
Subject: Is it possible to compress many files in one GZ file?

Posted by [Patisab](#) on Sun, 29 Nov 2020 09:16:35 GMT

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Hello,

When i try to compress many files in one GZ file, only the last one is in it. Well, i think that GZ file is always open for writing only, not for writing and appending.

Now, it's looking like that :

```
FindFile ffFic;
String IFic, IGz;
IFic = "FicLog.log.*";
IGz = "FicLog.gz";

if (ffFic.Search(IFic) && PromptYesNo("Delete log files?")){
do {
  GZCompressFile(IGz.ToString(),ffFic.GetPath().ToString());
  FileDelete(ffFic.GetPath());
} while (ffFic.Next());
}
```

I have three questions to submit to you :

- Do you see some problems with the code?
- Can it be possible to append files with the GZCompressFile function? If yes, how?

Thank you very much for your help.

Best regards.

Subject: Re: Is it possible to compress many files in one GZ file?

Posted by [mirek](#) on Sun, 29 Nov 2020 19:38:27 GMT

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Patisab wrote on Sun, 29 November 2020 10:16Hello,

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Well, that is the nature of .gz, it is just one file...

I guess what you mean is .tar.gz? (No support for tar in U++ yet, sorry).

Subject: Re: Is it possible to compress many files in one GZ file?

Posted by [Novo](#) on Sun, 29 Nov 2020 19:59:20 GMT

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bz2 can store separate pieces/files in one archive.

Take a look at `bz2::CompressStream/bz2::DecompressStream`. But you will need to store offsets separately ...

Subject: Re: Is it possible to compress many files in one GZ file?

Posted by [Patisab](#) on Mon, 30 Nov 2020 09:54:57 GMT

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Hi Mirek,

You're right, i would talk about TGZ. I will try Novo's proposal.

Thank you for help.

Best regards.

Subject: Re: Is it possible to compress many files in one GZ file?

Posted by [Patisab](#) on Mon, 30 Nov 2020 09:56:09 GMT

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Hi Novo,

Thank you for your proposal. I will try it soon

Best regards.
