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 * $Date: 2003/01/15 21:59:38 $
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1.9 java-getopt 1.0.9

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1.10 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;
        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();
}
*/
}

```

1.11 Log4j 1.2.6

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1.18 tagsoup 1.2.1

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