



链滴

原生 MD5 密码代码

作者: [fnyexx](#)

原文链接: <https://ld246.com/article/1355379685041>

来源网站: 链滴

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

```

package com.xiucaike.common;

import java.security.MessageDigest;

public final class MD5
{
    private final static String[] hexDigits = { "0", "1", "2", "3", "4", "5", "6", "7", "8", "9", "a", "b", "c", "d", "e", "f" };

    /**
     * 转换字节数组为16进制字符串
     *
     * @param b
     *      字节数组
     *
     * @return 16进制字符串
     */

    public static String byteArrayToHexString(byte[] b)
    {
        StringBuffer resultSb = new StringBuffer();
        for (int i = 0; i < b.length; i++)
        {
            resultSb.append(byteToHexString(b[i]));
        }
        return resultSb.toString();
    }

    private static String byteToHexString(byte b)
    {
        int n = b;
        if (n < 0)
            n = 256 + n;
        int d1 = n / 16;
        int d2 = n % 16;
        return hexDigits[d1] + hexDigits[d2];
    }

    public static String encode(String origin)
    {
        String resultString = null;

        try
        {
            resultString = new String(origin);
            MessageDigest md = MessageDigest.getInstance("MD5");
            resultString = byteArrayToHexString(md.digest(resultString
                .getBytes()));
        }
        catch (Exception ex)
        {
        }
    }
}

```

```
    }  
    return resultString;  
}  
  
public static String encode(String origin,String charset)  
{  
    String resultString = null;  
  
    try  
    {  
        resultString = new String(origin);  
        MessageDigest md = MessageDigest.getInstance("MD5");  
        md.update(origin.getBytes(charset));  
        resultString = byteArrayToHexString(md.digest(resultString  
            .getBytes()));  
    }  
    catch (Exception ex)  
    {  
  
    }  
    return resultString;  
}  
  
}
```