

TRANSCOLTOROW

TRANSCOLTOROW action

Function

The action copies values of the given column of one local structured variable to the given row of another local structured variable.

Declaration

```
TRANSCOLTOROW _src^_iColSrc, _dst[_row]^_iColDst
```

Parameters

_src	in	RECORD type - sources structure.
_iColSrc	in	INT type - index of source structure column.
_dst	in	RECORD type - destination structure.
_row	in	INT type - destination row index.
_iColDst	in	INT type - index of destination structure column.

Description

The action internally performs the following activity:

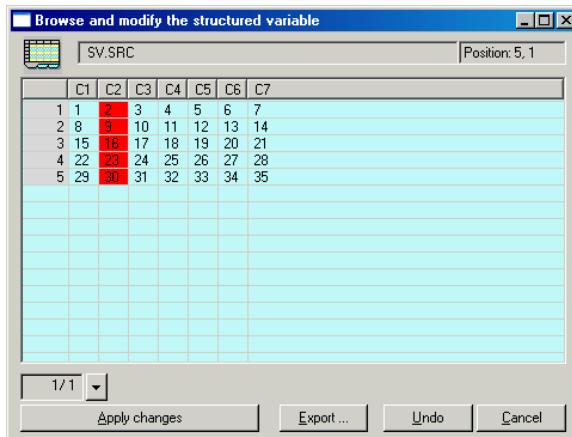
```
; TRANSCOLTOROW _src^_iColSrc, _dst[_row]^_iColDst
INT _iRow
INT _iCol

_iCol := _iColDst
FOR _iRow = 1 TO _src\DIM DO_LOOP
_dst[_row]^_iCol:= _src[_iRow]^_iColSrc TIME _src[_iRow]^_iColSrc\TIM

_iCol := _iCol + 1
END_LOOP
```

Example

The values of the local structured variables `_src` and `_dst` before execution of the action **TRANSCOLTO ROW** `_src^C2, _dst[2]^C3`:



SV.DST							
C1	C2	C3	C4	C5	C6	C7	C8
1	2	3	4	5	6	7	8
2	9	10	11	12	13	14	15
3	17	18	19	20	21	22	23
4	25	26	27	28	29	30	31
5	33	34	35	36	37	38	39
							40

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After execution of the action:

SV.DST							
C1	C2	C3	C4	C5	C6	C7	C8
1	1	2	3	4	5	6	7
2	9	10	11	2	9	16	30
3	17	18	19	20	21	22	23
4	25	26	27	28	29	30	31
5	33	34	35	36	37	38	39
							40

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