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Subject: Re: New graph packages  
Posted by [Didier](#) on Sun, 05 Jan 2014 22:48:39 GMT  
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Hi all,

I just delivered to svn sandbox an update of GraphDraw/GraphCtrl.  
The modifications are listed below:

- \* GraphElementCtrl\_FloatMoveResize : improved re-size with full border/corner selection and adapted MouseCursor when resizing
- \* Added LocalLoopSelect & Select style in GraphCtrl
  - ..... \* In fact this draws nice blue transparent rectangles instead of the animated rectangle obtained using RectTracker
  - ..... \* Select Rect style is completely configurable ( Blue is default )
- \* StdGridAxisDrawCtrl:
  - \* Added AXIS SELECT-ZOOM
    - ..... \* Added LocalLoopSelect
    - ..... \* Added configurable select style
  - \* Added global KEY management ==> replace K\_CTRL, ... by predefined constants K\_ZOOM, K\_SCROLL, ...
    - only a starting point, may do more if needed
  - \* BUG : Corrected BUGs when LEFTMOUSE pressed outside GRAPH and moves into graph area
- \* Undo stack :
  - ..... \* Added isModified Verification before adding UndoAction to UNDO STACK
  - ..... \* Added UNDOSTACK limitation (100 undo actions max by default )
  - \* Layout() requests :
    - ..... \* Painting done in 'fastPaint' mode when requested by Layout() ==> Application resizing
    - ..... \* Added FULL repaint 300 ms after last Layout() request
    - .....==> this gives fluid application re-size (no app freeze when re-sizing)
  - \* Add AllowZoom, AllowScroll for X/Y management
  - \* Added additional methods in GraphCtrl.usc
    - ..... \* UseLocalSelectLoop
    - ..... \* DisableGraphZoom
    - ..... \* DisableGraphScroll
    - ..... \* DisableXZoom
    - ..... \* DisableYZoom
    - ..... \* DisableXScroll
    - ..... \* DisableYScroll
    - ..... \* DisableAxisScroll
    - ..... \* DisableAxisZoom

The major improvements are:

- \* Stylable selection rectangle
- \* no app freeze when re-sizing application (in case of big data)
- \* Zoom/Scroll authorizations completely configurable through layout designer

