
Subject: Problem with an Add1 as the starting task of a transaction

Posted by [jjtoranzo2004](#) on Thu, 25 Jul 2013 19:54:18 GMT

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Tony,

I created a new workflow with an Add1 transaction as the starting task. The table in question (REPORT) has an auto_increment primary key. The workflow starts normally, but the next transaction in the workflow (an Add2) is not referenced properly, because the context passed is report_id=0 instead of the proper one (e.g. report_id=3843)
(I checked it also saving in a file the \$fieldarray variable inside the _cm_post_insertRecord () method).

The context is passed correctly if the starting task is an Update1.

After reading a bit (http://www.tonymarston.net/php-mysql/functions-and-variables.html#notes._dml_insertrecord) I reached the conclusion that the Framework, using the method _dml_insertRecord (), should be able to obtain the auto-generated value from the database and insert it into the output array. And therefore, to use the generated id as the context in the next task using the _examineWorkflow () method. (Am I wrong?)

The problem only surfaced after including the task as a starting point of a workflow. In itself this Add1 transaction works normally, records are inserted with no problem. And after being created, from the LIST1 task I am able to jump to child task (such as a LIST2 transaction) with the correct context.

Any help or suggestion is appreciated. Thanks in advance.

Subject: Re: Problem with an Add1 as the starting task of a transaction

Posted by [AJM](#) on Fri, 26 Jul 2013 10:57:03 GMT

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You are correct in assuming that the insertRecord() method will automatically return any primary key which is generated via the auto_increment method. I shall have to run a test to see why the value is not being picked up and include in the context.

Subject: Re: Problem with an Add1 as the starting task of a transaction

Posted by [AJM](#) on Fri, 26 Jul 2013 12:55:52 GMT

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I have just done a test, and it worked exactly as it should. My starting task created a new record with an auto_increment value, and this value was correctly passed to the workflow case as the context. As I cannot see a problem with my test you will have to examine your own code to see what is happening. Can you checked the following:
(1) After the call to _dml_insertRecord() in the insertRecord() method within file 'std.table.class.inc'

can you confirm that the returned array contains the newly created primary key?

(2) In the `_examineWorkflow()` method within file 'std.table.class.inc' can you confirm that the `$context` string is being constructed correctly? The `$input` array should contain the primary key field and its value, and the call to `getPkeyNames()` should return the name of the primary key field.

It could be that you have some code somewhere which is replacing the generated value with zero.
