Subject: Search for field in related table
Posted by janalwin on Tue, 13 Mar 2007 16:19:02 GMT
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Hallo,

Is it possible to do a search on a field from a related table?

I have a table with product,brands, and products_brands. Some products are conversion sets for other brands. These relations are placed in product_brands.

If i search a brand, I also want to find the conversionsets for this brand.

This is a simplefied version what i've tried to do:
$sql_from= "product LEFT JOIN products_brands ON
product.product_id=product_brands.product_id ";
....
$where="brand_id='2'  OR products_brands.brand_id='2'"
$x=getData($where)

The product_brands.brands_id part seems to get lost in the _sqlAssembleWhere function of std.table.class.inc.

I've tried adding a fieldspec for products_brands.brand_id to the product table, but this didn't help.

Subject: Re: Search for field in related table
Posted by AJM on Tue, 13 Mar 2007 17:20:31 GMT
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The contents of $where ($sql_where) is filtered to remove any columns which do not exist in the current table. If you are joining to other tables then search criteria for these other tables can be placed inside $this->sql_search using code inside the _cm_pre_getData() method. The contents of $this->sql_search has a different filter mechanism.

Subject: Re: Search for field in related table
Posted by janalwin on Tue, 13 Mar 2007 20:26:24 GMT
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Thanks for the speedy reply.

I'll try it later this week

Subject: Re: Search for field in related table
Posted by bmoore on Wed, 22 Oct 2008 20:54:55 GMT
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Is there anything that goes more in depth into this topic. I have been trying to search by a related table for quite some time.

Subject: Re: Search for field in related table
Posted by AJM on Wed, 22 Oct 2008 21:07:17 GMT
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First you need to identify the SQL statement that does what you want. Then you get the framework to generate that statement.

Subject: Re: Search for field in related table
Posted by rhogan on Wed, 05 Nov 2008 08:23:13 GMT
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AJM wrote on Tue, 13 March 2007 13:20The contents of $where ($sql_where) is filtered to remove any columns which do not exist in the current table. If you are joining to other tables then search criteria for these other tables can be placed inside $this->sql_search using code inside the _cm_pre_getData() method. The contents of $this->sql_search has a different filter mechanism.

Could you provide a specific example of this? What code goes in which file?

For instance, I've got 2 tables with a one-to-many relationship, one person to many phone numbers.

I'd like to add phone number to the search screen for person in a drop down. So the user who has a phone number can find out what person it belongs to. In other words, I want to do a search on the senior table, based on a value in the junior table, and I need to have that field appear for input on the senior table search screen.

This seems like it should be simple, but I've been working through the tutorial for at least a week and I just can't find the solution. I can't have a user pick the person before getting to phone, because, that's what they would be searching for.

Thanks,
Boz

Subject: Re: Search for field in related table
Posted by AJM on Wed, 05 Nov 2008 09:52:55 GMT
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Look at my previous reply.
Quote:First you need to identify the SQL statement that does what you want. Then you get the framework to generate that statement.
Take a look at FAQ08 and FAQ84 for details on how to achieve the latter.

Subject: Re: Search for field in related table
Posted by rhogan on Tue, 02 Dec 2008 16:40:49 GMT
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rhogan wrote on Wed, 05 November 2008 03:23AJM wrote on Tue, 13 March 2007 13:20 If you are joining to other tables then search criteria for these other tables can be placed inside $this->sql_search using code inside the _cm_pre_getData() method. The contents of $this->sql_search has a different filter mechanism.

Tony,

I've been trying this but the _cm_pre_getData() method doesn't seem to be getting called when the user presses the "Search" button.

Thanks,
Boz

Subject: Re: Search for field in related table
Posted by AJM on Tue, 02 Dec 2008 17:37:27 GMT
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When the user presses the SUBMIT button in the search screen any data entered is put into a string which is passed back to the calling task. When that task is re-activated this string is loaded into $this->sql_search of the relevant object so that it can be actioned during the next call to the getData() method. If you check with your debugger when the task is reactivated you will see that it does go through the getData() and _cm_pre_getData() methods.

Subject: Re: Search for field in related table
Posted by rhogan on Tue, 02 Dec 2008 17:45:29 GMT
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I'm sorry.  It's before it gets to the Submit.  I'm trying to add a field to the search screen that isn't in the table, rather it's in a junior table.  I've altered the SQL in the senior table class, the screen layout script and the component script, but still can't get the new/foriegn field to show up.

Subject: Re: Search for field in related table
Posted by AJM on Tue, 02 Dec 2008 18:47:02 GMT
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I have put an example of how to do this in FAQ120.

Subject: Re: Search for field in related table
Posted by rhogan on Tue, 02 Dec 2008 18:49:20 GMT
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Awesome, thanks!