Subject: Choose null on add3 popup
Posted by David Lee on Wed, 15 Jan 2014 17:53:25 GMT
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Please could you confirm if the select null option is correctly handled in add3. I found that on return from the popup, $selection is "table_index="". It appears to me that if, on the initialisation in std.add3.inc, the code is

$where = $dbobject->initialise($where, $selection);

then the message 'Nothing selected from popup screen' appears, which I would regard as correct behaviour. However, the actual code is

$null = null;
$where = $dbobject->initialise($where, $null);

which causes further code to be executed instead of returning quickly, and, for me then produced an sql error, possibly because of some other bug in my code.

Checking to see how other add3 screens in the system work, I could not find any which did not have the "choose null" button suppressed, but the cancel button servers the same purpose. It may be that the quickest work round for me is to suppress that button in my application, but I thought I would raise it here first for advice.

Subject: Re: Choose null on add3 popup
Posted by AJM on Wed, 15 Jan 2014 22:58:29 GMT
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In the _cm_popupCall() method of the task which calls the popup you must set $settings['select_one'] to FALSE. This will allow multiple selections in the popup screen and will remove the 'Choose Null' button.

Subject: Re: Choose null on add3 popup
Posted by David Lee on Sat, 18 Jan 2014 10:36:40 GMT
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Thanks for the guidance. I have also noted since I posted that http://www.tonymarston.net/php-mysql/dialog-types.html#popup details that choose null and cancel are not the same, and shows a screen from the framework with a choose null option - /dict/table(popup2).php, from relationship(add2)a.php, which I did not find previously as I was only looking at ones from add3 screens.

Subject: Re: Choose null on add3 popup
Posted by AJM on Sat, 18 Jan 2014 11:15:48 GMT
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When a popup is called from an ADD3 screen you are supposed to set $settings['select_one']=FALSE so that the popup screen will allow you to make multiple selections. This is done by displaying the SELECT boxes as checkboxes. In this case the popup will remove the 'Choose Null' button. The ADD3 screen is used to maintain the contents of the link table in a many-to-many relationship, and it will take whatever is selected in the popup and add it to the link table. You either CHOOSE records in the popup or you CANCEL. Using CHOOSE NULL will attempt to add a record with a NULL value, which produces the error you encountered.

When a popup is called from other screens then the default value of $settings['select_one'] is TRUE, in which case the popup screen will show the SELECT boxes as radio buttons causing only a single selection to be possible. In these screens the popup is used to a supply a single value for a single field in the current database record, and this value may be set to an actual value or emptied with a NULL value.

I hope this makes it clear.

Subject: Re: Choose null on add3 popup
Posted by Rumor1928 on Wed, 01 Oct 2014 07:04:33 GMT
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AJM wrote on Sat, 18 January 2014 11:15

When a popup is called from other screens then the default value of $settings['select_one'] is TRUE, in which case the popup screen will show the SELECT boxes as radio buttons causing only a single selection to be possible. In these screens the popup is used to a supply a single value for a single field in the current database record, and this value may be set to an actual value or emptied with a NULL value.

This is a very good and clear explanation AJM. I also faced the misunderstanding of null and cancel records, but I figured it out.