

STSIG\$ - Return Number of Significant Characters in Text String

The STSIG\$ routine returns the number of significant characters in a text string.

1. Invocation

To obtain the number of significant characters in a text string code:

```
CALL STSIG$ 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 significant characters is returned. If *retlen* is omitted the number of significant 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 STSIG\$:

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

The following exception conditions may be returned by STSIG\$:

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

3. Programming Notes

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

STSIG\$ returns the number of significant characters in the text string, excluding any trailing SPACES or binary-zeros. If the string just consists of SPACES and/or binary zeroes (i.e. with no significant characters) then a result of 0 will be returned.

STSIG\$ scans the string **backwards** searching for the **last** non-SPACE, non-binary-zero character in the string.

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

4. Examples

The following example will return a length of 4 in Z-LEN2:

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```
PROGRAM STSIG
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 STSIG$ USING X-TEST Z-LEN1 Z-LEN2
```

5. Copy-Books

None.

6. See Also

STLEN\$ Return Length of Zero terminated String
ST1ST\$ Return Index of First Significant Character of a Text String