

STCON\$ - String Concatenation

The STCON\$ routine can be used to concatenate up to 10 fields into a single output string.

1. Invocation

To concatenate several fields into a single output string code:

```
CALL STCON$ USING st
```

where *st* is a control block of the following format:

```

01  ST
02  STIN OCCURS 10      * Up to 10 input strings
03  STIPTR              * Pointer to input string
                        * #FFFFFFFF Not used
03  STITYP              * Input string type
                        * 0 = low-values terminated
                        * 1 = fixed length
                        * 2 = fixed length and
                        *   remove trailing spaces
                        * 3 = computational field
                        * 4 = computational field
                        *   remove leading '0' characters
                        * 5 = display numeric
                        *   remove leading '0' characters
03  STILEN              * length of string for types 1 and 2
03  STIP                * Places before dcp types 3 and 4
03  STIQ                * Places after dcp types 3 and 4
02  STOPTR              * Pointer to output string
02  STOTYP              * Output string type
                        * 0 = low-values terminates
                        * 1 = no termination
02  STOLEN              * Type 0 returns the length
                        * of string + term LOW-VALUE
                        * Type 1 returns length of string

```

2. STOP Codes and Exception Conditions

The following STOP codes may be generated by STCON\$:

STOP code	Description
13507	An overflow has occurred on a computational field

No exceptions are returned by STCON\$.

3. Programming Notes

Computational fields cannot be negative. They will be converted to display numeric fields, with leading zeros, and added to the output string unless an STITYP of 4 is specified. If STITYP is set to 4 all leading zeros are removed from the display numeric field.

Important Note: All uninitialised pointers **MUST** be set to HIGH-VALUES.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

[COPY-BOOK REQUIRED]

6. See Also

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