
Subject: How to make a non transparent image transparent

Posted by [cbpporter](#) on Tue, 24 May 2011 11:19:35 GMT

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I searched though the sources, but I couldn't find a method to convert an image loaded from a file without any transparency information into a transparent one. I want to replace one single color with completely transparent pixels. I am not using IML and am not able to use it.

The algorithm is simple and I can code it with ease, but would like to know if there is support for this out of the box?

Subject: Re: How to make a non transparent image transparent

Posted by [koldo](#) on Tue, 24 May 2011 15:46:14 GMT

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Hello Cbpporter

Do you want to show the new image or to save it?

Subject: Re: How to make a non transparent image transparent

Posted by [cbpporter](#) on Tue, 24 May 2011 20:48:04 GMT

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Show it, save it, do normal image stuff with it. I have the code for doing this and I can contribute it if the method does not exist. Wrote it today and generated hundreds of PNGs with it.

My question is: does it exist? If the method exists and I did not find it yet, I need to adapt my code to use the out of the box method.

Subject: Re: How to make a non transparent image transparent

Posted by [tojocky](#) on Wed, 25 May 2011 06:45:01 GMT

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cbpporter wrote on Tue, 24 May 2011 23:48 Show it, save it, do normal image stuff with it. I have the code for doing this and I can contribute it if the method does not exist. Wrote it today and generated hundreds of PNGs with it.

My question is: does it exist? If the method exists and I did not find it yet, I need to adapt my code to use the out of the box method.

In this case is very easy:

```
FileIn(filename);
One<StreamRaster> r = StreamRaster::OpenAny(in);
if(!r)
```

```
return Image();
Image img = r->GetImage();
ImageBuffer b(img);
RGBA *s = ~b;
RGBA *e = s + b.GetLength();
RGBA fc;
fc.r = 0;
fc.g = 16;
fc.b = 156;
fc.a = 0;
while(s<e){
    if((s->r==fc.r)&&(s->g==fc.g)&&(s->b==fc.b))
        s->a=fc.a;
    ++s;
}
```

Don't forget to add required packages in your package (e.g.: Draw, plugin/png, plugin/tif, plugin/jpg, ..., etc.).

Subject: Re: How to make a non transparent image transparent

Posted by [koldo](#) on Wed, 25 May 2011 06:55:07 GMT

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It looks good.
