Subject: EditImage - editing image as String (for storing graphical information in DataBase)
Posted by sergeynikitin on Sat, 05 Jun 2010 00:44:05 GMT
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I use a very simple graphical Control already in several applications. Once it became necessary to store photos in the database. The following application was necessary to quickly write to the database image of the goods. Thus was born the idea to create a simple control for storing and editing images in the database.
Maybe it's too easy to make it a separate control. But I was so comfortable. Perhaps newcomers this control seem too useful. (I'll be glad if the leaders of UPP include it as standard control in TheIde)

File Attachments

1) EditImage.zip, downloaded 471 times

Subject: Re: EditImage - editing image as String (for storing graphical information in DataBase)
Posted by sergeynikitin on Sat, 05 Jun 2010 01:25:09 GMT
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How to use it?
Very simple.
1. Add Package "EditImage" in your project.
2. Add in the beginning "#include <EditImage/EditImage.h>"
3. In the layout designer Add Control "EditImage"

That's all.

To read an image from the database I use code like this.

```
SQL * Select(ANK_PHOTO).From(ANKETA).Where(ANK_ID == dlg.Qptr);
if (SQL.Fetch()) {
 dlg.tabPInf.editimage.FromString(SQL[ANK_PHOTO]);
}
```

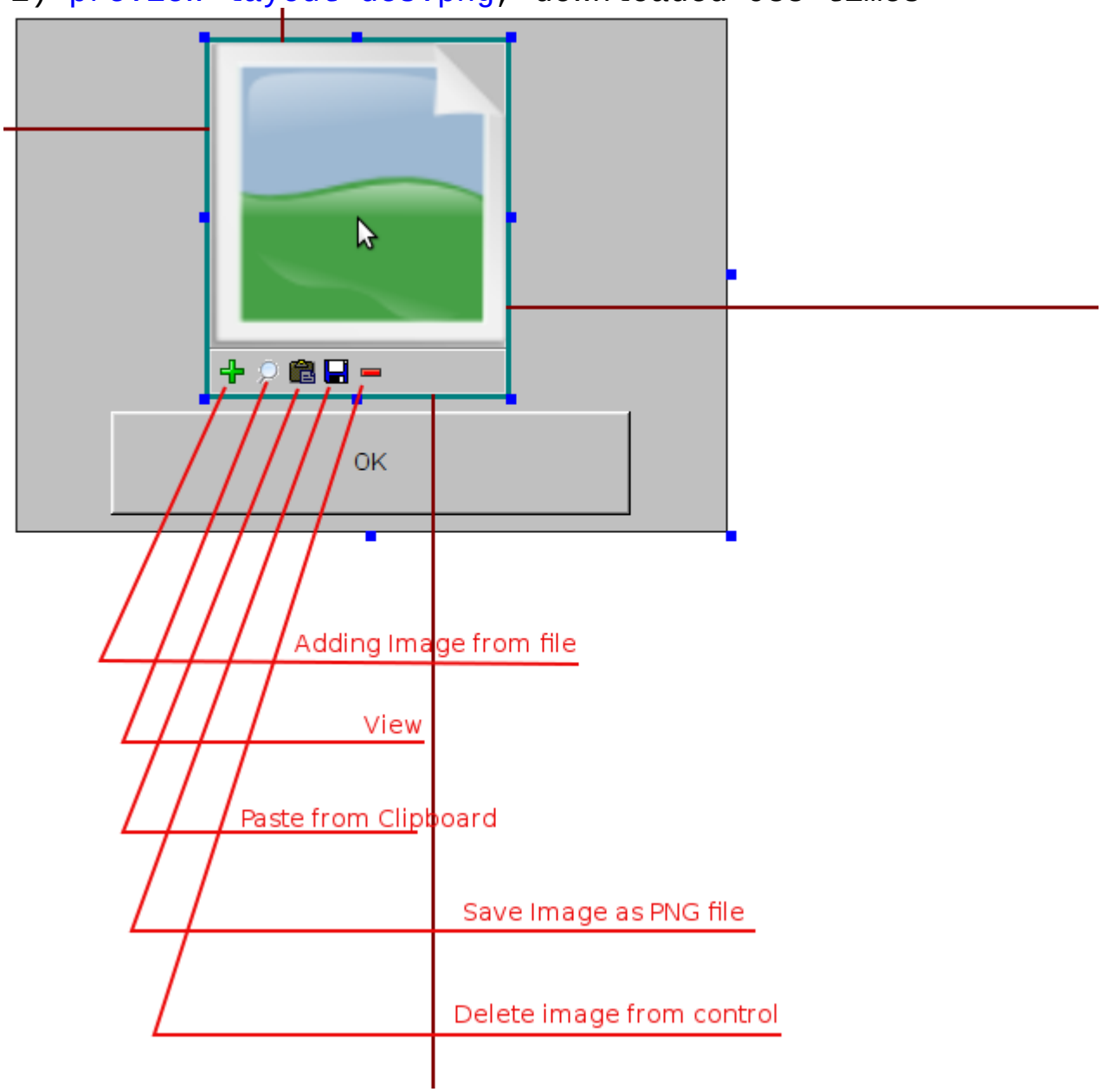
To write the image into the database using such a code.

```
SQL *
SqlUpdate(ANKETA)(ANK_PHOTO,SqlBinary(dlg.tabPInf.editimage.ToString())).Where(ANK_ID
== dlg.Qptr);
```

Another nuance! When you record images in this control all scaled to the dimension of 300x300, saving aspect (as in the database must be stored, for example, a standard-size photo).
To change this use SetStoredDimension(Size sz);

File Attachments

1) preview-layout-des.png, downloaded 938 times



Subject: Re: EditImage - editing image as String (for storing graphical information in DataBase)
Posted by sergeynikitin on Sat, 05 Jun 2010 01:29:18 GMT
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And in the end. Test application.

Later I'll put this control in the Bazaar.

File Attachments

1) EditImageTest.zip, downloaded 406 times

Subject: Re: EditImage - editing image as String (for storing graphical information in DataBase)
Posted by andrei_natanael on Sat, 05 Jun 2010 07:19:52 GMT
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Hello Sergey,
If this is related to Databases I would put SQL or DB in package name and in name of the control and when someone search for image edit or image in database to don't get the same result.
EditImage is a name too generic, IMO DBEditImage will fit better.

Andrei

Subject: Re: EditImage - editing image as String (for storing graphical information in DataBase)
Posted by sergeynikitin on Sat, 05 Jun 2010 07:35:04 GMT
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No, not only database. This, maybe, email,XML, config text..... and so on..

Main idea: EditImage - edit image as string variable.

PS.
But, yes. A little bit generic name.

Subject: Re: EditImage - editing image as String (for storing graphical information in DataBase)
Posted by sergeynikitin on Sun, 06 Jun 2010 03:29:04 GMT
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By the way, anyone knows how to make a crop and rotate photos?

Subject: Re: EditImage - editing image as String (for storing graphical information in DataBase)
Posted by andrei_natanael on Sun, 06 Jun 2010 09:49:28 GMT
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sergeynikitin wrote on Sun, 06 June 2010 06:29By the way, anyone knows how to make a crop and rotate photos?
ImageOp.h from Draw package have everything you need.

Subject: Re: EditImage - editing image as String (for storing graphical information in DataBase)
Posted by sergeynikitin on Sun, 06 Jun 2010 10:43:44 GMT
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Thanks!