**phpZIP**

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| --- | --- | --- |
| ***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**

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| --- | --- | --- |
| ***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**

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| ***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)

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| --- | --- | --- |
| ***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)

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| --- | --- | --- |
|  | 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  .. |

crc32sum.exe C:\TEMP\data\payload.csv

63fee408 \*payload.csv

crc32sum.exe ZIP\_testdata\data\payload.csv

3c007a00 \*payload.csv

php crc32\_test.php ZIP\_testdata\data\payload.csv

X-Powered-By: PHP/4.4.4

Content-type: text/html

2015-02-02 17:48:28

3c007a00 runtime(s): 0

2015-02-02 17:48:28

2015-02-02 17:48:28

3c007a00 runtime(s): 0

2015-02-02 17:48:28

2015-02-02 17:48:28

3c007a00 runtime(s): 0

2015-02-02 17:48:28