Compress

Apache Commons Compress software defines an API for working with compression and archive formats. These include: bzip2, gzip, pack200, lzma, xz, Snappy, traditional Unix Compress and ar, cpio, jar, tar, zip, dump, 7z, arj.

Version

1.8.1 current version

The arch of the package

Archivers

Changes

Compressors

Utils

ArchiveEntry : interface

getLastModifiedDate

getName

getSize

isDirectory

ArchiveInputStream: abstract class

ArchiveOutputSream: abstract class

The normal sequence of calls when working with ArchiveOutputStreams is:

* Create ArchiveOutputStream object,
* optionally write SFX header (Zip only),
* repeat as needed:
  + [putArchiveEntry(ArchiveEntry)](http://commons.apache.org/proper/commons-compress/javadocs/api-1.8.1/org/apache/commons/compress/archivers/ArchiveOutputStream.html#putArchiveEntry(org.apache.commons.compress.archivers.ArchiveEntry)) (writes entry header),
  + [OutputStream.write(byte[])](http://docs.oracle.com/javase/6/docs/api/java/io/OutputStream.html?is-external=true#write(byte[])) (writes entry data, as often as needed),
  + [closeArchiveEntry()](http://commons.apache.org/proper/commons-compress/javadocs/api-1.8.1/org/apache/commons/compress/archivers/ArchiveOutputStream.html#closeArchiveEntry()) (closes entry),
* [finish()](http://commons.apache.org/proper/commons-compress/javadocs/api-1.8.1/org/apache/commons/compress/archivers/ArchiveOutputStream.html#finish()) (ends the addition of entries),
* optionally write additional data, provided format supports it,
* [OutputStream.close()](http://docs.oracle.com/javase/6/docs/api/java/io/OutputStream.html?is-external=true#close()).

ArchiveStreamFactory

CompressorInputStream: abstract class

CompressorOutputStream: abstract class

CompressorStreamFactory

Utils package

IOUtils