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Subject: GridCtrl out-of-bound crash with test case  
Posted by [bushman](#) on Sun, 29 May 2011 18:17:11 GMT  
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Running the following code causes GridCtrl to crash:

ASSERT FAILED: Assertion failed in c:\uppsrc\core\Vcont.h, line 33  
i >= 0 && i < items

```
class Ma_app : public TopWindow {

public:
Ma_app() {

Zoomable().Sizeable();

for(int col = 0; col < 10; col++) {
grid.AddColumn(Format("col %d", col));
for(int row = 0; row < 10; row++) {
grid.Set(row, col , "x");
}
}

//VVVVVVVVVVVVV HERE COMES THE FAULT LINE VVVVVVVVVVVVVV
grid.SelectRow(false).RowChanging(false);

Add(grid.SizePos());
}

GridCtrl grid;
};

GUI_APP_MAIN
{
Ma_app().Run();
}
```

Pressing Ctrl + LMB on a cell, just like when you do a Ctrl-selection, or anywhere in the grid, will trigger the exception.

What is GridCtrl::RowChanging(bool) for?

The crash happens when both GridCtrl::SelectRow and GridCtrl::RowChanging methods are combined.

Why? (bug?)

tk!