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Subject: GridCtrl samples with all functions and methods

Posted by [bernz](#) on Sun, 28 Feb 2010 04:12:11 GMT

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Hi,,

I really liked the GridCtrl..kudos to your work !

I would like to explore it, however..it lacks documentation , can you provide one or better yet a working sample app

Thanks and regards,  
bernz

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Subject: Re: GridCtrl samples with all functions and methods

Posted by [Ficko](#) on Thu, 25 Mar 2010 20:40:19 GMT

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Yep it would be nice.

I am using U++ for 2 days right now and got 10 years older already not being able to get even

Like

Quote:

'WhenRowChange' : is not a member of 'Upp::GridCtrl'

or

Quote:

```
grid.AddColumn("Name").Edit(name);  
grid.AddColumn("Age").Edit(age);
```

Any input would be heavily appreciated.

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Subject: Re: GridCtrl samples with all functions and methods

Posted by [unodgs](#) on Thu, 25 Mar 2010 21:40:46 GMT

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Could you attach a full test case? It looks like grid variable is not GridCtrl type. All you need is:

```
#include <GridCtrl/GridCtrl.h>
using namespace Upp;
GridCtrl grid;
```

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Subject: Re: GridCtrl samples with all functions and methods

Posted by [Ficko](#) on Fri, 26 Mar 2010 09:21:26 GMT

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Oh I just practically "copy-paste" the samples from  
"Used packages/GridCtrl/Tutorial"

I am not saying that anything is wrong with the package only that it is useless for a novice like me without a good manual.

Here is the test case I tried to tinker following the "Tutorial".

Quote:

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

```
using namespace Upp;
```

```
struct App : TopWindow
{
    typedef App CLASSNAME;
```

```
    GridCtrl grid;
```

```
    App()
```

```
    {
        EditString name;
        EditInt age;
        Add(grid.SizePos());
        grid.AddColumn("Name").Edit(name); //This doesn't work
        grid.AddColumn("Age").Edit(age); //Or I am missing a callback not explained in help
        grid.Add("Ann", 21)
            .Add("Jack", 34)
            .Add("David", 15);
        //grid.WhenLeftDouble = THISBACK(ShowInfo); //This works
        //grid.WhenRowChange = THISBACK(RandomColor); //This doesn't compile
    }
```

```
    void ShowInfo()
```

```

{
    PromptOK(Format("%s is %d years old", grid(0), grid(1)));
}
void RandomColor()
{
    grid.GetRow().Bg(Color(rand() % 255, rand() % 255, rand() % 255));
}
};

```

GUI\_APP\_MAIN

```

{
    App().Run();
}

```

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Subject: Re: GridCtrl samples with all functions and methods

Posted by [koldo](#) on Fri, 26 Mar 2010 10:05:31 GMT

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Hello Ficko

This will work.

I have just moved EditString name; and EditInt age; out of App() and added  
grid.Editing().Appending().AskRemove().Canceling().Duplicating().Clipboard().ColorRows(); . You  
will not need it all but it is just a sample. Try to click with right button

Hope this helps.

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

```
using namespace Upp;
```

```
struct App : TopWindow
```

```
{
    typedef App CLASSNAME;
```

```
    GridCtrl grid;
```

```
    EditString name; // Out of App() so they are always available
```

```
    EditInt age;
```

```
    App()
```

```
{
    Add(grid.SizePos());
    grid.AddColumn("Name").Edit(name); //This doesn't work

```

```

grid.AddColumn("Age").Edit(age);//Or I am missing a callback not explained in help
grid.Add("Ann", 21)
.Add("Jack", 34)
.Add("David", 15);
grid.Editing().Appending().AskRemove().Canceling().Duplicating().Clipboard().ColorRows(); //
With this you can edit, append, ...
grid.WhenLeftDouble = THISBACK(ShowInfo); //This works
//grid.WhenRowChange = THISBACK(RandomColor); //This doesn't compile
}
void ShowInfo()
{
    PromptOK(Format("%s is %d years old", grid(0), grid(1)));
}
void RandomColor()
{
    grid.GetRow().Bg(Color(rand() % 255, rand() % 255, rand() % 255));
}
};

```

```

GUI_APP_MAIN
{
    App().Run();
}

```

---

Subject: Re: GridCtrl samples with all functions and methods  
 Posted by [Ficko](#) on Fri, 26 Mar 2010 14:34:04 GMT  
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Thanks Koldo,

really appreciate your help.

Now I have something running as starting point!

Just curious what is wrong with "grid.WhenRowChange" ?

Do this member get canceled ?

One other thing.

The manual says:

Quote:

1) Not fully implemented in current version, only resizing of rows. Column resizing will be available in full 1.0 version.

Do this main the U++ version or do the GridCtrl has his own versioning ?

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Subject: Re: GridCtrl samples with all functions and methods

Posted by [koldo](#) on Fri, 26 Mar 2010 18:53:35 GMT

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Hello Ficko

I am not a GridCtrl expert. However WhenChangeRow exists now.

Perhaps the projected name was WhenRowChange and finally it was changed.

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Subject: Re: GridCtrl samples with all functions and methods

Posted by [bernz](#) on Sun, 30 May 2010 16:06:16 GMT

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How do set the header "theme"?

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Subject: Re: GridCtrl samples with all functions and methods

Posted by [cbpporter](#) on Mon, 31 May 2010 06:59:46 GMT

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bernz wrote on Sun, 30 May 2010 19:06How do set the header "theme"?

You can use normal Chameleon themeing methods, but the header style is shared between HeaderCtrl, ArrayCtrl and GridCtrl, so you need to create or edit a HeaderCtrl::Style.

```
HeaderCtrl::Style& s = HeaderCtrl::StyleDefault().Write();
```

```
// use s
```

---

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Subject: Re: GridCtrl samples with all functions and methods

Posted by [unodgs](#) on Mon, 31 May 2010 08:06:54 GMT

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cbpporter wrote on Mon, 31 May 2010 02:59bernz wrote on Sun, 30 May 2010 19:06How do set the header "theme"?

You can use normal Chameleon themeing methods, but the header style is shared between HeaderCtrl, ArrayCtrl and GridCtrl, so you need to create or edit a HeaderCtrl::Style.

```
HeaderCtrl::Style& s = HeaderCtrl::StyleDefault().Write();
```

```
// use s
```

---

The easiest way to do that is to use SetTheme method:

```
grid.GetDisplay()->SetTheme(1);
```

There are 7 themes available now (see GridCtrl.img). If you want to modify theme as cbporter suggested you have to call grid.Chameleon() first.

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Subject: Re: GridCtrl samples with all functions and methods

Posted by [bernz](#) on Wed, 02 Jun 2010 01:08:12 GMT

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Sorry, I'm a newbie...can you provide a complete code sample...thanks a lot!

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