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1.9 commons-beanutils (DUPLICATE) 1.6.1

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/*

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

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1.11 HttpClient 3.0.1

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1.12 java-getopt 1.0.9

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1.13 jzlib 1.0.7

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```
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/*
```

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

```

1.14 Log4j 1.2.6

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