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Subject: Coloring a row in a SqlArray  
Posted by [Giorgio](#) on Thu, 09 Aug 2018 12:34:56 GMT  
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Hi there,  
is there a way to set the color of a row of a SqlArray basing on a value of the related record in the database?

I have this SqlArray and - according on the value of a certain field that is not shown on screen - the line itself should be green or not colored.

So far, I have set a callback to the post query event: `mySqlArray.WhenPostQuery = THISBACK(ColorLines)`.

The `ColorLines()` method is as follows:

```
void MyApp::ColorLines()
{
    for(int i = 0;i<mySqlArray.GetCount();i++) {
        mySqlArray.SetCursor(i);
        if(DB_data.IsAvailable(mySqlArray.GetKey()))
            JobList.SetLineColor(i, LtGreen());
    }
}
```

The `DB_data.IsAvailable()` method, checks the value of the field `Available` for the record: if the value is `Y` (yes) the method returns `true`, and the row will be colored in green. This approach works, indeed, but it seems to me really inefficient: to fill in the table I have just issued a `select` statement to the table, now I am issuing an additional `select` for each row of the table. Is there a way for me to set the color at the same tome when filling the table?

As a side question: to get the `*value*` of the primary key there is the very convenient method `GetKey()`. The problem is that it returns "the value of the current row's primary key". To go through all the rows, I have to use `SetCursursor(i)` in the `for` loop to make the `i`-th row the current one. Does it exist a method like `GetKey(int i)` that returns the value of the key of the `i`-th row?

Regards,  
Gio

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Subject: Re: Coloring a row in a SqlArray  
Posted by [mirek](#) on Mon, 20 Aug 2018 06:43:42 GMT  
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Giorgio wrote on Thu, 09 August 2018 14:34

The `DB_data.IsAvailable()` method, checks the value of the field `Available` for the record: if the value is `Y` (yes) the method returns `true`, and the row will be colored in green. This approach works, indeed, but it seems to me really inefficient: to fill in the table I have just issued a `select` statement to the table, now I am issuing an additional `select` for each row of the table. Is there a way for me to set the color at the same time when filling the table?

Unfortunate... really unfortunate.

Either you can consider to fill the table NOT USING Query and set line color as you add rows. In that case, it is possible that you will rather want to use `ArrayCtrl` instead.

Or you can `AddIndex` to store the value that you wish to use for the color, then either setup Display based on the index or just test this index in `ColorLines`.

Depends on what is in "`IsAvailable`"...

Quote:

As a side question: to get the \*value\* of the primary key there is the very convenient method `GetKey()`. The problem is that it returns "the value of the current row's primary key". To go through all the rows, I have to use `SetCursursor(i)` in the for loop to make the `i`-th row the current one. Does it exist a method like `GetKey(int i)` that returns the value of the key of the `i`-th row?

Yeah, that is not right approach. Just use `.Get(i, 0)` - primary key is by definition always the first index.

Mirek

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Subject: Re: Coloring a row in a `SqlArray`  
Posted by [Giorgio](#) on Mon, 27 Aug 2018 11:16:25 GMT  
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mirek wrote on Mon, 20 August 2018 08:43

Or you can `AddIndex` to store the value that you wish to use for the color, then either setup Display based on the index or just test this index in `ColorLines`.

Hi Mirek,  
thanks for the answer, the `AddIndex()` method worked as a charm.

Before you answered, to fix this issue, I added a "hidden" column (a column with a width of -1) containing the value used to color the lines. That worked, but the user was able to see that value if he manually changed the column width. I searched for a method to make the column really hidden, but I did not find it (there is a `Hide()` method, but is for `Ctrl`). So, just to get to know better UPP, does such method exist?

Regards,  
Gio

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