

SETCOLTIME

SETCOLTIME action

Function	The action allows defining a time of values in the defined structure column.										
Declaration	<div>SETCOLTIME _srcRec^DateTimeCol, _dstRec, _dstRecColIdx</div>										
Parameters	<table><tr><td>_srcRec</td><td>in</td><td>Column identifier determining a target column used for acquiring times.</td></tr><tr><td>_dstRec</td><td>out</td><td>Local structure identifier determining a target structure used for setting the times.</td></tr><tr><td>_dstRecColIdx</td><td>in</td><td>Identifier of the <i>Int</i> type.</td></tr></table>		_srcRec	in	Column identifier determining a target column used for acquiring times.	_dstRec	out	Local structure identifier determining a target structure used for setting the times.	_dstRecColIdx	in	Identifier of the <i>Int</i> type.
_srcRec	in	Column identifier determining a target column used for acquiring times.									
_dstRec	out	Local structure identifier determining a target structure used for setting the times.									
_dstRecColIdx	in	Identifier of the <i>Int</i> type.									
Description	<p>The action sets a time for each value in the local structure <i>_dstRec</i> - the column with the serial number <i>_dstRecCol</i>, according to the time of a value in corresponding column <i>_srcRec^DateTimeCol</i>. The structures <i>_dstRec</i> and <i>_srcRec</i> must have the same number of rows.</p> <p>The action represents a substitution for the following loop:</p> <div><pre>RECORD (SD.Def) _srcRec RECORD (SD.Def) _dstRec BEGIN REDIM _srcRec[10] REDIM _dstRec[10] ; Activity of SETCOLTIME action IF _srcRec\DIM # _dstRec\DIM THEN ; The error _ERR_RANGE_ERROR END ENDIF INT _row _row := 1 DO_LOOP EXIT_LOOP _row > _srcRec\DIM IF ! _srcRec[_row]^TimeCol\VLD THEN ; Error END ENDIF _dstRec[_row]^ValueCol := _dstRec[_row]^ValueCol TIME _srcRec[_row]^TimeCol _row := _row + 1 END_LOOP ; End of the action END</pre></div>										
Example	<p>The type of the column <i>TimeCol</i> used in the example must be Absolute time.</p> <p>The following example executes the loop described above using the action SETCOLTIME. It assumes, that the serial number of the column <i>ValueCofe</i> is 2.</p> <div>SETCOLTIME _srcRec^TimeCol, _dstRec, 2</div>										