



java.util.zip.\*



java.util.jar.\*

Methods declared in supertypes are hidden in subtypes

**Checksum**

Accessors  
long getValue ()  
Other Public Methods  
void reset ()  
void update (int b)  
void update (byte[] b, int off, int len)

**CRC32**

**CRC32 ()**  
void update (byte[] b)

**Adler32**

**Adler32 ()**  
void update (byte[] b)

**Inflater**

**Inflater ()**  
**Inflater** (boolean nowrap)

Accessors  
int getAdler ()  
int getRemaining ()  
int getTotalIn ()  
int getTotalOut ()  
void setDictionary (byte[] b)  
void setDictionary (byte[] b, int off, int len)  
void setInput (byte[] b)  
void setInput (byte[] b, int off, int len)  
Object  
# void finalize ()  
Other Public Methods  
void end ()  
boolean finished ()  
int inflate (byte[] b) ↗  
int inflate (byte[] b, int off, int len) ↗  
boolean needsDictionary ()  
boolean needsInput ()  
void reset ()

**Deflater**

**Deflater ()**  
**Deflater** (int level)  
**Deflater** (int level, boolean nowrap)

Accessors  
int getAdler ()  
int getTotalIn ()  
int getTotalOut ()  
void setDictionary (byte[] b)  
void setDictionary (byte[] b, int off, int len)  
void setInput (byte[] b)  
void setInput (byte[] b, int off, int len)  
void setLevel (int level)  
void setStrategy (int strategy)  
Object  
# void finalize ()  
Other Public Methods  
int deflate (byte[] b)  
int deflate (byte[] b, int off, int len)  
void end ()  
void finish ()  
boolean finished ()  
boolean needsInput ()  
void reset ()

int DEFLATED, NO\_COMPRESSION,  
BEST\_SPEED, BEST\_COMPRESSION,  
DEFAULT\_COMPRESSION, FILTERED,  
HUFFMAN\_ONLY, DEFAULT\_STRATEGY

**ZipFile**

**ZipFile** (String name) ↗  
**ZipFile** (File file) ↗  
**ZipFile** (File file, int mode) ↗

Accessors  
ZipEntry getEntry (String name)  
InputStream getInputStream (ZipEntry entry) ↗  
String getName ()  
Object  
# void finalize () ↗  
Other Public Methods  
void close () ↗  
Enumeration entries ()  
int size ()

int OPEN\_READ, OPEN\_DELETE

**ZipEntry**

**ZipEntry** (String name)  
**ZipEntry** (ZipEntry e)

Accessors  
String get / setComment ()  
long get / setCompressedSize ()  
long get / setCrc ()  
byte[] get / setExtra ()  
int get / setMethod ()  
String getName ()  
long get / setSize ()  
long get / setTime ()  
boolean isDirectory ()  
Object  
Object clone ()  
int hashCode ()  
String toString ()

int STORED, DEFLATED

**JarEntry**

**JarEntry** (String name)  
**JarEntry** (ZipEntry ze)  
**JarEntry** (JarEntry je)

Attributes getAttributes () ↗  
Certificate[] getCertificates ()

**Map**

**Cloneable**

**Attributes** ()  
**Attributes** (int size)  
**Attributes** (Attributes attr)

Accessors + Collectors  
Object get (Object name)  
String getValue (String name)  
String getValue (Name name)  
boolean isEmpty ()  
Object put (Object name, Object value)  
void putAll (Map attr)  
String putValue (String name, String value)  
Object remove (Object name)  
Object  
Object clone ()  
boolean equals (Object o)  
int hashCode ()  
Other Public Methods  
void clear ()  
boolean containsKey (Object name)  
boolean containsValue (Object value)  
Set entrySet ()  
Set keySet ()  
int size ()  
Collection values ()

class **Name**

**Manifest**

**Manifest** ()  
**Manifest** (InputStream is) ↗  
**Manifest** (Manifest man)

Accessors  
Attributes getAttributes (String name)  
Map getEntries ()  
Attributes getMainAttributes ()  
Object  
Object clone ()  
boolean equals (Object o)  
int hashCode ()  
Other Public Methods  
void clear ()  
void read (InputStream is) ↗  
void write (OutputStream out) ↗

**Attributes.Name**

**Name** (String name)

boolean equals (Object o)  
int hashCode ()  
String toString ()

Name MANIFEST\_VERSION,  
SIGNATURE\_VERSION,  
CONTENT\_TYPE, CLASS\_PATH,  
MAIN\_CLASS, SEALED,  
EXTENSION\_LIST,  
EXTENSION\_NAME,  
EXTENSION\_INSTALLATION,  
IMPLEMENTATION\_TITLE,  
IMPLEMENTATION\_VERSION,  
IMPLEMENTATION\_VENDOR,  
IMPLEMENTATION\_VENDOR\_ID,  
IMPLEMENTATION\_URL,  
SPECIFICATION\_TITLE,  
SPECIFICATION\_VERSION,  
SPECIFICATION\_VENDOR

