
Subject: .pcx images [FEATURE REQUEST]
Posted by [emr84](#) on Thu, 03 Apr 2008 21:41:05 GMT
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Hi,

Can add support for pcx image files?

Subject: Re: .pcx images [FEATURE REQUEST]
Posted by [cbporter](#) on Fri, 04 Apr 2008 07:57:09 GMT
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emr84 wrote on Fri, 04 April 2008 00:41Hi,

Can add support for pcx image files?

Well, you could help a lot in this matter by finding an open-source BSD licensed or compatible PCX library. It should be lightweight (no additional dependencies), feature-complete and bug-free.

PCX is a pretty dead format, so effort to write a new lib for it is not justified IMO, but using an already present lib to allow Image to handle the format would be easy.

Subject: Re: .pcx images [FEATURE REQUEST]
Posted by [emr84](#) on Sat, 05 Apr 2008 01:57:33 GMT
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I deal perfectly. I know that it is a format in disuse, but some programs continue using it (I want to construct a frontend for one of them).

I will try to find some library.

For the moment, I only have the specification of the file format (and the method of compression):
<http://www.qzx.com/pc-gpe/pcx.txt>

Thank you for answering rapidly.

Subject: Re: .pcx images [FEATURE REQUEST]
Posted by [mirek](#) on Sat, 05 Apr 2008 14:51:00 GMT
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cbporter wrote on Fri, 04 April 2008 03:57emr84 wrote on Fri, 04 April 2008 00:41Hi,

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Well, you could help a lot in this matter by finding an open-source BSD licensed or compatible PCX library. It should be lightweight (no additional dependencies), feature-complete and bug-free.

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Actually, I had to deal with PCX around 1992, I hope I have that code somewhere in archive (together with .img format

I am now out however, please remind me in 2 weeks.

Mirek

Subject: Re: .pcx images [FEATURE REQUEST]

Posted by [emr84](#) on Wed, 23 Apr 2008 22:52:06 GMT

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luzr wrote on Sat, 05 April 2008 11:51:

Quote:

Actually, I had to deal with PCX around 1992, I hope I have that code somewhere in archive (together with .img format

I am now out however, please remind me in 2 weeks.

Reminded. (Is this way the correct one?)

Subject: Re: .pcx images [FEATURE REQUEST]

Posted by [mirek](#) on Fri, 25 Apr 2008 08:53:13 GMT

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OK, after googling a bit, I have found that there exists

"PCX library by Ian Ashdown"

but I am not quite able to find sources....

Maybe you can help? And then, you or somebody can adapt it as U++ plugin package

Mirek

Subject: Re: .pcx images [FEATURE REQUEST]

Posted by [mezise](#) on Fri, 25 Apr 2008 14:33:02 GMT

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I have found these separate files of Ian Ashdown's PCX library (Version 1.00B):

http://ptonthat.club.fr/doc-dev/FORMATS/IMG/PCX._PC/index.php

Subject: Re: .pcx images [FEATURE REQUEST]
Posted by [emr84](#) on Wed, 30 Apr 2008 19:45:28 GMT
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luzr wrote on Fri, 25 April 2008 05:53
... And then, you or somebody can adapt it as U++ plugin package

Mirek

Though I would like to be able to help, I am begun to learn on Upp. I have read a bit the code of the implementation of other formats in Upp but it is too much complicated for me. I wait that someone with more knowledge (and with desire of doing it) could do.

My excuses for not being able to contribute anything.

Subject: Re: .pcx images [FEATURE REQUEST]
Posted by [mirek](#) on Wed, 07 May 2008 20:30:48 GMT
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Well, plugin/pcx added to U++...

I am not sure whether it will work with all possible .pcx files; please try.

Also, only .pcx loading (means PCXRaster) is implemented.

Simply put what is posted here into uppsrc/plugin. Then e.g. add plugin/pcx to examples/ImageView -> it should start displaying .pcx files. If you meet any file .pcx that does not display, report

Enjoy,

Mirek

File Attachments

1) [pcx.zip](#), downloaded 486 times

Subject: Re: .pcx images [FEATURE REQUEST]
Posted by [emr84](#) on Wed, 07 May 2008 22:33:26 GMT
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Thanks!

It works with Upp 2007.1?

Subject: Re: .pcx images [FEATURE REQUEST]
Posted by [mirek](#) on Wed, 07 May 2008 23:01:02 GMT

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Actually, it should, but I would recommend going latest beta or even svn anyway...

Mirek

Subject: Re: .pcx images [FEATURE REQUEST]
Posted by [emr84](#) on Fri, 09 May 2008 15:10:34 GMT

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I have tested it with some images (1, 8 and 24 BitsPerPixel) and seems to work correctly.
Tested on Upp 2007.1 (with MinGW) and Upp 2008.1 beta 2 (MinGW version).

Subject: Re: .pcx images [FEATURE REQUEST]
Posted by [mirek](#) on Sun, 11 May 2008 16:07:42 GMT

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emr84 wrote on Fri, 09 May 2008 11:10I have tested it with some images (1, 8 and 24 BitsPerPixel) and seems to work correctly.

Tested on Upp 2007.1 (with MinGW) and Upp 2008.1 beta 2 (MinGW version).

Nice, another small issue resolved
