Subject: List view (List3)
Posted by htManager on Tue, 15 Dec 2020 21:11:21 GMT
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Hello Tony,
how can I show all inner table records of the outer table selection without the middle table records? Is this possible?

Or can I set a filter with the outer table selection to the inner table?

Best regards,

Juergen

Subject: Re: List view (List3)
Posted by AJM on Wed, 16 Dec 2020 09:48:58 GMT
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No. With a LIST pattern there are 3 tables - outer, middle and inner. Both the outer and middle tables will show only one row while the inner table will show multiple rows. At runtime the primary key of the outer table is passed down to the middle table so that it can read all children of that parent, but only show them one at a time. Then the primary key of the current row in the middle table is passed down to the inner table so that it can read all the children of that middle row, and it will show them in pages.

If you want to bypass the middle table then you should use a LIST2 pattern which does not have a middle table.

Subject: Re: List view (List3)
Posted by htManager on Thu, 17 Dec 2020 12:09:51 GMT
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I tried the list2 pattern but I didn't succeed. The key of the outer table is only part of the key of the inner table and in my list2 screen there are always shown all records of the inner table. That was the reason that I thought that a list3 pattern would fit better. In the middle table there are the missing key values for the inner table.
I tried to modify the $where string in the _cm_initialize() method but I don't know how to get the missing key values for the inner table to show/filter the right occurences.

Subject: Re: List view (List3)
Posted by AJM on Fri, 18 Dec 2020 09:48:59 GMT
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Your original question was "how can I show all inner table records of the outer table selection

without the middle table records?" It now seems that you still want to filter the inner table using the middle table, but without showing the inner table. Is this correct? If you don't show the middle table then it is not possible to identify which values from which middle row should be used to filter the inner table. If there are multiple occurrences of the middle table then screen would show hyperlinks which enabled you to scroll through them.

If by the time you get to the _cm_pre_getData() method of the inner table you know what these filer values are you can always add them to $this->sql_search or even the $where string. I do this quite often in my own code, so I know it is possible. The only problem arises if you don't know what these filter values are, but if you don't know what they are I'm afraid that the framework cannot conjure them up for you.

Subject: Re: List view (List3)
Posted by htManager on Fri, 18 Dec 2020 17:14:34 GMT
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Yes, you understood right that I actually want to filter the records of the inner table. If I understand you right, it would be best to call a list1 pattern of the inner table and modify the $where clause in the _cm_pre_getData() method with the chosen filter values of the outer table.
As far as I see, I get the filter values in the _cm_initialize() method and in the _cm_pre_getData() method I see all the primary key values. I will try this.

Subject: Re: List view (List3)
Posted by htManager on Fri, 18 Dec 2020 19:50:59 GMT
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I have now the result that I want. I can filter the records with the _cm_pre_getData() method. But as soon as I change something in the list view of the sreen as showing 25 reocrds instead of 10, then the records vanish and I see nothing anymore. Do I have to add or change something more in a secord _cm_ method?

Subject: Re: List view (List3)
Posted by AJM on Sat, 19 Dec 2020 10:11:53 GMT
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You have to ensure that when you construct the query in the first call to _cm_pre_getData() you do not corrupt it in the second and subsequent calls. You need to examine the first query then compare it with the second query.

Subject: Re: List view (List3)
Posted by htManager on Sat, 19 Dec 2020 11:06:02 GMT
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Where can I find the subsequent calls?

I have the following methods in my class file:

_cm_initalise(): I get the values of the outer table in the $where string and store them in $Globals[] for modifying the $where string later
_cm_getValRep(): the $where string is emtpy.
_cm_pregetData(): the original $where string has the value 'rdcaccount_id='7''. I added this original string to my modified string.
_cm_getExtraData() the original $where string has the value 'rdcaccount_id='7''. I added this original string to my modified string before return $fieldarray.

_cm_getInitialDataMultiple(), _cm_popUpReturn() and _cm_postfetchRow() do not have a $where string

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Subject: Re: List view (List3)
Posted by AJM on Sun, 20 Dec 2020 09:58:46 GMT
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The getData() method, and therefore the _cm_pre_getData() method, is called each time a web page is built. Once a page has been loaded for the first time and the _cm_pre_getData() method called for the first time, any activities you perform in that page, whether it be pressing a hyperlink or pressing a button, which cause that page to be refreshed will result in repeated calls to getData(). This means that after you have constructed the various SQL component strings the first time you must not allow subsequent calls to _cm_pre_getData() to corrupt those strings.

Subject: Re: List view (List3)
Posted by htManager on Sun, 20 Dec 2020 12:08:47 GMT
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How can I do this best?

I tried it with the following code in the _cm_pre_getData() method (which does not work):

```
switch ($GLOBALS['task_id']) {

    case 'htm_orga_ausruestung_s01_kontakte(list1)':

        $where_original = $where;

        // filtert die Werte aus orga_mannschaften_kontakte_ausruestung nach den ausgewÃ¤hlten Artikeln
        $where = "ma_ausruestung_id='{$GLOBALS['ausr_id']}' AND
```

```
ma_ausruestung_artikelnummer='{$GLOBALS['ausr_anr']}' AND " .
            "ma_ausruestung_rdcaccount_id='{$GLOBALS['ausr_rdc']}' AND " . $where_original;

            break;

        default:
            break;
    }
```

Subject: Re: List view (List3)
Posted by AJM on Mon, 21 Dec 2020 10:01:33 GMT
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It is just the WHERE string which is being lost on subsequent calls to _cm_pre_getData(), or is the entire SQL query being altered?

If it is just the WHERE string then, once you have constructed it, you can store it in $this->save_initial_where and this will be used in all subsequent calls to _cm_pre_getData().

Subject: Re: List view (List3)
Posted by htManager on Mon, 21 Dec 2020 11:30:41 GMT
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It seems that I am doing something wrong.

It is just the $where string which I alter in the _cm_pre_getData() method. And directly after constructing the new $where string I save it with $this->save_initial_where = $where;

I created a new subclass for this task extending the main class/DefaultTable. Do I have to change or add something in this subclass?

Subject: Re: List view (List3)
Posted by AJM on Tue, 22 Dec 2020 09:36:26 GMT
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You need to step through with your debugger to see what is happening to the $where string on the second and subsequent calls to _cm_pre_getData(). Somewhere along the line it is being overwritten, so you need to find out where.

Subject: Re: List view (List3)
Posted by htManager on Sat, 26 Dec 2020 10:20:35 GMT
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Then I will try it. Thank you.