

---

Subject: Re: Request for ChildKbdEvent()  
Posted by [unodgs](#) on Wed, 28 Mar 2007 12:57:47 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

luzr wrote on Wed, 28 March 2007 07:45: I believe this is a little bit tricky.

Consider widget that reacts to "Down" key (e.g. LineEdit) and then pressing this "Down" key in the parent Ctrl. The result would be key "double action" (both cursor in LineEdit would move down AND GridCtrl cursor too).

Of course one must know the type of the control and allow to change grid cursor position depending on that. But as I said before when grid cell with embedded edit gets focus all the edit text is selected. In this state you allow arrows to change cursor position. There is no problem here with LineEdit. If you press cursor down you change cursor position. If any other key the selection is removed and LineEdit controls arrow keys. I can also imagine another way. If you press down arrow you allow LineEdit to change the line. But if you reach the last line and press down again - cursor changes its position. But to be able to implement that without creating your own widgets I need possibility to analyze child control keyboard events.

BTW: It would be great if Ctrl class have type field. For example GetType() could return Ctrl::EDIT, Ctrl::ARRAY\_CTRL, Ctrl::UNKNOWN and so on. It would be easier and cheaper to distinguish child control type than using RTTI. I know that there is rare need for using it, but in complicated controls like Grid or Array (or any other control that embed other controls and must take different actions based on child type) there is no other way sometimes.