

DELETEDARCHDATA

DELETEDARCHDATA action

F u n c t i o n	Deletes the data of a historical value within a time interval.		
D e c l a r a t i o n	DELETEDARCHDATA archIdent, timeFromIdent_TmA, timeToIdent_TmA [,statusIdent_Int]		
	or		
	DELETEDARCHDATA archIdent, timeFromIdent_TmA, timeToIdent_TmA, [statusIdent_Int], bRecalcStat		
P a r a m e t e r s	archIdent	in	Reference to one of (historical) value, column or row of structured historical value (see Note).
	timeFromIdent_TmA	in	Identifier of <i>AbsTime</i> type - beginning of the interval.
	timeToIdent_TmA	in	Identifier of <i>AbsTime</i> type - end of the interval.
	statusIdent_Int	out	Action success (optional parameter).
	bRecalcStat	in	Identifier of Boolean type. A calculation of dependent statistic archives. If the parameter is not set the dependent statistic archives will not be calculated.
D e s c r i p t i o n	The action will remove the data of the historical value <i>archIdent</i> within the time interval defined from <i>timeFromIdent_TmA</i> to <i>timeToIdent_TmA</i>. Naturally, the values of the parameters must be in the following relation: <i>timeFromIdent_TmA</i> <= <i>timeToIdent_TmA</i> (otherwise the error <code>ERR_RANGE_ERROR</code> is generated). The optional parameter <i>statusIdent_Int</i> represents the action success and may acquire one of the following values: • <code>_ERR_TRANS_ABORT</code> • <code>_ERR_TRANS_ERROR</code> • <code>_ERR_TRANS_IGNORED</code> • <code>_ERR_NO_ERROR</code> If the parameter is not defined, the action generates a request to delete and script execution continues. There is no possibility to test the action success. Deleted data has not got the attribute "deleted" (unlike deleting the D2000 HI - the attribute DELETED), but they are physically deleted from the archive database.		
N o t e 1	The parameter <i>archIdent</i>: • not controlled whether the archive object is used - adding a reference to the object is enough, • can also contain the reference to a part (row or column) or an entire structured historical value. Example: • <i>H.ColArchiv</i> - reference to entire structured historical value • <i>H.ColArchiv[2]</i> - reference to all values of structured historical value within the second row • <i>H.ColArchiv^ColName</i> - reference to all values of structured historical value within the <i>ColName</i> column		
N o t e 2	If parameter <i>statusIdent_Int</i> is set, DELETEDARCHDATA is terminated as soon as all required values are deleted. Even if the parameter <i>bRecalcStat</i> is used and his value is <code>@TRUE</code> , the action does not wait on termination of recalculation of dependent statistic archives.		

E x a m p l e 1	<pre> TIME _timeFrom TIME _timeTo INT _status _timeTo := %StrToTime("10:00:00 31-12-1999") _timeFrom := %StrToTime("09:00:00 31-12-1999") DELETEDARCHDATA H.ArchObj, _timeFrom, _timeTo, _status IF _status = _ERR_NO_ERROR THEN ; data are deleted ELSE ; some error has occurred ENDIF </pre>
E x a m p l e 2	<pre> TIME _timeFrom TIME _timeTo INT _status _timeTo := %StrToTime("10:00:00 31-12-1999") _timeFrom := %StrToTime("09:00:00 31-12-1999") ; deleting + calculation of dependent statistic archives - synchronously DELETEDARCHDATA H.ArchObj, _timeFrom, _timeTo, _status, @TRUE IF _status = _ERR_NO_ERROR THEN ; data are deleted ELSE ; some error has occurred ENDIF ; deleting + calculation of dependent statistic archives - asynchronously DELETEDARCHDATA H.ArchObj, _timeFrom, _timeTo, @TRUE </pre>



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