Subject: Calling List2 from a List2
Posted by ljkbrost on Mon, 16 Nov 2009 09:25:16 GMT
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Hi,

I have a grandparent->parent->child relationship for a network monitoring database. The tables are:

Device
  device_id
  device_name

DevicePort
  device_id
  port_id
  port_speed

PortMonitor
  port_id
  monitor_date
  monitor_counter

I have create a list2 screen with:
outer_table = Device
inner_table = DevicePort

On this list2 screen I would like to create a navigation button called "Monitoring Data". You select the port from the current list2 screen, click the button and are sent to a new list2 with:

outer_table = DevicePort
inner_table = PortMonitor

When I implement this structure, my second list2 transaction is only sent "device_id" and NOT "port_id". I get the error message that the parent has not been selected.

If I change the screen to a list3, it works fine.

I don't want the complexity of a list3 at this point and I would like to go from a list2 to another list2.

How can I do this?

Thanks,

Kyle Brost
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www.SoftElephant.com

Subject: Re: Calling List2 from a List2
Posted by AJM on Mon, 16 Nov 2009 09:39:16 GMT
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When you select occurrences of 'DevicePort' and press a navigation button the framework will extract the primary key from every selected row and place it in the $where string which is passed to the next object. If the primary key of the 'DevicePort' table is 'device_id+port_id' then both values should be included.

If 'port_id' is being excluded then it is one of the following:
(1) It is not defined as part of the primary key, therefore is not being extracted into the $where string.
(2) It is being extracted, but somehow it is being filtered out.

If it is #2 then you will have to step through the code with your debugger so see where it is happening.

Subject: Re: Calling List2 from a List2
Posted by ljkbrost on Mon, 16 Nov 2009 09:45:55 GMT
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So based on my table layout would you say my primary key is:

1) port_id
2) device_id, port_id

I ask because #1 above gives me the same problem and #2 allows it work. I was thinking that device_id is a foreign key.

Thanks.

Subject: Re: Calling List2 from a List2
Posted by AJM on Mon, 16 Nov 2009 12:24:13 GMT
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Your table layout does not identify the primary key, which is why I asked the question.

(1) What is being extracted into the $where by the 1st LIST2 task?
(2) What is being filtered out of the $where string by the 2nd LIST2 task?

That is why I asked you to step through with your debugger to see what is happening and where.

You might also want to take a look at Passing context between objects.

Subject: Re: Calling List2 from a List2
Posted by ljkbrost on Tue, 17 Nov 2009 01:04:50 GMT
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Thanks for the insight I will review and see what is happening.

What debugger/editor do you use to step through things?

I'm using the good old 'print' statement for much of my debugging.

Subject: Re: Calling List2 from a List2
Posted by AJM on Tue, 17 Nov 2009 09:15:53 GMT
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I use the debugger which comes with Zend Studio, but I used to use PHPEdit.

If you google 'php debugger' you will see other options that are available.

Once you use an interactve debugger you will never go back to primitive 'print' statements.