Subject: Re: GZDecompress bug
Posted by Novo on Wed, 05 Aug 2009 03:40:34 GMT

luzr wrote on Tue, 04 August 2009 14:05Novo wrote on Mon, 03 August 2009 23:49GZDecompress has a bug when size of an archive is bigger than size of an archived file.

I attached a test case. Sorry, I couldn't figure out myself how to fix that.

I am quite confused with testcase. Everything seems to be OK, except that in the case with .gz with longer name (not used in testcase), the size of memory stream is not long enough..

Mirek

If I understand correctly memory stream size is supposed to be equal to the size of an archived file (because I'm extracting this file into the memory stream). At least this test works fine with archives where size of an archived file is bigger than size of an archive itself.

Another .gz file, which is not used in the testcase, is just another example. If you want to use it, then idx_file_size should be set to 80.

Sorry, I forgot to describe wrong behavior. If you extract archived file using another application (I usually use Total Commander for such operations), and using test_gunzip and compare contents of extracted files you will see the difference.

Actually, the "a.a.a" file will contain the "eeFreeFreeFreeFreeFreeFree" suffix.

I tested that on Windows Vista 32 bit.

I ran a similar application on 114 files and only these two were extracted not correctly.