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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

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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.

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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\radcore\includes\std.add5.inc,  
line=140, file = C:\xampp\htdocs\radcore\htm\training_plan_anwesenheit(add5).php  
line = 22  
function = require  
(# 256)
```

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

PHP\_SELF: /radcore/htm/training\_plan\_anwesenheit(add5).php

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

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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.

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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?

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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.

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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?

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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-variables.html#notes.getdata>

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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.

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