**发邮件和短信**

## 一、发送短信

**1 在中国网建SMS上注册一个用户名，并获取短信密钥（非登录密码）**

**2 代码**

import java.io.IOException;

import org.apache.commons.httpclient.Header;

import org.apache.commons.httpclient.HttpClient;

import org.apache.commons.httpclient.HttpException;

import org.apache.commons.httpclient.NameValuePair;

import org.apache.commons.httpclient.methods.PostMethod;

public class SendMessage {

public static void main(String[] args) throws HttpException, IOException {

HttpClient client=new HttpClient();

PostMethod post=new PostMethod("http://gbk.sms.webchinese.cn");

//在头文件中设置转码

post.addRequestHeader("Content-Type","application/x-www-form-urlencoded;charset=gbk");

NameValuePair[] data={

new NameValuePair("Uid","网建注册用户名"),

new NameValuePair("Key","短信密钥"),

new NameValuePair("smsMob","接收号码"),

new NameValuePair("smsText","短信内容")

};

post.setRequestBody(data);

client.executeMethod(post);

Header[] headers=post.getRequestHeaders();

int statusCode=post.getStatusCode();

System.out.println("statusCode:"+statusCode);

for(Header h:headers){

System.out.println(h.toString());

}

String result=new String(post.getResponseBodyAsString().getBytes("gbk"));

System.out.println(result);

post.releaseConnection();

}

**3 注意需要引入包：commons-logging-1.1.1.jar、commons-httpclient-3.1.jar、commons-codec-1.4.jar**

**4 StatusCode说明：**

**短信发送后返回值 说　明**

-1 没有该用户账户

-2 接口密钥不正确 [查看密钥]

不是账户登陆密码

-21 MD5接口密钥加密不正确

-3 短信数量不足

-11 该用户被禁用

-14 短信内容出现非法字符

-4 手机号格式不正确

-41 手机号码为空

-42 短信内容为空

-51 短信签名格式不正确

接口签名格式为：【签名内容】

-6 IP限制

大于0 短信发送数量

## 二、发邮件

1 smtp验证类

import javax.mail.Authenticator;

import javax.mail.PasswordAuthentication;

public class SmtpAuthenticator extends Authenticator {

String username=null;

String password=null;

public SmtpAuthenticator(String name,String password) {

super();

this.username=name;

this.password=password;

}

public PasswordAuthentication getPasswordAuthentication(){

return new PasswordAuthentication(this.username, this.password);

}

}

**2 发邮件的工具类**

import java.util.Date;

import java.util.Properties;

import javax.activation.DataHandler;

import javax.activation.FileDataSource;

import javax.mail.Authenticator;

import javax.mail.Multipart;

import javax.mail.Session;

import javax.mail.Transport;

import javax.mail.internet.InternetAddress;

import javax.mail.internet.MimeBodyPart;

import javax.mail.internet.MimeMessage;

import javax.mail.internet.MimeMultipart;

import javax.mail.internet.MimeUtility;

public class JavaMailSendUtil {

public void sendMail(String subject,String from,String[] to,

String test,String[] filenames,String mineType){

try {

Properties props=new Properties();

String smtp="smtp.163.com";//设置发送邮件所用到的smtp

String servername="18862839372@163.com";

String serverpassword="\*\*\*\*\*\*\*\*\*\*\*\*";

Session mailSession=null;

MimeMessage mimeMsg=null;

props=java.lang.System.getProperties();

props.put("mail.smtp.host", smtp);//设置SMTP主机

props.put("mail.smtp.auth", "true");//是否到服务器用户名和密码验证

//到服务器验证发送的用户名和密码是否正确

SmtpAuthenticator myEmailAuther=new SmtpAuthenticator(servername, serverpassword);

//设置邮件会话 注意这里讲认证信息放进了Session的创建参数里

mailSession=javax.mail.Session.getInstance(props,(Authenticator)myEmailAuther);

//设置传输协议

javax.mail.Transport transport=mailSession.getTransport("smtp");

//设置from、to等信息

mimeMsg=new javax.mail.internet.MimeMessage(mailSession);

if(from!=null&&!from.equals("")){

InternetAddress sendFrom=new InternetAddress(from);

mimeMsg.setFrom(sendFrom);//设置发送人地址

}

InternetAddress[] sendTo=new InternetAddress[to.length];

for(int i=0;i<to.length;i++){

System.out.println("发送到："+to[i]);

sendTo[i]=new InternetAddress(to[i]);

}

mimeMsg.setRecipients(javax.mail.internet.MimeMessage.RecipientType.TO, sendTo);

mimeMsg.setSubject(subject,"gb2312");

MimeBodyPart messageBodyPart1=new MimeBodyPart();

messageBodyPart1.setContent(test,mineType);

//附件传输格式

Multipart multipart=new MimeMultipart();

multipart.addBodyPart(messageBodyPart1);

for(int i=0;i<filenames.length;i++){

MimeBodyPart messageBodyPart2=new MimeBodyPart();

String filename=filenames[i].split(";")[0];

System.out.println(filename);

String displatname=filenames[i].split(";")[1];

//得到数据源

FileDataSource fds=new FileDataSource(filename);

//BodyPart添加附件本身

messageBodyPart2.setDataHandler(new DataHandler(fds));

//BodyPart添加附件文件名

messageBodyPart2.setFileName(MimeUtility.encodeText(displatname));

multipart.addBodyPart(messageBodyPart2);

}

mimeMsg.setContent(multipart);

//设置信件头的发送日期

mimeMsg.setSentDate(new Date());

mimeMsg.saveChanges();

//发送邮件

Transport.send(mimeMsg);

transport.close();

System.out.println("消息发送成功");

} catch (Exception e) {

// TODO: handle exception

}

}

}

**3 测试类**

public class TestMailSend {

public static void main(String[] args) {

String title="测试邮件";

String from="18862839372@163.com";

String sendTo[]={"1245226995@qq.com","jlsong186@126.com"};

String content="just test java send mail!!!!<br><a href=\"http://sjskt.javaeye.com\">My blog</a>";

String fileNames[]={"F:\\068.JPG;068.JPG"};

JavaMailSendUtil test=new JavaMailSendUtil();

try {

test.sendMail(title, from, sendTo, content, fileNames, "text/html;charset=gb2312");

} catch (Exception e) {

e.printStackTrace();

}

}

}