Subject: Image Contol with Zoom/pan/scrollbar capabilities
Posted by nasos_i on Sat, 29 Sep 2007 09:35:31 GMT
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Here is my first attempt to make a Zoom Image Control in Upp. It works nice, but needs some reshaping in design, some additional controls and performance tweaking.

Supports:
1.MouseWheel ZoomIn/ZoomOut
2.LeftButton pan
3.Scrollbar pan
4.Cursor Position indicator (not complete)
5.Zoom indicator
6.Right control (Fit all, Actual size)

TODO:
1. Some class redesign.
2. Rectangle pick capability.
3. Ruler?
4. Zoom performance tweaking.
5. Maybe define modes (like zoom window)
6. Change some things in zoom algorithm, so that it sticks to "double" coordinates and not "int" (Try to zoom in very much to see what I mean)

I would like suggestions in the rescaling (that is used in zoom) to make the algorithm faster. - I was thinking using some cache on ImageRaster, but couldn't make it work. I will think of ImageMaker.

P.S. I am using upp for less than 1 Week, don't shoot the pianist please.

Unzip the attachment in MyApps folder.

File Attachments

1) aImageCtrl_alpha.zip, downloaded 620 times