Signature MD5 d'un fichier

Le 10 mars 2008, à 0:51 par Ulhume...

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```
public static String [1] getSignature(File [2] root, String [1] hashMethod,
boolean includeFileStamps) throws IOException [3] {
  try {
    MessageDigest [4] digest = MessageDigest [4].getInstance(hashMethod)
        digest.reset()
    InputStream [5] input = new FileInputStream [6](root)
    byte[] buffer = new byte[4 * 1024]
    int nbBytes
    while ((nbBytes = input.read(buffer)) != 0) {
            digest.update(buffer, 0, nbBytes)
    }
    if (includeFileStamps) {
            digest.update((root.canRead() + ":" + root.canWrite() + ":" + root.
lastModified() + ":" + root.length()).getBytes())
    }
        input.close()
    byte[] signature = digest.digest()
        ExtendedString result = new ExtendedString(32)
    for (byte value : signature) {
            result.append(ConversionUtilities.toHexString(0x00FF & value))
    }
    return result.toString()
  }
  catch (NoSuchAlgorithmException [7] e) {
    throw new RuntimeException [8](e)
  }
}
```

Liens:

[1] http://www.google.com/search?hl=en&q=allinurl:String java.sun.com&btnI=I'm Feeling Lucky
[2] http://www.google.com/search?hl=en&q=allinurl:File java.sun.com&btnI=I'm Feeling Lucky
[3] http://www.google.com/search?hl=en&q=allinurl:IOException java.sun.com&btnI=I'm Feeling Lucky
[4] http://www.google.com/search?hl=en&q=allinurl:MessageDigest java.sun.com&btnI=I'm Feeling Lucky
[5] http://www.google.com/search?hl=en&q=allinurl:InputStream java.sun.com&btnI=I'm Feeling Lucky
[6] http://www.google.com/search?hl=en&q=allinurl:FileInputStream java.sun.com&btnI=I'm Feeling Lucky
[7] http://www.google.com/search?hl=en&q=allinurl:NoSuchAlgorithmException java.sun.com&btnI=I'm Feeling Lucky
[8] http://www.google.com/search?hl=en&q=allinurl:RuntimeException java.sun.com&btnI=I'm Feeling Lucky