
Subject: BMP on widget_buttons

Posted by [natha](#) on Fri, 16 Oct 2009 19:26:23 GMT

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Hi guys,

Widget_buttons only accept bmp images so if I want a button with a jpg image (for example) I've to convert it to BMP. I try to do that and my final BMP has the following definition:

```
image=read_bmp('import.bmp', r, g, b)
```

```
help, image, r, g, b
```

```
IMAGE      BYTE      = Array[16, 16]
```

```
R          BYTE      = Array[256]
```

```
G          BYTE      = Array[256]
```

```
B          BYTE      = Array[256]
```

```
test=QUERY_BMP('import.bmp', info)
```

```
help, info, /str
```

```
** Structure <da333dc>, 7 tags, length=40, data length=36, refs=1:
```

```
CHANNELS    LONG      1
```

```
DIMENSIONS  LONG      Array[2]
```

```
HAS_PALETTE INT       1
```

```
NUM_IMAGES  LONG      1
```

```
IMAGE_INDEX LONG      0
```

```
PIXEL_TYPE  INT       1
```

```
TYPE        STRING    'BMP'
```

All of that seems ok but when I try to create the button I've an error:

```
% WIDGET_BUTTON: Can't open bitmap file: import.bmp
```

I don't know why this errors happen. When I try to open original BMP files that has the same definition, the button can be created so I'm very confused.

Does somebody help me?

Regards,
natha

Subject: Re: BMP on widget_buttons

Posted by [David Fanning](#) on Mon, 19 Oct 2009 13:15:57 GMT

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natha writes:

>
> YES !

Well, then, I would try an absolute path name to the file instead of a relative path name.

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: BMP on widget_buttons
Posted by [natha](#) on Mon, 19 Oct 2009 13:59:59 GMT
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:P
I didn't expect this kind of error. I see... I never have to write the paths like '~/Desktop/' mhuahahahah
Thanks David,
nata

Subject: Re: BMP on widget_buttons
Posted by [David Fanning](#) on Mon, 19 Oct 2009 14:10:06 GMT
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nata writes:

> I didn't expect this kind of error. I see... I never have to write the
> paths like '~/Desktop/' mhuahahahah

Well, neither do I. I use paths like this:

```
buttonFile = Filepath(RootDir=ProgramRootDir(), $  
    SubDirectory='resources', 'mybuttonfile.bmp')
```

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Subject: Re: BMP on widget_buttons
Posted by [natha](#) on Mon, 19 Oct 2009 14:52:48 GMT
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Normally, I use paths like: button_file = './resources/
mybuttonfile.bmp'
And always works fine.

I was just testing some created bmp files.

Regards,
nata

Subject: Re: BMP on widget_buttons
Posted by [David Fanning](#) on Mon, 19 Oct 2009 14:59:34 GMT
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nata writes:

> Normally, I use paths like: button_file = './resources/
> mybuttonfile.bmp'
> And always works fine.

Well, on your machine and machines like it, I guess. :-)

Cheers,

David

--

David Fanning, Ph.D.
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Subject: Re: BMP on widget_buttons

Posted by [David Fanning](#) on Mon, 19 Oct 2009 15:16:38 GMT

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David Fanning writes:

> nata writes:

>

>> Normally, I use paths like: button_file = './resources/

>> mybuttonfile.bmp'

>> And always works fine.

>

> Well, on your machine and machines like it, I guess. :-)

I was trying to gently prod you toward the general solution, rather than the partial solution you have here. They say the teacher appears when the student is ready. I don't know what happens when the teacher appears *before* the student is ready. He probably loses his IEPA card. :-(

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: BMP on widget_buttons

Posted by [natha](#) on Mon, 19 Oct 2009 15:37:28 GMT

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Nice sense of humor but the "partial" solution works on WINDOWS, MAC and LINUX so I don't see the problem. I know that we have to be treat the paths carefully in IDL but I was just talking about the bmp paths for a widget_button.

Thanks for your help anyway teacher :)

natha

Subject: Re: BMP on widget_buttons

Posted by [natha](#) on Mon, 19 Oct 2009 15:43:14 GMT

I always have "problems" with the coyote humor. It's hard for me... I prefer other kinds of humor, like frog's humor or rabbit's humor but it's all ok, it helps me to get good answers to my strange questions.

Cheers,

nata
