STLEN$ - Return Number of Characters in Text String
The STLEN$ routine returns the number of characters in a zero-terminated text string.

1. Invocation

To obtain the number of characters in a zero-terminated text string code:

```
CALL STLEN$ USING string length [retlen]
```

where *string* is a PIC X(n) field containing the text string, *length* is a PIC 9(4) COMP or literal containing the length of the PIC X(n) field and *retlen* is an optional PIC 9(4) COMP into which the number of characters is returned. If *retlen* is omitted the number of characters is returned in *length*, which must not be a literal if the 2 parameter form of this sub-routine is invoked.

2. STOP Codes and Exception Conditions

The following STOP codes may be generated by STLEN$:

STOP code	Description
9601	Internal error in STLEN$
9602	A string length of 0 has been passed

The following exception conditions may be returned by STLEN$:

EXIT code	$$COND	Description
9601	1	Operation not supported by SVC 96

3. Programming Notes

STLEN$ is only available with GSM SP-18, or later and requires GSM (Windows) GLOBAL.EXE V3.9k, or later.

STLEN$ returns the number of character in a zero-terminated the text string, **excluding the binary-zero character**. If first character of the string is a binary-zero then a result of 0 will be returned. If the string does not contain a binary-zero then the supplied length will be returned.

STLEN$ scans the string **forwards** searching for the **first** binary-zero character in the string.

STLEN$ uses the fast String Manipulation SVC (SVC-96).

4. Examples

The following example will return a length of 7 in Z-LEN2:

```
PROGRAM STLEN
```

```
DATA DIVISION
*
77      X-TEST  PIC X(20)
        VALUE   "test   "
        VALUE   #00
77      Z-LEN1  PIC 9(4) COMP
        VALUE   20
77      Z-LEN2  PIC 9(4) COMP
*
PROCEDURE DIVISION
*
        CALL STLEN$ USING X-TEST Z-LEN1 Z-LEN2
```

5. Copy-Books

None.

6. See Also

STLEN$ Return Length of Zero terminated String
STSIG$ Return Number of Significant Characters in Text String