Subject: Zlib problem
Posted by Xemuth on Thu, 28 Mar 2019 11:41:21 GMT
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Hello there,

tried to use Zlib by looking "compression" example stored in reference.

But this one seems to don't work.

can someone confirm me this ?

Version 11873 64Bit GCC C++11 compiled: 03/31/2018 08:33:17

Subject: Re: Zlib problem
Posted by Novo on Thu, 28 Mar 2019 16:47:24 GMT
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I checked example against latest source code. Everything works fine (except I was unable to
compile a Release version :))
My output:
Compressed by zlib
Compressed by LZ4
Compressed by Zstd

(I replaced last "Compressed by LZ4" with "Compressed by Zstd". This is a second problem with
this example I could find. :))
Linux, 64Bit GCC.

Subject: Re: Zlib problem
Posted by Novo on Thu, 28 Mar 2019 16:50:33 GMT
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Below is a fixed version which works in both Release and Debug configurations.

#include <Core/Core.h>
#include <plugin/lz4/lz4.h>
#include <plugin/zstd/zstd.h>

using namespace Upp;

CONSOLE_APP_MAIN
{
 StdLogSetup(LOG_FILE|LOG_COUT);

```
  String cpath = GetHomeDirFile("test");

  {
   FileOut out(cpath);
   ZCompressStream z(out);
   z.Put("Compressed by zlib");
  }

  {
   FileIn in(cpath);
   ZDecompressStream z(in);
   RLOG(z.GetLine());
  }

  {
   FileOut out(cpath);
   LZ4CompressStream z(out);
   z.Put("Compressed by LZ4");
  }

  {
   FileIn in(cpath);
   LZ4DecompressStream z(in);
   RLOG(z.GetLine());
  }

  {
   FileOut out(cpath);
   ZstdCompressStream z(out);
   z.Put("Compressed by Zstd");
  }

  {
   FileIn in(cpath);
   ZstdDecompressStream z(in);
   RLOG(z.GetLine());
  }

  FileDelete(cpath);
}
```