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# 1.8 commons-beanutils (DUPLICATE) 1.6.1

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\* \$Header: /home/cvspub/jakarta-commons/beanutils/LICENSE.txt,v 1.3 2003/01/15 21:59:38 rdonkin Exp \$

\* \$Revision: 1.3 \$

\* \$Date: 2003/01/15 21:59:38 \$

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 * $Revision: 1.3 $
 * $Date: 2003/01/15 21:59:38 $
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## 1.11 java-getopt 1.0.9

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# 1.12 jzlib 1.0.7

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```
/* -*-mode:java; c-basic-offset:2; -*- */
```

```
/*
```

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```
*/
```

```
/*
```

```
* This program is based on zlib-1.1.3, so all credit should go authors
```

```
* Jean-loup Gailly(jloup@gzip.org) and Mark Adler(madler@alumni.caltech.edu)
```

```
* and contributors of zlib.
```

```
*/
```

```
package com.jcraft.jzlib;
```

```
final class Adler32{
```

```
    // largest prime smaller than 65536
```

```
    static final private int BASE=65521;
```

```
    // NMAX is the largest n such that 255n(n+1)/2 + (n+1)(BASE-1) <= 2^32-1
```

```
    static final private int NMAX=5552;
```

```
    long adler32(long adler, byte[] buf, int index, int len){
```

```

if(buf == null){ return 1L; }

long s1=adler&0xffff;
long s2=(adler>>16)&0xffff;
int k;

while(len > 0) {
    k=len<NMAX?len:NMAX;
    len-=k;
    while(k>=16){
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        s1+=buf[index++]&0xff; s2+=s1;
        k-=16;
    }
    if(k!=0){
        do{
            s1+=buf[index++]&0xff; s2+=s1;
        }
        while(--k!=0);
    }
    s1%=BASE;
    s2%=BASE;
}
return (s2<<16)|s1;
}

/*
private java.util.zip.Adler32 adler=new java.util.zip.Adler32();
long Adler32(long value, byte[] buf, int index, int len){
    if(value==1) { adler.reset();}
    if(buf==null) { adler.reset();}
    else{ adler.update(buf, index, len);}
    return adler.getValue();
}

```

```
*/  
}
```

## 1.13 Log4j 1.2.6

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\*

\*/

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/\*

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\*/

# 1.15 org.ibex.crypto 2010-10-10

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-----  
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