
Subject: Accessing embedded controls in a gridCtrl
Posted by [bianconejo](#) on Fri, 24 Jul 2009 13:12:54 GMT
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Hello guys !

I defined a GridCtrl with an embedded ProgressIndicator :

GridCtrl a;

```
a.AddColumn("Titre")  
a.AddColumn("Deroulement").Ctrls<ProgressIndicator>();
```

I can set the first column but I can't find any way to access the ProgressIndicator.

Thanx !

Subject: Re: Accessing embedded controls in a gridCtrl
Posted by [koldo](#) on Sat, 25 Jul 2009 14:24:26 GMT
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Hello bianconejo

You can embed a ProgressIndicator into an ArrayCtrl using this:
<http://www.ultimatepp.org/forum/index.php?t=msg&th=3145&start=0&>

With GridCtrl I have embedded well an "Option", but I do not know how to do it with ProgressIndicator.

It seems everybody is on holiday

Best regards
Koldo

Subject: Re: Accessing embedded controls in a gridCtrl
Posted by [bianconejo](#) on Sun, 26 Jul 2009 13:59:06 GMT
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Thanx for your reply Koldo !

sorry for my first post, I've not been very clear:

embedding the control in the grid/array is not a problem, what makes me stall is modifying the embedded control values and accessing to their owned function.

for my example i would like to change the ProgressIndicator actual and total values in order to display a progression within a table.

I tried:

```
gridDeroulement.GetCtrl(row,column).Set(actual,total);
```

...but it fails.

Subject: Re: Accessing embedded controls in a gridCtrl

Posted by [koldo](#) on Sun, 26 Jul 2009 22:03:40 GMT

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Hello bianconejo

I understood well. In

With GridCtrl I have embedded well an "Option", but I do not know how to do it with ProgressIndicator.

with "embed well" I meant not just to put the control, but really handle it. With

```
a.AddColumn("Deroulement").Ctrls<ProgressIndicator>();
```

you put the control inside, but when doing a.Add(20), the corresponding Set to the underlying ProgressControl does a Set(0, 0), so it appears a default bar.

You can also derive a class from ProgressIndicator and in the costructor you can do a SetTotal(100), but again in the corresponding GridCtrl underlaying Set function you get a Set(0, 100), so you get and empty ProgressIndicator.

In opposite, if you use an Option if you do an a.Add(true), GridCtrl does a Set(true) to the underlying Option control, so it works well.

Best regards
Koldo

Subject: Re: Accessing embedded controls in a gridCtrl

Posted by [bianconejo](#) on Mon, 27 Jul 2009 09:33:22 GMT

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Hi Koldo !

Thanx for your replies !

... then i'll drop gridCtrl and use arrayCtrl for this kind of implementation.

Thanx again

Subject: Re: Accessing embedded controls in a gridCtrl

Posted by [koldo](#) on Mon, 27 Jul 2009 14:08:53 GMT

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Hello bianconejo

I am sure that it is possible to do it in GridCtrl but it seems everybody is on holidays.

Perhaps in some weeks somebody can give you an answer

Best regards

Koldo

Subject: Re: Accessing embedded controls in a gridCtrl

Posted by [mrjt](#) on Mon, 27 Jul 2009 15:04:14 GMT

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I don't actually use GridCtrl and I haven't tested it, but this should work:

```
struct ProgressValue {
    int actual;
    int total;

    ProgressValue(int _actual, int _total)
        : actual(_actual), total(_total) {}
    operator Value() const { return RawToValue<ProgressValue>(*this); }
};
```

```
struct EmbeddedProgress : public ProgressIndicator
{
    virtual void SetData(const Value& data) {
        if (IsTypeRaw<ProgressValue>(data)) {
            const ProgressValue &pv = ValueTo<ProgressValue>(data);
            ProgressIndicator::Set(pv.actual, pv.total);
        }
        else
```

```
    return ProgressIndicator::SetData(data);  
}  
};
```

If you add this ctrl instead then you can update it using:

```
gridctrl.Set(row, column, ProgressValue(actual, total));
```

It's a bit of a hack, but not too bad. Or you can just use `ArrayCtrl::SetCtrl`.

Subject: Re: Accessing embedded controls in a gridCtrl
Posted by [bianconejo](#) on Tue, 28 Jul 2009 17:00:28 GMT

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Thanx mrjt for your post !!!

I'll try this then feedback.
