Subject: SqlArray and data validation
Posted by forlano on Tue, 26 Jul 2011 18:51:27 GMT
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Hello,

I have a SqlArray with several EditString in the columns and the user can add record at his pleasure but I do not want to pollute the database of records with almost empty fields (with space for example).
So the question is: How is the recommended way to validate the data the user enters BEFORE they are gone in the databas

Thanks,
Luigi

Subject: Re: SqlArray and data validation
Posted by forlano on Wed, 27 Jul 2011 10:48:36 GMT
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forlano wrote on Tue, 26 July 2011 20:51
So the question is: How is the recommended way to validate the data the user enters BEFORE they are gone in the databas

I suspect the solution is WhenPreQuery callback...

EDIT: No, it isn't...

Subject: Re: SqlArray and data validation
Posted by Sender Ghost on Wed, 27 Jul 2011 15:37:42 GMT
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Hello, Luigi.

forlano wrote on Tue, 26 July 2011 20:51
How is the recommended way to validate the data the user enters BEFORE they are gone in the database

I suggest to use Accept function to check if valid values used for Ctrls (more about this here, on 18 section).
To set valid values SetFilter or SetConvert (with creation of specialised Convert class) functions may be used.
Also, NotNull property of Ctrl can be used to prevent empty values. TrimLeft, TrimRight or TrimBoth EditString Ctrl functions to trim spaces from left, right or both sides, respectively.

In the case of ArrayCtrl/SqlArray you could try to use WhenAcceptRow, WhenAcceptEdit notification callbacks in conjunction with IsEdit, IsInsert ArrayCtrl functions.

Subject: Re: SqlArray and data validation
Posted by forlano on Wed, 27 Jul 2011 17:51:15 GMT
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Sender Ghost wrote on Wed, 27 July 2011 17:37Hello, Luigi.

forlano wrote on Tue, 26 July 2011 20:51
How is the recommended way to validate the data the user enters BEFORE they are gone in the database

I suggest to use Accept function to check if valid values used for Ctrls (more about this here, on 18 section).
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In the case of ArrayCtrl/SqlArray you could try to use WhenAcceptRow, WhenAcceptEdit notification callbacks in conjunction with IsEdit, IsInsert ArrayCtrl functions.

Hello,

thanks for the suggestions. I'll try them.

Luigi

Subject: Re: SqlArray and data validation
Posted by Sender Ghost on Wed, 27 Jul 2011 22:16:24 GMT
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In your case (with spaces and empty values) you might use following example:

```
#include <CtrlLib/CtrlLib.h>

using namespace Upp;

class App : public TopWindow {
public:
 typedef App CLASSNAME;
 App();
 // Ctrls
```

```
 EditString text; // or EditStringNotNull
 ArrayCtrl list;
 // Events
 bool OnAcceptRow();
};

App::App()
{
 Title("Data validation example");
 CenterScreen().Sizeable().MinimizeBox().MaximizeBox();
 SetRect(Size(320, 240));

 Add(list.SizePos());

 text.NotNull().TrimBoth(true);

 list.Appending();
 list.AddColumn("Text").Edit(text);
 list.WhenAcceptRow = THISBACK(OnAcceptRow);
}

bool App::OnAcceptRow()
{
 const String& data = text.GetData();

 if (data.IsEmpty())
  return false;

 return true;
}

GUI_APP_MAIN
{
 Ctrl::GlobalBackPaint();

 App app;
 app.Run();
}
```

Subject: Re: SqlArray and data validation
Posted by forlano on Thu, 28 Jul 2011 06:48:24 GMT
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Sender Ghost wrote on Thu, 28 July 2011 00:16In your case (with spaces and empty values) you might use following example:

Thank you, I needed just that!
Everything is clear now.

Luigi
