

# DB\_READ\_BLOB

## DB\_READ\_BLOB and DBS\_READ\_BLOB actions

Function	Reading of one record of <i>LOB</i> type from the table in the database. <i>LOB</i> (Large Object) can be:																													
	<ul style="list-style-type: none"><li>• BLOB (Binary LOB),</li><li>• CLOB (Character LOB),</li><li>• XMLType (CLOB for work with xml data in Oracle DB).</li></ul>																													
Declaration	<pre>DB_READ_BLOB handleIdent_Int, lobColNameIdent_Str, lobFileNameIdent_Str, retCodeIdent_Int, idKeyIdent [ORAHINT hintIdent_Str]  DB_READ_BLOB handleIdent_Int, lobColNameIdent_Str, lobFileNameIdent_Str, retCodeIdent_Int WHERE strExpression_Str [ORAHINT hintIdent_Str]  DBS_READ_BLOB dbObjIdent, lobColNameIdent_str, lobFileNameIdent_Str, retCodeIdent_Int, idKeyIdent [TRANS transHandle_Int] [ORAHINT hintIdent_Str]  DBS_READ_BLOB dbObjIdent, lobColNameIdent_str, lobFileNameIdent_Str, retCodeIdent_Int WHERE strExpression_Str [TRANS transHandle_Int] [ORAHINT hintIdent_Str]</pre>																													
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Return code	The value of the parameter <i>transHandle_Int</i> . See the table of <a href="#">error codes</a> . It is possible to get <a href="#">extended error information</a> .																													
Description	<p>The action allows to read one record of <i>LOB</i> type from a table in a database. The table is defined either by the parameter <i>handleIdent_Int</i>, which was acquired by previous calling of the action <a href="#">DB_CONNECT</a> or by the identifier <i>dbObjectIdent</i> representing an object of <i>Database Table</i> type. The 3rd and 4th types of the declarations is concerned to <a href="#">DBS</a> actions, which do not require the explicit actions to open and close the database (<a href="#">DB_CONNECT</a> and <a href="#">DB_DISCONNECT</a>). Also it is possible to use the identifier running transaction <i>transHandle_Int</i> gained by previous calling the action <a href="#">DB_TRANS_OPEN</a>. The read record of <i>LOB</i> type is written into a file, which name is given in the parameter <i>lobFileNameIdent_Str</i>. If the file already exists, then will be overwritten.</p> <p>A value of the identifier <i>lobColNameIdent_Str</i> defines a name of the column, which type is <i>LOB</i> and will be read.</p>																													

A row, which will be read, can be defined:

1. Using the parameter *idKeyIdent*. An identification key must be defined in the configuration of an object of *Database table* type. Then a row, with a value matching the given identification key, will be found in the table.
2. By a value of the expression *strExpression\_Str*, that represents a clause WHERE for the SQL command SELECT executing a selection from the table.

The parameter *retCodeIdent\_Int* returns the attribute *\_ERR\_NO\_ERROR* - action success, or:

1. *\_ERR\_FILE\_ERROR* - an error occurred during operation with the file.
2. *\_ERR\_NO\_DATA* - if the record in the database is NULL.
3. Other default error codes.

#### Note

The action was tested for the file of 175 MB.

#### Example

[Work with a database table \(actions DB\\_ ...\).](#)

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[DB\\_READ](#)  
[DB\\_UPDATE](#)  
[DB\\_UPDATE\\_BLOB](#)  
  
[DB\\_TRANS\\_OPEN](#)  
[DB\\_TRANS\\_COMMIT](#)  
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