noErr	(0)	No error
resNotFound	(-192)	Can not get correct 'itl2' resource or resource is not in current format (the string will not be modified)