

---

Subject: Zlib problem  
Posted by [Xemuth](#) on Thu, 28 Mar 2019 11:41:21 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

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  
[View Forum Message](#) <> [Reply to Message](#)

---

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  
[View Forum Message](#) <> [Reply to Message](#)

---

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);  
}
```