
Subject: PieCtrl and GetImage

Posted by [Diego22](#) on Sat, 16 Dec 2017 22:51:12 GMT

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Hi,

I've been trying to use GetImage() with PieCtrl for several days but I haven't get the image of the pie chart. I want to use that image in a pdf report, for this, I'm using "PlacelImage()".

If I try to convert to string, it shows img(0, 0).

What am I doing wrong?

Thanks in advance.

Regards.

Subject: Re: PieCtrl and GetImage

Posted by [koldo](#) on Mon, 18 Dec 2017 12:56:49 GMT

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Dear Diego

Thank you for the report. Some fixes and improvements have been uploaded.

From now on you can use GetImage(). In addition, menu has been added including copying to clipboard and saving to image file.

Subject: Re: PieCtrl and GetImage

Posted by [Diego22](#) on Tue, 19 Dec 2017 19:16:39 GMT

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I've just downloaded last version of theIDE but it still have not showed the pie. I've selected PieCtrl in the Layout window and part of the code is: (grafCostes is PieCtrl)

```
grafCostes.AddCategory ("FV Panels", CostFV, :: Color (242, 242, 11));  
grafCostes.AddCategory ("Inverter + FV Regulator", CostInvReg, :: Color (255, 128, 0));  
grafCostes.AddCategory ("Wind turbine + Inverter", CosteEolica, :: Color (0, 204, 204));  
grafCostes.AddCategory ("Batteries", CosteAcum, :: Color (102, 204, 0));  
grafCostes.AddCategory ("Generator", CosteDiesel, :: Color (178, 102, 255));
```

```
grafCostes.SetColor (Null) .SetPieMarginTop (10) .SetPieMarginBottom (10) .SetPieMarginLeft  
(1) .SetPieMarginRight (400);
```

```
grafCostes.SetCatValue (0, CostFV);  
grafCostes.SetCatValue (1, CostInvReg);  
grafCostes.SetCatValue (2, CosteEolica);
```

```
grafCostes.SetCatValue (3, CosteAcum);  
grafCostes.SetCatValue (4, CostDiesel);
```

```
imgCostes = grafCostes.GetImage (); //(Image imgCostes)
```

```
r.PlacelImage ("##IMG10", results.imgCost, Size (2000, 2000)); //(RepGen r)
```

Some help please.

Subject: Re: PieCtrl and GetImage
Posted by [Klugier](#) on Tue, 19 Dec 2017 20:12:49 GMT
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Hello,

I just noticed that bazaar/PieTest example doesn't compile due to lack of Scatter package. Can you take care of this problem Koldo?

@Diego

In my opinion your problem might be the result of lack appropriate inclusion before including LAYOUTFILE. It should be done something like that:

```
#include <Scatter/Pie.h> // This include doesn't exist - you need to find appropriate file or wait until  
Koldo fix PieTest.  
#include <Report/Report.h>  
#include <PdfDraw/PdfDraw.h>
```

```
#define LAYOUTFILE <PieTest/PieTest.lay>  
#include <CtrlCore/lay.h>
```

Sincerely,
Klugier

Subject: Re: PieCtrl and GetImage
Posted by [koldo](#) on Wed, 20 Dec 2017 10:50:21 GMT
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Dear Diego and Klugier

I will try to answer you.

Please Diego: Could you confirm that Examples\ScatterCtrl_Demo compiles and runs perfectly?

To include PieCtrl in your package you would need to include ScatterCtrl package and include

```
#include <ScatterCtrl/ScatterCtrl.h>
```

```
#include <ScatterCtrl/PieCtrl.h>
```

Diego please include this to see if you get the image. Just in case you may comment out everything but the AddCategory() (like in ScatterCtrl_Demo):

```
imgCostes = grafCostes.GetImage();
```

```
PNGEncoder encoder;
```

```
encoder.SaveFile("Any folder\\myfile.png", imgCostes);
```

Following Diego answer I understand that layout editor shows the PieCtrl. This way I can imagine ScatterCtrl package is really well loaded.

About bazaar/PieTest, this package and Scatter are not maintained. It was the base of ScatterCtrl/PieCtrl. However ScatterCtrl and ScatterDraw include all necessary stuff and are not linked in any way with Scatter package.

Subject: Re: PieCtrl and GetImage

Posted by [Klugier](#) on Wed, 20 Dec 2017 12:57:02 GMT

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Hello,

So when bazaar/PieTest is not maintenance we should delete it from the bazaar. The package that doesn't compile has no value. Do you remote it Koldo or should I do it by myself?

Sincerely,
Klugier

Subject: Re: PieCtrl and GetImage

Posted by [Diego22](#) on Thu, 21 Dec 2017 11:25:27 GMT

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Quote:In my opinion your problem might be the result of lack appropriate inclusion before including LAYOUTFILE. It should be done something like that:

```
#include <Scatter/Pie.h> // This include doesn't exist - you need to find appropriate file or wait until Koldo fix PieTest.
```

```
#include <Report/Report.h>
```

```
#include <PdfDraw/PdfDraw.h>
```

```
#define LAYOUTFILE <PieTest/PieTest.lay>
```

```
#include <CtrlCore/lay.h>
```

I've already included those includes. Maybe a correct Pie.h can help me.

Quote:Please Diego: Could you confirm that Examples\ScatterCtrl_Demo compiles and runs perfectly?

ScatterCtrl compiles and runs correctly. But in Pie Tab, the functions about copy, print and png / jpg, are showing a error message.

Quote:

To include PieCtrl in your package you would need to include ScatterCtrl package and include
`#include <ScatterCtrl/ScatterCtrl.h>`
`#include <ScatterCtrl/PieCtrl.h>`

Following Diego answer I understand that layout editor shows the PieCtrl. This way I can imagine ScatterCtrl package is really well loaded.

Also, I had included those includes, layout editor shows the PieCtrl in context menu and the Pie picture at widget.

Quote:Diego please include this to see if you get the image. Just in case you may comment out everything but the AddCategory() (like in ScatterCtrl_Demo):

```
imgCostes = grafCostes.GetImage();  
PNGEncoder encoder;  
encoder.SaveFile("Any folder\\myfile.png", imgCostes);
```

I added that code yesterday but I still can't get the image.

When I get home, I'll try to create a new and simply test of the Pie, so I'll see if the problem is not my code.

Subject: Re: PieCtrl and GetImage
Posted by [koldo](#) on Thu, 21 Dec 2017 20:36:16 GMT
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Dear Diego

Please do not include `#include <Scatter/Pie.h>`. It has nothing to do with PieCtrl.

I advise you just to copy PieCtrl test in your code including PNGEncoder example I have enclosed you in previous posts.

Subject: Re: PieCtrl and GetImage
Posted by [koldo](#) on Tue, 02 Jan 2018 22:13:19 GMT
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Last problem with transparent colour fixed.