Subject: Weird Parent->Child->Child screens help
Posted by cpscdave on Tue, 08 Jul 2008 22:24:47 GMT
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Hi Tony and everyone else.

What I am playing around with right now is, we have a parent table (campaign). In this table 2 of the columns are source_filename and helper_function.

For the child of this table (entry) I use the source_filename to figure out the class and then call the helper_function to populate the data. (I've done this by modifying a std.list2.inc to call the helper function instead of getData). So entry isn't a table

Specifically the child displays parent_id and parent_name, it is the job of the helper function to return these.

So for the trial run. I have a campaign who's entries are accounts. This all works fine.

However now I would like to add a history table under the entry. But when I set this up no selection is being passed down.

Any ideas of what I'm missing to get this to work??

Hopefully what I'm trying to explain is somewhat clear

Subject: Re: Weird Parent->Child->Child screens help
Posted by AJM on Tue, 08 Jul 2008 23:33:38 GMT
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You don't need to modify std.list1.inc to call your helper function instead of getData(). You can use a special class which inherits from 'std.table.class.inc' even though it does not do any database access. Take a look at http://www.tonymarston.net/php-mysql/infrastructure-faq.html #faq57 which describes the use of a virtual table - a class which has no corresponding database table. This describes a task which is available in the Classroom prototype, so you have some working code to examine which you can use to build your own task.

The getData() will by default try to access the database, but after receiving data from the parent class you can turn off the database read and do something else instead. You can even construct the string which is then passed down to the next table class.

Subject: Re: Weird Parent->Child->Child screens help
Posted by cpscdave on Thu, 10 Jul 2008 17:15:37 GMT
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Hi Tony,

Thanks for the insight. I have followed the faq and got it to work (spent a good amount of time trying to figure out why it wasn't. I had forgotten to change the inner table from the calculated table name I was using before to the virtual table class opps).

It's working now, the selection is being passed down to the virtual tables child.
However on the list screen for the virutal table it is only giving me one row per page.
Any suggestions on why this would be??

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Subject: Re: Weird Parent->Child->Child screens help
Posted by AJM on Thu, 10 Jul 2008 17:34:23 GMT
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What value do you have set for $this->rows_per_page for the inner entity? Does your modified LIST2 script have a line which reads $dbinner->setRowsPerPage(1)? How many records actually match your selection criteria?

$this->rows_per_page governs the value of LIMIT which is used in the sql SELECT statement, so if it is only returning 1 then either:
(a) you have set LIMIT to 1, or
(b) only 1 record satisfies the selection criteria

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Subject: Re: Weird Parent->Child->Child screens help
Posted by AJM on Thu, 10 Jul 2008 17:37:21 GMT
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If you are using a 3 level structure (parent->child->grandchild) then be aware that only the bottom-most level can return more than one row at a time. All the higher levels have an enforced limit of one. This is by design.

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Subject: Re: Weird Parent->Child->Child screens help
Posted by cpscdave on Thu, 10 Jul 2008 18:54:41 GMT
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So I do have a parent->child->grandchild set up going with the child as the virtual table.

What the issue is on the List2 screen of parent->child. The child records all show up but only 1 per page.

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Subject: Re: Weird Parent->Child->Child screens help
Posted by AJM on Thu, 10 Jul 2008 19:13:39 GMT
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What sql SELECT statement is the child issuing? Does it contain a LIMIT clause? How many records SHOULD be selected?

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Subject: Re: Weird Parent->Child->Child screens help
Posted by cpscdave on Thu, 10 Jul 2008 21:09:35 GMT
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Okay I'm thinking that maybe the issue arises from the fact that what I'm trying to do with the virtual table and what you do in your example aren't exactly the same.

What I'm reading in the example when you call $this->getScrollItem($this->pageno)
It returns information on a single record.

For what I'm trying to do. There can be 0-N children. So whats happening is I'm getting N pages with 1 record each instead of N/rowsPerPage pages with rowsPerPage records on it.

Is there a built in function getScrollSet($pageno) that returns what I need??

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Subject: Re: Weird Parent->Child->Child screens help
Posted by AJM on Thu, 10 Jul 2008 21:16:56 GMT
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You shoud only be using getScrollItem() in the middle entity of a LIST3 screen, so why are you using it as the inner entity of a LIST2 screen?

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Subject: Re: Weird Parent->Child->Child screens help
Posted by cpscdave on Thu, 10 Jul 2008 21:28:54 GMT
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AHA there's the confusion
Its not a list 3 DOH! Feel kinda silly now

This screen is just a Parent->child relationship. My original inquiry started cause I couldn't get the child->grandchild to work how I was doing it.

My life would be some much easier if people could only read my mind cause apparently I really suck at explaining what I'm trying to do lol

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Subject: Re: Weird Parent->Child->Child screens help
Posted by AJM on Thu, 10 Jul 2008 22:12:48 GMT
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If you wish to display multiple rows at a time then you must create an sql SELECT statement that retrieves multiple rows. The example that I provided is used for retrieving one row at a time from a virtual table.

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