

SQL_FETCH

SQL_FETCH action

Function	The action reads one or more lines of the result of an SQL command prepared by the SQL_PREPARE action and optionally parameterized by the SQL_BINDIN action.										
Declaration	<div>SQL_FETCH</div>										
	handleIdent_Int, retCodeIdent_Int [, maxRowsIdent_Int]										
Parameters	<table><tr><td>handleIdent_Int</td><td>in</td><td>Identifier - the unique number (handle) of a connection.</td></tr><tr><td>retCodeIdent_Int</td><td>out</td><td>Return code identifier.</td></tr><tr><td>maxRowsIdent_Int</td><td>in</td><td>Identifier of the <i>Int</i> type - number of rows read at once (if not specified, the default value is 1).</td></tr></table>		handleIdent_Int	in	Identifier - the unique number (handle) of a connection.	retCodeIdent_Int	out	Return code identifier .	maxRowsIdent_Int	in	Identifier of the <i>Int</i> type - number of rows read at once (if not specified, the default value is 1).
handleIdent_Int	in	Identifier - the unique number (handle) of a connection.									
retCodeIdent_Int	out	Return code identifier .									
maxRowsIdent_Int	in	Identifier of the <i>Int</i> type - number of rows read at once (if not specified, the default value is 1).									
Return code	The value of the parameter <i>transHandle_Int</i> . See the table of error codes . It is possible to get extended error information .										
Description	<p>The action reads given number of rows and assigns their values to the local variables specified by the SQL_PREPARE action.</p> <p>MaxRowsIdent_Int is to be used only for the 3rd declaration type of the action SQL_PREPARE. If the value of the parameter is other than 1 for the declaration types 1, 2, or less than 1, the action generates the error _ERR_RANGE_ERROR.</p> <p>The maximum number of returned rows is limited by a Database configuration parameter Maximum returned rows. If the number of available rows exceeds this limit, the local structure <i>_locVarRecordIdent</i> specified as the parameter of action SQL_PREPARE will contain first Maximum returned rows and <i>retCodeIdent_Int</i> will be set to error code _ERR_DATABASE_ROWS_LIMIT.</p> <p>If no row has been read, the value of the parameter <i>retCodeIdent_Int</i> is 22 (_ERR_NO_DATA).</p>										
Example	<div>Work with a database (actions SQL_ ...).</div> <div><pre>INT _handle ; handle to database INT _retCode ; return code TEXT _name ; product name TEXT _type ; product type SQL_CONNECT MyDatabase, _handle, _retCode SQL_PREPARE _handle, _retCode, _sqlNpar BIND _name, _type DO_LOOP SQL_FETCH _handle, _retCode EXIT_LOOP _retCode # _ERR_NO_ERROR ; data processing goes here END_LOOP SQL_FREE _handle SQL_DISCONNECT _handle</pre></div>										
Related topics	<div>DB_TRANS_OPEN</div> <div>DB_TRANS_COMMIT</div> <div>DB_TRANS_ROLLBACK</div> <div>DB_TRANS_CLOSE</div> <div>SQL_CONNECT</div> <div>SQL_DISCONNECT</div> <div>SQL_EXEC_DIRECT</div> <div>SQL_EXEC_PROC</div> <div>SQL_PREPARE</div> <div>SQL_BINDIN</div> <div>SQL_FREE</div>										

SQL_SELECT

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