
Subject: How can I callback on staticimage click
Posted by [jerson](#) on Fri, 03 Feb 2012 06:21:41 GMT
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Hello

I have this series of staticimage widgets that are to be clickable. When the user clicks on one, I update a global variable that will be used elsewhere in the code.

I cannot figure how to capture the mouse click on the static images. Do I need to make a class derived from staticimage widget and then capture the LeftDown event? Or is it something very simple?

Can someone please help me out here.

thanks
Jerson

File Attachments

1) [LDG.jpg](#), downloaded 757 times

Subject: Re: How can I callback on staticimage click
Posted by [mr_ped](#) on Fri, 03 Feb 2012 08:11:15 GMT
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Not sure if this is reasonable solution, but how about using buttons with images on them instead of staticimage?

Subject: Re: How can I callback on staticimage click
Posted by [jerson](#) on Fri, 03 Feb 2012 10:47:48 GMT
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thanks mr_ped. Well definitely workable for me. I shall try it out.

Subject: Re: How can I callback on staticimage click
Posted by [jerson](#) on Fri, 03 Feb 2012 12:31:07 GMT
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Button with image somehow does not FIT the image as in StaticImage. Is there some flag to be set to size the image to button size?

Subject: Re: How can I callback on staticimage click
Posted by [Mindtraveller](#) on Sun, 05 Feb 2012 08:25:51 GMT
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You may derive your own class from Button and Paint the image the way you want in repainting virtual member function.

Subject: Re: How can I callback on staticimage click
Posted by [mr_ped](#) on Mon, 06 Feb 2012 09:36:37 GMT
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Also you may want to check out toolbars, how they are done, it's probably the most similar (if not identical) case.

Subject: Re: How can I callback on staticimage click
Posted by [sergeynikitin](#) on Wed, 08 Feb 2012 16:20:56 GMT
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Try to find on the forum "ImageButton" or "ImageBtn".
There are working example.

Subject: Re: How can I callback on staticimage click
Posted by [jerson](#) on Thu, 09 Feb 2012 04:09:09 GMT
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Thanks for the tip Sergey

Is there some equivalent to something like this that I used to do in VB?

I am trying to replicate a VB6 implementation that has this:
I have a number of images called Image(0) to Image(12)
Clicking any of this image allows me to pick the index of the image that is clicked. I can use this index to pass into my program.

My UPP version has this
A number of images on a layout(not ideal). I'd rather do this in code later.
Clicking a particular image would give me the index of which image was clicked.

I am sorry for the extremely dumb question, but, I am still pretty raw at UPP and C++. After my initial success with UPP in my first project, I am quite sure it can be done easily. However, my current knowledge level doesn't make it easy for me. Any help (even pseudo code) will help me.

Thanks

Subject: Re: How can I callback on staticimage click
Posted by [jerson](#) on Thu, 09 Feb 2012 05:40:50 GMT

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Here is something I did. It serves my purpose well. I just need some review on this so I can improve.

I looked at code from mrjt in this thread

http://www.ultimatepp.org/forum/index.php?t=msg&goto=19495&S=0339fad60b64c135d24482695827b19b&srch=imagebtn#msg_19495

and came up with this

```
struct ImageBtn : public StaticImage
{
    ImageBtn() { IgnoreMouse(false); }
    virtual void LeftDown(Point p, dword keyflags) { Action(); }
    virtual void MouseEnter(Point p, dword keyflags) { Refresh(); }
    virtual void MouseLeave() { Refresh(); }
    virtual void Paint(Draw& draw)
    {
        if (HasMouse())
            draw.DrawRect(GetSize(), SColorHighlight());
        StaticImage::Paint(draw);
    }
};
```

Now, I have a small function that gets called by a menu

```
void DiaGuage::mnuProfileSelected(int profileno)
{
    PromptOK(AsString(profileno));
}

void DiaGuage::mnuSettingsProfile(void)
{
    ImageBtn imagebtn[11];

    TopWindow frmProfile;

    // set the new window size to what we are using already
    frmProfile.SetFrameRect(DiaGuage::GetSize());

    // give the window a title
    frmProfile.Title("DiaGuage - Select a Profile");

    // introduce image buttons into the window
    for (int i=0; i < 11; i++)
    {
```

```
frmProfile.Add(imagebtn[i]);
imagebtn[i].SetRect((i%6)*120+10,i/6 * 120+10,100,100);
imagebtn[i].SetFit(StaticImage::FillFrame);
imagebtn[i].Set(Images::Get(i+1));
imagebtn[i] <= THISBACK1(mnuProfileSelected,i);
}
frmProfile.Execute();
}
```

With this code, I am able to get the index of the image button which is clicked. Perfect!!

Thanks to all for the ideas I got here.

Subject: Re: How can I callback on staticimage click
Posted by [sergeynikitin](#) on Tue, 21 Feb 2012 21:12:59 GMT
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I use simplest alternative of ImageBtn

ImageBtn.h:

```
#ifndef _ImageBtn_h_
#define _ImageBtn_h_
class ImageBtn : public ImageCtrl
{
public:
    ImageBtn() { IgnoreMouse(false); }
    Image imgb;
    void SetBackImage(Image imgb1) {imgb = imgb1;}
    virtual void LeftDown(Point p, dword keyflags) { Action(); }
    virtual void Paint(Draw& draw);
};
```

#endif

ImageBtn.cpp:

```
#include "ImageBtn.h"
void ImageBtn::Paint(Draw& draw){
    draw.DrawImage(GetSize(),imgb);
}
```
