

# PG\_UPDATE

## PG\_UPDATE action

Function	Modification of an already existing row in the specified table.																			
Declaration	<pre>PG_UPDATE handleIdent_Int, pageNrIdent_Int, rowInPageIdent_Int, rowIdent, retCodeIdent_Int [ORAHINT hintIdent_Str]</pre>																			
Parameters	<table><tr><td>handleIdent_Int</td><td>in</td><td>Identifier of the <i>Int</i> type (handle) of the connection with a table (returned by the action <a href="#">PG_CONNECT</a>).</td></tr><tr><td>pgNrIdent_Int</td><td>in</td><td>Identifier of the <i>Int</i> type of the page, where the modified row is placed in.</td></tr><tr><td>rowInPageIdent_Int</td><td>in</td><td>Identifier of the <i>Int</i> type of the serial number of a row modified on the given page.</td></tr><tr><td>rowIdent</td><td>in</td><td>One structure row identifier (new row value).</td></tr><tr><td>retCodeIdent_Int</td><td>output</td><td>Identifier of the <i>Int</i> type - action success.</td></tr><tr><td>hintIdent_Str</td><td>in</td><td>Expression of the <i>String</i> type that defines Oracle SQL hint. It is used as an instruction for the performance optimizer of the SQL command. The value is used without the opening and terminating characters <i>/*+ &lt;orahint&gt; */</i>. The example is mentioned <a href="#">here</a>.</td></tr></table>		handleIdent_Int	in	Identifier of the <i>Int</i> type (handle) of the connection with a table (returned by the action <a href="#">PG_CONNECT</a> ).	pgNrIdent_Int	in	Identifier of the <i>Int</i> type of the page, where the modified row is placed in.	rowInPageIdent_Int	in	Identifier of the <i>Int</i> type of the serial number of a row modified on the given page.	rowIdent	in	One structure row identifier (new row value).	retCodeIdent_Int	output	Identifier of the <i>Int</i> type - action success.	hintIdent_Str	in	Expression of the <i>String</i> type that defines Oracle SQL hint. It is used as an instruction for the performance optimizer of the SQL command. The value is used without the opening and terminating characters <i>/*+ &lt;orahint&gt; */</i> . The example is mentioned <a href="#">here</a> .
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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>Table must be opened with the access <code>_DB_MODIFY</code>. The action will modify a row given by the serial number (the identifier <i>rowInPageIdent_Int</i>, numbering from 1 ...) on a page with the given serial number (the identifier <i>pageNrIdent_Int</i>, numbering from 1...).</p> <p>For using the function on Microsoft SQL Server platform, there must be defined the primary key or at least unique index for a table from the platform. For the platform Sybase and Oracle, the function works without these limitations.</p> <p>If the row position (page, row in a page) is given by the ordering (the clause <code>ORDER BY</code>) and a change will influence items determining this ordering, the row may, using the action <code>PG_UPDATE</code>, change its position. The similar feature occurs also in regarding to the condition of a row selection (</p> <div>WHERE</div> <p>).</p>																			
Example	Work with a database table (actions <a href="#">PG_ ...</a> ).																			
Related topics	<div><a href="#">DB_TRANS_OPEN</a> <a href="#">DB_TRANS_COMMIT</a> <a href="#">DB_TRANS_ROLLBACK</a> <a href="#">DB_TRANS_CLOSE</a></div> <div><a href="#">PG_CONNECT</a> <a href="#">PG_DISCONNECT</a> <a href="#">PG_READ</a> <a href="#">PG_INSERT</a> <a href="#">PG_DELETE</a></div> <div>All database related actions.</div>																			



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