Subject: add5 - Data Area
Posted by htManager on Wed, 17 Jul 2019 10:59:15 GMT
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Hi Tony,

I want to use an add5 pattern to insert multiple records into a table. I read in your documentation that I have to generate these records in the _cm_getInitialDataMultiple function. I wanted to see how you did this but I couldn't find the code in the prototype applications.
Can you please tell me where I can find this code?

Best regards,

Juergen

Subject: Re: add5 - Data Area
Posted by AJM on Thu, 18 Jul 2019 09:29:46 GMT
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There is no sample code for every pattern in the prototype applications as the circumstances which merit their use simply do not exist. You should be aware that the _cm_getInitialDataMultiple() method is only called once when the task is started and before the screen is displayed. It has one input argument called $fieldarray which initially contains any foreign key data which links it to the parent entity. This is also used as the output argument, so what you need to do is replace $fieldarray with a collection of as many rows as you like with whatever data you like.

```
function _cm_getInitialDataMultiple ($fieldarray)
{
   $parent_data = $fieldarray;
   $fieldarray = array();  // clear current data

   while (...)
      // create initial data for first row
      $row = $this->_cm_getInitialData($parent_data);
      $row['field1'] = 'whatever';
      $row['field2'] = 'whatever';
      $fieldarray[] = $row;
   } // while

   return $fieldarray;

} // _cm_getInitialDataMultiple
```

How many rows you create in $fieldarray is entirely up to you. It may be a fixed number, or it may depend on the contents of another table.

Subject: Re: add5 - Data Area
Posted by htManager on Fri, 19 Jul 2019 10:42:35 GMT
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I can now generate the records which I want to insert. Everything works fine so far. But if I select some records and want to insert them in the child database I get the following error message:

Fatal Error: Uncaught exception from Error, message = Call to a member function array_update_associative() on null, code=0, file=C:\xampp\htdocs\radicore\includes\std.add5.inc, line=140, file = C:\xampp\htdocs\radicore\htm\training_plan_anwesenheit(add5) .php
line = 22
function = require
(# 256)

Error in line 463 of file 'C:\xampp\htdocs\radicore\includes\error.inc'.

PHP_SELF: /radicore/htm/training_plan_anwesenheit(add5).php

What did I forget in my code or what did I wrong?

Subject: Re: add5 - Data Area
Posted by AJM on Fri, 19 Jul 2019 13:26:50 GMT
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I accidentally introduced a mistake in script std.add5.inc where line 140 refers to $dbobject instead of $dbouter. Please update yor version and the problem will disappear.

Subject: Re: add5 - Data Area
Posted by htManager on Fri, 19 Jul 2019 14:17:09 GMT
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Perfect. Works fine now. Thank you.
All records will be inserted in the child database even if selected or not. This means that I have to delete not wanted records before submit as described in FAQ 156?

Subject: Re: add5 - Data Area
Posted by AJM on Sat, 20 Jul 2019 08:14:37 GMT
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You do not create several rows in the screen and then select which ones you wish to add to the database - all available rows which are not marked as deleted will be added. If you wish to add more rows than were initially created in the _cm_getInitialDataMultiple() method, or remove rows that you do not actually wish to add, then FAQ 156 is indeed the answer.

Subject: Re: add5 - Data Area
Posted by htManager on Mon, 22 Jul 2019 08:13:22 GMT
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As you mentioned, I do not need to delete rows in an add5 pattern. If I want to insert an additional single record, I do this with an add2 menu task.
Now my question: I select the records in the _cm_getInitialDataMultiple ($fieldarray) function where I get records from a foreign table via the line "$data = $dbobject->getData ($where);"
I tried to show them in a different order but I failed.
Is there the possibility to use $orderby or is the only possibility to sort the $fieldarray before it will be returned?

Subject: Re: add5 - Data Area
Posted by AJM on Mon, 22 Jul 2019 08:39:44 GMT
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Before you use the line "$data = $dbobject->getData()" you can set the ORDER BY sequence using "$dbobject->sql_orderby = 'whatever'". This is documented in https://www.tonymarston.net/php-mysql/functions-and-variable s.html#notes.getdata

Subject: Re: add5 - Data Area
Posted by htManager on Mon, 22 Jul 2019 10:06:26 GMT
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Perfect. Thank you. Works now how I want.
And I have now seen how to use the different variables.