

* **电文API参数配置和API使用**

电文发送接受的相关配置文件参见[applicationContext-tele.xml](ms-its:O:\公司电脑\DESK\开发使用规范\iplat4j使用文档\开发指南.chm::/applicationContext-tele.xml.html)

1、电文转换API

     类com.baosight.iplat4j.util.TeleUtils包含如下接口：

     String getSubString(String str,int start ,int end)，str为原始字符串，start为开始序号，end为结束序号，该方法用来得到电文串中的子串，主要用来处理双字节字符。返回值为String类型，表示得到的子串。  
     Boolean str2Bean(String teleStr,DaoEPBase bean,String outIndex)，teleStr为电文字符串，bean为电文体bean，outIndex为不包含在电文信息的列以”,”号分开，该函数是把电文字符串以不扩大精度位倍数的方式反序列化到电文bean中去。返回值为boolean型，表示是否成功。  
     Boolean str2Bean(String teleStr,DaoEPBase bean,String outIndex,String type)，teleStr为电文字符串，bean为电文体bean，outIndex为不包含在电文信息的列以”,”号分开，type表示反序列化到bean中的方式，有扩大精度位倍数TELE\_EXPAND\_TYPE和不扩大精度位倍数TELE\_DEFAULT\_TYPE两种。该函数是把电文字符串以不扩大精度位倍数的方式反序列化到电文bean中去。返回值为boolean型，表示是否成功。  
     String bean2Str(DaoEPBase bean,String outIndex)，bean为电文体bean，outIndex为不包含在电文范围内的列名称以”,”分开。该函数把电文体bean以不扩大精度位倍数的方式序列化为符合平台电文规范的字符串。返回值为序列化的电文字符串。  
     String bean2Str(DaoEPBase bean,String outIndex,String type)，bean为电文体bean，outIndex为不包含在电文范围内的列名称以”,”分开，type表示序列化为字符串的方式，有扩大精度位倍数TELE\_EXPAND\_TYPE和不扩大精度位倍数TELE\_DEFAULT\_TYPE两种。该函数把电文体bean以不扩大精度位倍数的方式序列化为符合平台电文规范的字符串。返回值为序列化的电文字符串。  
     boolean str2Block(String teleStr,EiBlock block,String outIndex ,String type)，teleStr为电文字符串，block为电文体，outIndex为不包含在电文中的列以”,”分开，type表示反序列化到bean中的方式，有扩大精度位倍数TELE\_EXPAND\_TYPE和不扩大精度位倍数TELE\_DEFAULT\_TYPE两种。该函数是把电文字符串以不扩大精度位倍数的方式反序列化到电文block中去。返回值为boolean型，表示是否成功。  
     String block2Str(EiBlock block,String outIndex,String type)，block为电文体block，outIndex为不包含在电文范围内的列名称以”,”分开，type表示序列化为字符串的方式，有扩大精度位倍数TELE\_EXPAND\_TYPE和不扩大精度位倍数TELE\_DEFAULT\_TYPE两种。该函数把电文体block以不扩大精度位倍数的方式序列化为符合平台电文规范的字符串。返回值为序列化的电文字符串。

2、电文发送API  
    2.1 TeleSend TeleSendCenter.getInstance(String teleName) 通过teleName获取电文发送类

    2.2 Map TeleSend.teleSend(String teleCode,String teleBody),teleCod电文代码，teleBody电文内容

3、电文接受API

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| **示例** | ms-its:O:\公司电脑\DESK\开发使用规范\iplat4j使用文档\开发指南.chm::/images/copycode.gif拷贝代码 |
| String teleCode = "12";   String teleBody = "123123123";   String xcomUrl = "<http://10.25.40.123:7002/BPTQJ0/xmlrpc>";   String xcomSendFunctionName = "xcom2app";   try{   XmlRpcClient client = new XmlRpcClient(xcomUrl);   Vector params = new Vector();   teleBody = new String(org.apache.commons.codec.binary.Base64.encodeBase64(teleBody.getBytes("GBK")));   String time = "";   params.add(teleCode);   params.add(time);   params.add(teleBody);   String status = (String)client.execute(xcomSendFunctionName,params);   String s = new String(Base64.decodeBase64(status.getBytes()), "GBK"); | |

* **短信发送API使用**

    平台提供的短信发送类是SmsSendManager，发送函数是静态函数sendMobile，输入输出参数都是EiInfo。  
    在输入参数eiInfo中，需要设置手机号码EmConstant.EM\_MOBILE\_NUMBER或者用户IDEmConstant.EM\_USER\_ID，以及发送内容EmConstant.EM\_SMS\_CONTENT。手机号码和用户ID可以任意选择设置一个，如果二者都设置就以手机号码为准。在返回参数的EiInfo中可以读取EmConstant.EM\_SMSSEND\_RESULT值，得到发送成功success或失败failure的消息。

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| **示例** | ms-its:O:\公司电脑\DESK\开发使用规范\iplat4j使用文档\开发指南.chm::/images/copycode.gif拷贝代码 |
| public EiInfo sendMobileSMS(EiInfo inInfo) {   EiInfo outInfo = new EiInfo();   String message = null;   int status = 0;    try {    outInfo = SmsSendManager.sendMobile(inInfo);    String sendResult = outInfo.getString("result");    if( sendResult.equals("success"))    {      status = 0;      message = "发送短信成功！";    }    else if( sendResult.equals("failure"))    {         status = -1;         message = "发送短信失败！";    }    } catch (Exception e) {    logger.warn(e);    message = "发送短信失败！ "+e.getMessage();    status = -1;   }   outInfo.setStatus(status);   outInfo.setMsg(message);   return outInfo;  } | |

* **邮件发送参数配置和API使用**

1、参数配置

    1.1. 点击树型菜单中的“系统平台－平台元数据管理－国际化资源管理－provider信息页面”，打开“ED10/provider信息页面 ”，配置参数emailconfig：

| **提供者键值** | **提供者名称** | **关联资源表** | **刷新周期** | **提供者描述** |
| --- | --- | --- | --- | --- |
| emailconfig | 邮件配置信息 | iplat.ted11 | 60000 | 邮件相关的配置信息 |

    1.2. 点击树型菜单中的“系统平台－平台元数据管理－国际化资源管理－资源信息页面”，打开“ED11/资源信息页面”。和短信发送相关的配置参数有：

| **提供者键值** | **资源信息键** | **资源信息** |
| --- | --- | --- |
| emailconfig | smtpAccount\_default | baosight\_yfb@163.com |
| emailconfig | smtpHost\_default | smtp.163.com |
| emailconfig | smtpPassword\_default | baoxin |
| emailconfig | smtpUser\_default | baosight\_yfb |

     用户可以根据实际情况修改各项参数。

2、相关示例代码

    2.1 EmailSendCenter.getInstance(String emailName)得到EmailSend类，emailName可缺省；

    2.2 EmailSend.sendEmail(EmailBean emailBean)发送邮件内容

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| **示例** | ms-its:O:\公司电脑\DESK\开发使用规范\iplat4j使用文档\开发指南.chm::/images/copycode.gif拷贝代码 |
| import com.baosight.iplat4j.core.spring.SpringTestCase; import com.baosight.iplat4j.msg.email.bean.EmailBean; import com.baosight.iplat4j.msg.email.bean.EmailSmtpServerBean;  public class EmailSendTest extends SpringTestCase {   private String to = "[zhaogang\_001@baosight.com](mailto:zhaogang_001@baosight.com)";  private String subject = "subject string 中文 a";  private String msg = "msg string 中文 a";  private String htmlMsg = "<b><font color=red>msg string</font>  中</b>文 a";    private String from = "[zhaogang\_001@baosight.com](mailto:zhaogang_001@baosight.com)";  private String to1 = "[zhaogang@hotmail.com](mailto:zhaogang@hotmail.com)";    private String cc = "[zhaogang\_001@baosight.com](mailto:zhaogang_001@baosight.com)";  private String bcc = "[zhaogang@hotmail.com](mailto:zhaogang@hotmail.com)";    private String attachFile1 = "c:/attach附件测试1.txt";  private String attachFile2 = "c:/attach附件测试2.jpg";  //最简单邮件to,subject,msg  public void testMailSend\_1() {   EmailBean emailBean = new EmailBean();   emailBean.addTo(to);   emailBean.setSubject(subject+"(1)");   emailBean.setMsg(msg);      String emailMsgID = EmailSendCenter.getInstance().sendEmail(emailBean);   System.out.println(emailMsgID);  }      //设置from  public void testMailSend\_2() {   EmailBean emailBean = new EmailBean();   emailBean.addTo(to);   emailBean.setSubject(subject+"(2)");   emailBean.setMsg(msg);   emailBean.setFrom(from);      String emailMsgID = EmailSendCenter.getInstance().sendEmail(emailBean);   System.out.println(emailMsgID);  }    //设置多个to  public void testMailSend\_3() {   EmailBean emailBean = new EmailBean();   emailBean.addTo(to);   emailBean.addTo(to1);   emailBean.setSubject(subject+"(3)");   emailBean.setMsg(msg);      String emailMsgID = EmailSendCenter.getInstance().sendEmail(emailBean);   System.out.println(emailMsgID);  }       //设置cc,bcc  public void testMailSend\_4() {   EmailBean emailBean = new EmailBean();   emailBean.addTo(to);   emailBean.addCc(cc);   emailBean.addBcc(bcc);   emailBean.setSubject(subject+"(4)");   emailBean.setMsg(msg);      String emailMsgID = EmailSendCenter.getInstance().sendEmail(emailBean);   System.out.println(emailMsgID);  }       //设置replyTo  public void testMailSend\_5() {   EmailBean emailBean = new EmailBean();   emailBean.addTo(to);   emailBean.addReplyTo(to1);   emailBean.setSubject(subject+"(5)");   emailBean.setMsg(msg);      String emailMsgID = EmailSendCenter.getInstance().sendEmail(emailBean);   System.out.println(emailMsgID);  }      //自定义smtpServer  public void testMailSend\_6() {   EmailBean emailBean = new EmailBean();   emailBean.addTo(to);   emailBean.setSubject(subject+"(6)");   emailBean.setMsg(msg);      EmailSmtpServerBean emailSmtpServerBean = new EmailSmtpServerBean();   emailSmtpServerBean.setSmtpHost("smtp.baosight.com");   emailSmtpServerBean.setSmtpUser("zhaogang\_001");   emailSmtpServerBean.setSmtpPassword("zhaogang\_001");      String emailMsgID = EmailSendCenter.getInstance().sendEmail(emailSmtpServerBean,emailBean);   System.out.println(emailMsgID);  }       // html格式邮件  public void testMailSend\_7() {   EmailBean emailBean = new EmailBean();   emailBean.addTo(to);   emailBean.setSubject(subject+"(7)");   emailBean.setMsg(htmlMsg);   emailBean.setHtml(true);      String emailMsgID = EmailSendCenter.getInstance().sendEmail(emailBean);   System.out.println(emailMsgID);  }       // 带附件的文本邮件  public void testMailSend\_8() {   EmailBean emailBean = new EmailBean();   emailBean.addTo(to);   emailBean.setSubject(subject+"(8)");   emailBean.setMsg(msg);   emailBean.addAttachFile(attachFile1);   emailBean.addAttachFile(attachFile2);      String emailMsgID = EmailSendCenter.getInstance().sendEmail(emailBean);   System.out.println(emailMsgID);  }         // 带附件的html邮件  public void testMailSend\_9() {   EmailBean emailBean = new EmailBean();   emailBean.addTo(to);   emailBean.setSubject(subject+"(9)");   emailBean.setMsg(htmlMsg);   emailBean.setHtml(true);   emailBean.addAttachFile(attachFile1);   emailBean.addAttachFile(attachFile2);      String emailMsgID = EmailSendCenter.getInstance().sendEmail(emailBean);   System.out.println(emailMsgID);  } } | |