**phpZIP**

|  |  |  |
| --- | --- | --- |
| ***Local File Header***  Signatur  Version  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File name (var)  ***Local File Data***  ***Local File Header***  Signatur  Version  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File name (var)  ***Central directory***  Signatur  Version  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name (var)  Signatur  Version  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name (var)  ***End of central directory***  Signatur  Disk number  Disk # w/cd  Disk entries  Total entries  central dir. size  Offset of cd …  Comment len | -----------------------------------------------  50 4B 03 04  0A 00  00 00  00 00  25 4F  3D 46  00 7A 00 3C  76 00 00 00  76 00 00 00  10 00  00 00  64 61 74 61 2F 70 61 79 6C 6F 61 64 2E 63 73 76  -----------------------------------------------  41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  0D 0A 42 42 42 42 42 42 42 42 42 42 42 42 42 42  42 42 42 42 0D 0A 43 43 43 43 43 43 43 43 43 43  43 43 43 43 43 43 43 43 0D 0A 44 44 44 44 44 44  44 44 44 44 44 44 44 44 44 44 44 44 0D 0A 45 45  45 45 45 45 45 45 45 45 45 45 45 45 45 45 45 45  0D 0A 46 46 46 46 46 46 46 46 46 46 46 46 46 46  46 46 46 46  -----------------------------------------------  50 4B 03 04  0A 00  00 00  00 00  2F 4F  3D 46  00 00 00 00  00 00 00 00  00 00 00 00  05 00  00 00  64 61 74 61 2F  -----------------------------------------------  50 4B 01 02  13 00  0A 00  00 00  00 00  25 4F  3D 46  00 7A 00 3C  76 00 00 00  76 00 00 00  10 00  00 00  00 00  00 00  00 00  00 00 00 00  00 00 00 00  64 61 74 61 2F 70 61 79 6C 6F 61 64 2E 63 73 76  -----------------------------------------------  50 4B 01 02  13 00  0A 00  00 00  00 00  2F 4F  3D 46  00 00 00 00  00 00 00 00  00 00 00 00  05 00  00 00  00 00  00 00  00 00  10 00 00 00  A4 00 00 00  64 61 74 61 2F  -----------------------------------------------  50 4B 05 06  00 00  00 00  02 00  02 00  71 00 00 00  C7 00 00 00  00 00 | PK..  ..  ..  ..  %O  =F  .z.<  v...  v...  ..  ..  data/payload.csv  AA  AAAAAAAAAAAAAAAA  ..BBBBBBBBBBBBBB  BBBB..CCCCCCCCCC  CCCCCCCC..DDDDDD  DDDDDDDDDDDD..EE  EEEEEEEEEEEEEEEE  ..FFFFFFFFFFFFFF  FFFF  PK..  ..  ..  ..  /O  =F  ....  ....  ....  ..  ..  data/  PK..  ..  ..  ..  ..  %O  =F  .z.<  v...  v...  ..  ..  ..  ..  ....  ....  ..  data/payload.csv  PK..  ..  ..  ..  ..  /O  =F  ....  ....  ....  ..  ..  ..  ..  ....  ....  data/  PK..  ..  ..  ..  ..  q...  Ç...  .. |

**WINzip**

|  |  |  |
| --- | --- | --- |
| ***Local File Header***  Signatur  Version  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File name (var)  ***Local File Data***  ***Local File Header***  Signatur  Version  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File name (var)  ***Central directory***  Signatur  Version  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name (var)  Signatur  Version  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name (var)  ***End of central directory***  Signatur  Disk number  Disk # w/cd  Disk entries  Total entries  central dir. size  Offset of cd …  Comment len | -----------------------------------------------  50 4B 03 04  0A 00  00 00  00 00  25 4F  3D 46  00 7A 00 3C  76 00 00 00  76 00 00 00  10 00  00 00  64 61 74 61 2F 70 61 79 6C 6F 61 64 2E 63 73 76  -----------------------------------------------  41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  0D 0A 42 42 42 42 42 42 42 42 42 42 42 42 42 42  42 42 42 42 0D 0A 43 43 43 43 43 43 43 43 43 43  43 43 43 43 43 43 43 43 0D 0A 44 44 44 44 44 44  44 44 44 44 44 44 44 44 44 44 44 44 0D 0A 45 45  45 45 45 45 45 45 45 45 45 45 45 45 45 45 45 45  0D 0A 46 46 46 46 46 46 46 46 46 46 46 46 46 46  46 46 46 46  -----------------------------------------------  50 4B 03 04  0A 00  00 00  00 00  2F 4F  3D 46  00 00 00 00  00 00 00 00  00 00 00 00  05 00  00 00  64 61 74 61 2F  -----------------------------------------------  50 4B 01 02  14 00  0A 00  00 00  00 00  25 4F  3D 46  00 7A 00 3C  76 00 00 00  76 00 00 00  10 00  00 00  00 00  10 00  20 00  B6 81 00 00  00 00 00 00  64 61 74 61 2F 70 61 79 6C 6F 61 64 2E 63 73 76  -----------------------------------------------  50 4B 01 02  14 00  0A 00  00 00  00 00  2F 4F  3D 46  00 00 00 00  00 00 00 00  00 00 00 00  05 00  00 00  00 00  00 00  00 00  10 00 FF 41  A4 00 00 00  64 61 74 61 2F  -----------------------------------------------  50 4B 05 06  00 00  00 00  02 00  02 00  71 00 00 00  C7 00 00 00  00 00 | PK..  ..  ..  ..  %O  =F  .z.<  v...  v...  ..  ..  data/payload.csv  AA  AAAAAAAAAAAAAAAA  ..BBBBBBBBBBBBBB  BBBB..CCCCCCCCCC  CCCCCCCC..DDDDDD  DDDDDDDDDDDD..EE  EEEEEEEEEEEEEEEE  ..FFFFFFFFFFFFFF  FFFF  PK..  ..  ..  ..  /O  =F  ....  ....  ....  ..  ..  data/  PK..  ..  ..  ..  ..  %O  =F  .z.<  v...  v...  ..  ..  ..  ..  ....  ....  ..  data/payload.csv  PK..  ..  ..  ..  ..  /O  =F  ....  ....  ....  ..  ..  ..  ..  ....  ..ÿA  data/  PK..  ..  ..  ..  ..  q...  Ç...  .. |

**ZIP64**

|  |  |  |
| --- | --- | --- |
| ***Local File Header***  Signatur  Version  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File name (var)  ***Local File Header***  Signatur  Version  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File name (var)  Extra block Tag  Extra block size  Original size  Uncompressed size  ***Local File Data***  ***Data descriptor***  Signatur  Crc 32  Compressed size  Uncompressed size  ***Central directory***  Signatur  Version  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name (var)  Signatur  Version  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name (var)  ***End of central directory***  Signatur  Disk number  Disk # w/cd  Disk entries  Total entries  central dir. size  Offset of cd …  Comment len | -----------------------------------------------  50 4B 03 04  14 00  00 08  00 00  D5 4E  3E 46  00 00 00 00  00 00 00 00  00 00 00 00  05 00  00 00  64 61 74 61 2F  -----------------------------------------------  50 4B 03 04  2D 00  04 08  00 00  25 4F  3D 46  00 00 00 00  FF FF FF FF  FF FF FF FF  10 00  14 00  64 61 74 61 2F 70 61 79 6C 6F 61 64 2E 63 73 76  01 00  10 00  00 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00  -----------------------------------------------  41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 0D 0A 42 42 42 42 42 42 42  42 42 42 42 42 42 42 42 42 42 42 0D 0A 43 43 43  43 43 43 43 43 43 43 43 43 43 43 43 43 43 43 0D  0A 44 44 44 44 44 44 44 44 44 44 44 44 44 44 44  44 44 44 0D 0A 45 45 45 45 45 45 45 45 45 45 45  45 45 45 45 45 45 45 0D 0A 46 46 46 46 46 46 46  46 46 46 46 46 46 46 46 46 46 46  -----------------------------------------------  50 4B 07 08  00 7A 00 3C  76 00 00 00 00 00 00 00  76 00 00 00 00 00 00 00  -----------------------------------------------  50 4B 01 02  2D 00  2D 00  00 08  00 00  D5 4E  3E 46  00 00 00 00  00 00 00 00  00 00 00 00  05 00  00 00  00 00  00 00  00 00  00 00 00 00  00 00 00 00  64 61 74 61 2F  -----------------------------------------------  50 4B 01 02  2D 00  2D 00  04 08  00 00  25 4F  3D 46  00 7A 00 3C  76 00 00 00  76 00 00 00  10 00  00 00  00 00  00 00  00 00  00 00 00 00  23 00 00 00  64 61 74 61 2F 70 61 79 6C 6F 61 64 2E 63 73 76  -----------------------------------------------  50 4B 05 06  00 00  00 00  02 00  02 00  71 00 00 00  F3 00 00 00  00 00 | PK..  ..  ..  ..  /O  =F  ....  ....  ....  ..  ..  data/  PK..  -.  ..  ..  %O  =F  ....  ÿÿÿÿ  ÿÿÿÿ  ..  ..  data/payload.csv  ..  ..  ........  ........  AAAAAAAAAAA  AAAAAAA..BBBBBBB  BBBBBBBBBBB..CCC  CCCCCCCCCCCCCCC.  .DDDDDDDDDDDDDDD  DDD..EEEEEEEEEEE  EEEEEEE..FFFFFFF  FFFFFFFFFFF  PK..  .z  .<  v.......  v.......  PK..  -.  -.  ..  ..  ÕN  >F  ....  ....  ....  ..  ..  ..  ..  ..  ....  ....  data/  PK..  -.  -.  ..  ..  %O  =F  .z.<  v...  v...  ..  ..  ..  ..  ..  ..  ..#...  data/payload.csv  PK..  ..  ..  ..  ..  q...  ó...  .. |

**ZIP64** (Grösse 4.23 GB = 4'552'192'788 Bytes)

|  |  |  |
| --- | --- | --- |
| ***Local File Header***  Signatur  Version  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File name (var)  ***Local File Header***  Signatur  Version  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File name (var)  Extra block Tag  Extra block size  Original size  Uncompressed size  ***Local File Data***  ***Data descriptor***  Signatur  Crc 32  Compressed size  Uncompressed size  ***Central directory***  Signatur  Version made by  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name (var)  Signatur  Version made by  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name (var)  Header ID  Data Size  Compressed size  Uncompressed size  ***Zip64 end of central directory record***  Signatur  size of  Version made by  Vers. needed  Disk number  Disk # centr.dir  Total #Disk entr.  Total # entries  Central dir. size  Offset centr.dir  ***ZIP64 End of central directory***  ***locator***  Signatur  Disk number  Rel.offset ZIP64 End of central directory  total num. disks  ***End of central directory***  Signatur  Disk number  Disk # w/cd  Disk entries  Total entries  Central dir. size  Offset centr.dir  Comment len | -----------------------------------------------  50 4B 03 04  14 00  00 08  00 00  6D 7C  3E 46  00 00 00 00  00 00 00 00  00 00 00 00  05 00  00 00  64 61 74 61 2F  -----------------------------------------------  50 4B 03 04  2D 00  04 08  00 00  A4 7B  3E 46  00 00 00 00  FF FF FF FF  FF FF FF FF  10 00  14 00  64 61 74 61 2F 70 61 79 6C 6F 61 64 2E 63 73 76  01 00  10 00  00 00 00 00 00 00 00 00  00 00 00 00 00 00 00 00  -----------------------------------------------  41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41  -----------------------------------------------  50 4B 07 08  08 E4 FE 63  14 F3 54 0F 01 00 00 00  14 F3 54 0F 01 00 00 00  -----------------------------------------------  50 4B 01 02  2D 00  2D 00  00 08  00 00  6D 7C  3E 46  00 00 00 00  00 00 00 00  00 00 00 00  05 00  00 00  00 00  00 00  00 00  00 00 00 00  00 00 00 00  64 61 74 61 2F  -----------------------------------------------  50 4B 01 02  2D 00  2D 00  04 08  00 00  A4 7B  3E 46  08 E4 FE 63  FF FF FF FF  FF FF FF FF  10 00  14 00  00 00  00 00  00 00  00 00 00 00  23 00 00 00  64 61 74 61 2F 70 61 79 6C 6F 61 64 2E 63 73 76  01 00  10 00  14 F3 54 0F 01 00 00 00  14 F3 54 0F 01 00 00 00  -----------------------------------------------  50 4B 06 06  2C 00 00 00 00 00 00 00  2D 00  2D 00  00 00 00 00  00 00 00 00  02 00 00 00 00 00 00 00  02 00 00 00 00 00 00 00  85 00 00 00 00 00 00 00  91 F3 54 0F 01 00 00 00  -----------------------------------------------  50 4B 06 07  00 00 00 00  16 F4 54 0F 01 00 00 00  01 00 00 00  -----------------------------------------------  50 4B 05 06  00 00  00 00  02 00  02 00  85 00 00 00  FF FF FF FF  00 00 | PK..  ..  ..  ..  m|  >F  ....  ....  ....  ..  ..  data/  PK..  -.  ..  ..  ¤{  >F  ....  ÿÿÿÿ  ÿÿÿÿ  ..  ..  data/payload.csv  ..  ..  ........  ........  AAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAA  PK..  .äþc  .óT.....  .óT.....  PK..  -.  -.  ..  ..  m|  >F  ....  ....  ....  ..  ..  ..  ..  ..  ....  ....  data/  PK..  -.  -.  ..  ..  ¤{  >F  .äþc  ÿÿÿÿ  ÿÿÿÿ  ..  ..  ..  ..  ..  ....  #...  data/payload.csv  ..  ..  .óT.....  .óT.....  PK..  ,.......  -.  -.  ....  ....  ........  ........  ….......  ‘óT.....  PK..  ....  .ôT.....  ....  PK..  ..  ..  ..  ..  …...  ÿÿÿÿ  .. |

**ZIP64** (Zwei Dateien 8,47 GB, 9‘104‘386‘118 Bytes)

|  |  |  |
| --- | --- | --- |
|  | 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41  41 41 41 41 41 41 41 41 | AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAAAAAAAAAA  AAAAAAAA |
| ***Data descriptor***  Signatur  Crc 32  Compressed size  Uncompressed size | 50 4B 07 08  08 E4 FE 63  14 F3 54 0F 01 00 00 00  14 F3 54 0F 01 00 00 00 | PK..  .äþc  .óT.....  .óT..... |
| ***Central directory***  Signatur  Version made by  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name(var) | 50 4B 01 02  2D 00 2D 00 00 08 00 00 A1 75 46 46  00 00 00 00 00 00 00 00 00 00 00 00 06 00 00 00  00 00 00 00 00 00 00 00 00 00 00 00 00 00 6C 61  72 67 65 2F | PK..  -.-.....¡uFF  ................  ..............la  rge/ |
| Signatur  Version made by  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name (var)  Header ID  Data Size  Compressed size  Uncompressed size | 50 4B 01 02  2D 00  2D 00  04 08  00 00  A4 7B  3E 46  08 E4 FE 63  FF FF FF FF  FF FF FF FF  11 00  14 00  00 00  00 00  00 00  00 00 00 00  24 00 00 00  6C 61 72 67 65 2F 70 61 79 6C 6F 61 64 2E 63 73 31  01 00  10 00  14 F3 54 0F 01 00 00 00  14 F3 54 0F 01 00 00 00 | PK..  -.  -.  ..  ..  ¤{  >F  .äþc  ÿÿÿÿ  ÿÿÿÿ  ..  ..  ..  ..  ..  ....  ....  large/payload.cs  1  ..  ..  .óT.....  .óT..... |
| Signatur  Version made by  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name (var)  Header ID  Data Size  Compressed size  Uncompressed size  Offset loc.header | 50 4B 01 02  2D 00  2D 00  04 08  00 00  A4 7B  3E 46  08 E4 FE 63  FF FF FF FF  FF FF FF FF  11 00  1C 00  00 00  00 00  00 00  00 00 00 00  FF FF FF FF  6C 61 72 67 65 2F 70 61 79 6C 6F 61 64 2E 63 73  32  01 00  18 00  14 F3 54 0F 01 00 00 00  14 F3 54 0F 01 00 00 00  93 F3 54 0F 01 00 00 00 | PK..  -.  -.  ..  ..  ¤{  >F  .äþc  ÿÿÿÿ  ÿÿÿÿ  ..  ..  ..  ..  ..  ....  Ÿÿÿÿ  large/payload.cs  2  ..  ..  .óT.....  .óT.....  “óT..... |
| ***Zip64 end of central directory record***  Signatur  size of  Version made by  Vers. needed  Disk number  Disk # centr.dir  Total #Disk entr.  Total # entries  Central dir. size  Offset centr.dir | 50 4B 06 06  2C 00 00 00 00 00 00 00  2D 00  2D 00  00 00 00 00  00 00 00 00  03 00 00 00 00 00 00 00  03 00 00 00 00 00 00 00  E2 00 00 00 00 00 00 00  02 E7 A9 1E 02 00 00 00 | PK..  ,.......  -.  -.  ....  ....  ........  ........  â.......  .ç©..... |
| ***ZIP64 End of central directory***  ***locator***  Signatur  Disk number  Rel.offset ZIP64 End of central directory  total num. disks | 50 4B 06 07  00 00 00 00  E4 E7 A9 1E 02 00 00 00  01 00 00 00 | PK..  ....  äç©.....  .... |
| ***End of central directory***  Signatur  Disk number  Disk # w/cd  Disk entries  Total entries  Central dir. size  Offset centr.dir  Comment len | 50 4B 05 06  00 00  00 00  03 00  03 00  E2 00 00 00  FF FF FF FF  00 00 | PK..  ..  ..  ..  ..  â...  ÿÿÿÿ  .. |

**ZIP64** (Zwei Dateien 8,47 GB, 9‘104‘386‘118 Bytes)

|  |  |  |
| --- | --- | --- |
|  | 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 | AAAAAAAAAAAAAAA |
| ***Data descriptor***  Signatur  Crc 32  Compressed size  Uncompressed size | 50 4B 07 08  44 1A 54 CD  5A 00 00 00 00 00 00 00  5A 00 00 00 00 00 00 00 | PK..  D.TÍZ.......Z  ....... |
| ***Central directory***  Signatur  Version made by  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name(var) | 50 4B 01 02  13 00 14 00 00  00 00 00 6C 4D 49 46 00 00 00 00 00 00 00 00 00  00 00 00 05 00 00 00 00 00 00 00 00 00 10 00 00  00 00 00 00 00 64 61 74 61 2F | PK.......  ...lMIF.........  ................  .....data/ |
| Signatur  Version made by  Vers. needed  Flags  Compression  Mode time  Mode date  Crc 32  Compressed size  Uncompressed size  File name len  Extra field len  File comm. Len  Disk # start  Internal attr.  Externeal attr.  Offset loc.header  File name (var)  Header ID  Data Size  Compressed size  Uncompressed size | 50 4B 01 02  13 00  2D 00  00 00  00 00  B2 64  45 46  44 1A 54 CD  FF FF FF FF  FF FF FF FF  10 00  14 00  00 00  00 00  00 00  00 00 00 00  23 00 00 00  64 61 74 61 2F 70 61 79 6C 6F 61 64 2E 63 73 76  01 00  10 00  5A 00 00 00 00 00 00 00  5A 00 00 00 00 00 00 00 | PK....  -.....²dEFD.TÍÿÿ  ÿÿÿÿÿÿ..........  ....#...data/pay  load.csv....Z...  ....Z....... |
| ***Zip64 end of central directory record***  Signatur  size of  Version made by  Vers. needed  Disk number  Disk # centr.dir  Total #Disk entr.  Total # entries  Central dir. size  Offset centr.dir | 50 4B 06 06  2C 00 00 00 00 00 00 00  13 00  2D 00  00 00 00 00  00 00 00 00  02 00 00 00 00 00 00 00  02 00 00 00 00 00 00 00  85 00 00 00 00 00 00 00  D7 00 00 00 00 00 00 00 | PK..  ,.........-.....  ................  ....….......×...  .... |
| ***ZIP64 End of central directory***  ***locator***  Signatur  Disk number  Rel.offset ZIP64 End of central directory  total num. disks | 50 4B 06 07  00 00 00 00  ~~AE 01 00 00 00 00 00 00~~ 5C 01 00 00 00 00 00 00  01 00 00 00 | PK......®...  ........ |
| ***End of central directory***  Signatur  Disk number  Disk # w/cd  Disk entries  Total entries  Central dir. size  Offset centr.dir  Comment len | 50 4B 05 06  00 00  00 00  02 00  02 00  D7 00 00 00  FF FF FF FF  00 00 | PK......  ....×...ÿÿÿÿ.. |

C:\TEMP\ZIP64>run\_ziptest.bat largeZIP64.zip

DotNet UNZIP ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

C:\TEMP\ZIP64>"P:\KOST\Dokumentation\11 Technotes\ZIP\CLI\_progs\unzip.exe" -t largeZIP64.zip

Zipfile: largeZIP64.zip

Modified Size Ratio Packed pw? CRC Filename

--------------------------------------------------------------------------------

2015-02-12 13:29:26 0 0% 0 N 00000000 large/

2015-01-30 15:29:08 4552192788 0% 4552192788 N 63FEE408 large/payload.cs1

2015-01-30 15:29:08 4552192788 0% 4552192788 N 63FEE408 large/payload.cs2

--------------------------------------------------------------------------------

9104385576 3 files

ZIP-Info ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

C:\TEMP\ZIP64>"P:\KOST\Dokumentation\11 Technotes\ZIP\CLI\_progs\zipinfo.exe" -t -l largeZIP64.zip

[largeZIP64.zip]

End-of-central-directory signature not found. Either this file is not

a zipfile, or it constitutes one disk of a multi-part archive. In the

latter case the central directory and zipfile comment will be found on

the last disk(s) of this archive.

zipinfo: cannot find zipfile directory in largeZIP64.zip,

and cannot find largeZIP64.zip.zip, period.

www.info-zip.org +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

C:\TEMP\ZIP64>"c:\Software\Git\bin\unzip.exe" -t largeZIP64.zip

Archive: largeZIP64.zip

testing: large/ OK

testing: large/payload.cs1 OK

testing: large/payload.cs2 OK

No errors detected in compressed data of largeZIP64.zip.

ZIP64 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

C:\TEMP\ZIP64>java.exe -jar "P:\KOST\Dokumentation\11 Technotes\ZIP\zip64-1.04\lib\zip64.jar" l largeZIP64.zip

zip64 1.02 - handles ZIP64 archives

Copyright (c) 2010, Hartwig Thomas, Enter AG, Zurich, Switzerland

This program comes with ABSOLUTELY NO WARRANTY.

This is free software, and you are welcome to redistribute it under certain conditions.

See gpl-2.0.txt for details.

Listing file entries in C:\TEMP\ZIP64\largeZIP64.zip ...

large/

Date : 2015.02.12 13:29:26

Size : 0

Crc : 0x00000000

large/payload.cs1

Date : 2015.01.30 15:29:08

Size : 4'552'192'788

Crc : 0x63fee408

large/payload.cs2

Date : 2015.01.30 15:29:08

Size : 4'552'192'788

Crc : 0x63fee408

3 matching file entries found.

C:\TEMP\ZIP64>"P:\KOST\Dokumentation\11 Technotes\ZIP\CLI\_progs\unzip.exe" -t large.zip

Zipfile: large.zip

Modified Size Ratio Packed pw? CRC Filename

--------------------------------------------------------------------------------

2015-02-12 13:29:24 0 0% 0 N 00000000 large/

2015-01-30 15:29:08 4552192788 0% 4552192788 N 63FEE408 large/payload.cs1

2015-01-30 15:29:08 4552192788 0% 4552192788 N 63FEE408 large/payload.cs2

exception: Ionic.Zip.BadCrcException: CRC error: the file being extracted appears to be corrupted. Expected 0x63FEE408, Actual 0x5548DCC8

bei Ionic.Zip.ZipEntry.InternalExtract(String baseDir, Stream outstream, String password)

bei Ionic.Zip.ZipEntry.ExtractWithPassword(Stream stream, String password)

bei Ionic.Zip.Examples.UnZip.Main(String[] args)

ZIP-Info ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

C:\TEMP\ZIP64>"P:\KOST\Dokumentation\11 Technotes\ZIP\CLI\_progs\zipinfo.exe" -t -l large.zip

[large.zip]

End-of-central-directory signature not found. Either this file is not

a zipfile, or it constitutes one disk of a multi-part archive. In the

latter case the central directory and zipfile comment will be found on

the last disk(s) of this archive.

zipinfo: cannot find zipfile directory in large.zip,

and cannot find large.zip.zip, period.

www.info-zip.org +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

C:\TEMP\ZIP64>"c:\Software\Git\bin\unzip.exe" -t large.zip

Archive: large.zip

warning [large.zip]: 4294967591 extra bytes at beginning or within zipfile

(attempting to process anyway)

error [large.zip]: start of central directory not found;

zipfile corrupt.

(please check that you have transferred or created the zipfile in the

appropriate BINARY mode and that you have compiled UnZip properly)

ZIP64 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

C:\TEMP\ZIP64>java.exe -jar "P:\KOST\Dokumentation\11 Technotes\ZIP\zip64-1.04\lib\zip64.jar" l large.zip

zip64 1.02 - handles ZIP64 archives

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This program comes with ABSOLUTELY NO WARRANTY.

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See gpl-2.0.txt for details.

Listing file entries in C:\TEMP\ZIP64\large.zip ...

large/ - ZIP32 entry

Date : 2015.02.12 13:29:24

Size : 0

Crc : 0x00000000

large/payload.cs1

Date : 2015.01.30 15:29:08

Size : 4'552'192'788

Crc : 0x63fee408

large/payload.cs2

Date : 2015.01.30 15:29:08

Size : 4'552'192'788

Crc : 0x63fee408

3 matching file entries found.

C:\TEMP\ZIP64>

