Subject: ZCompress question
Posted by malya on Fri, 09 Nov 2007 11:22:34 GMT
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Hello!
How to use ZCompress and ZDecompress functions.
Is there possibility to compress files and folder!

Please post a small example.
Thanks!!!

Subject: Re: ZCompress question
Posted by mirek on Sun, 11 Nov 2007 17:39:04 GMT
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malya wrote on Fri, 09 November 2007 06:22Hello!
How to use ZCompress and ZDecompress functions.
Is there possibility to compress files and folder!

Please post a small example.
Thanks!!!

Yes, but do not expect it to result in .zip (or anything) compatible format.

The most simple way to compress single file is something like

SaveFile("file.compressed", ZCompress(LoadFile("file")));

Mirek

Subject: Re: ZCompress question
Posted by malya on Sun, 11 Nov 2007 19:08:57 GMT
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Thanks for you and for your job!

Subject: Re: ZCompress question
Posted by malya on Thu, 22 Nov 2007 08:13:18 GMT
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Hello!
Sorry for my English.

I have a new question.
Is there an exapmple or wrapper for archiving.
I seek, but not find!
Thanks!

Subject: Re: ZCompress question
Posted by mirek on Fri, 23 Nov 2007 22:09:58 GMT
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"archiving" is a wide term...

Mirek

Subject: Re: ZCompress question
Posted by malya on Sat, 24 Nov 2007 13:07:55 GMT
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I want create a ZIP archive.

Subject: Re: ZCompress question
Posted by mirek on Mon, 26 Nov 2007 21:13:01 GMT
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malya wrote on Sat, 24 November 2007 08:07I want create a ZIP archive.

That is not directly supported by U++.

Mirek

Subject: Re: ZCompress question
Posted by mr_ped on Tue, 27 Nov 2007 08:52:52 GMT
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But the 7zip library is included with uppsrc I think?

That one should be well capable to produce "7z" archives for sure, maybe even zip? (wouldn't that brake some patents?)

Now I see that's only the LZMA compression method library.
To get full 7-zip format you would probably need to mix it with the source of 7-zip itself (

http://sourceforge.net/projects/sevenzip/).
Both library and 7-zip are released also under (L)GPL, so if you are not working on closed source, you can go this way.
But you will still need some time to check the sources of both and copy the needed source into your project.

I'm not sure about "zip", what to do. You should probably call some external packer like 7zip or pkzip with list of files to add archive? That way you will need to deal only with the preparation of files and error handling, but no compression code itself.
It may be a bit more difficult to install your app (either it will require additional install of some supported zip packer, or you will have to deal with licenses to be able to include one of them directly with your application), but it should be much easier to develop it.

Also as long as you don't plan to distribute your application (planning it to use for your personal use only), you may use GPL code in any way you wish without having ever to distribute source or worry about licenses in any way.

@Mirek: hmm.. haven't been 7z LZMA lib under BSD license before?
Weird, I think so. But now it is LGPL with exception that you may link any license code to it as long as you don't modify original LZMA library in any way.

Subject: Re: ZCompress question
Posted by mirek on Tue, 27 Nov 2007 22:13:00 GMT
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mr_ped wrote on Tue, 27 November 2007 03:52But the 7zip library is included with uppsrc I think?

No. The only use of 7z now is for Win32 U++ installer. In that case, everything is packed using 7z commandline and unpackaged by installer, using the 7z code. If I remember well, 7z unpacker is public domain (but even if it would not, I would be happy to provide installer's sources .

Mirek
