
Subject: GridCtrl: Assert Crash due to out of focus Remove

Posted by [devilsclaw](#) on Thu, 04 May 2023 15:41:34 GMT

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So I have a program and does an update to a target device and when that device finishes the update it remove the associated GridCtrl row with the Remove method.

During the update process a new window is popped up which is the transfer tracker. this make the main window out of focus. When the update is done and the main frame is out of focus and the GridCtrl row is removed, at this point nothing seems wrong.

Then I click back on the main window and I get VCount out of bound assert, since the current valid cursor points to an invalid row.

GridCtrl::RefreshRow

I tried to add

```
if(n >= vitems.GetCount()) {  
    return;  
}
```

which worked until I tried to close the program and then

Upp::GridCtrl::UpdateCtrls(int) is triggered and it has an invalid curpos or oldcur

from this

```
Point cp(opt & UC_OLDCUR ? oldcur : curpos);
```

Subject: Re: GridCtrl: Assert Crash due to out of focus Remove

Posted by [devilsclaw](#) on Thu, 04 May 2023 15:52:19 GMT

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The solution I came up with is to set the valid_cursor to false after a remove

```
void GridCtrl::Remove(int i, int cnt)  
{  
    Remove0(i < 0 ? rowidx : fixed_rows + i, cnt);  
    valid_cursor = false;  
}
```
