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Subject: Re: large ArrayCtrl

Posted by [hojtsy](#) on Sat, 04 Feb 2006 12:05:02 GMT

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This was part of the code that is now written in a shorter form.

```
array.AddRowNumColumn("number");
```

```
array.AddRowNumColumn("text");
```

```
array.HeaderTab(0).SetRatio(20);
```

```
array.HeaderTab(1).SetRatio(80);
```

```
array.ColumnAt(1).SetConvert(numberToText);
```

I see that the current internal logic of the ArrayCtrl makes it necessary to provide two different methods ColumnAt and HeaderTab which return a different types. But it is hard to remember which method (ColumnAt or HeaderTab) and type (ArrayCtrl::Column or HeaderCtrl::Column) can be used to set/modify/query a specific property of the column. It would be better for the clients to have a single method returning a an object which could be used to manipulate all aspects of the column. I think the naming of these two methods just add to the confusion - both of them are returning a different Column type, but only one is called ColumnAt. Maybe the ArrayCtrl::Column could be extended with all the methods of HeaderCtrl::Column, and those would just forward the call to the HeaderCtrl.

During the development of this example, I found a bug: Assist was not working correctly in the inline constructor of BigArray. It only offered the code completions that are valid in the namespace scope. I believe you can reproduce this if you create a new project with my original example.

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