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Platform	S60 3rd Edition, FP2, S60 5th Edition	Devices	Nokia N79, Nokia N96, Nokia 5730 XpressMusic, Nokia 5800 XpressMusic
Category	Java ME	Subcategory	Messaging, SMS

Keywords (APIs, classes, methods, functions): java.lang.IllegalArgumentException, java.io.InterruptedIOException

Description

When sending an SMS message that is too long, `java.io.InterruptedIOException` will be thrown instead of `java.lang.IllegalArgumentException`.

How to reproduce

1. Implement the following test MIDlet:

```
import javax.microedition.lcdui.*;
import javax.microedition.midlet.*;
import javax.microedition.io.Connector;
import javax.wireless.messaging.*;

public class SMSSendTest extends MIDlet
    implements CommandListener
{
    Display d;
    Form f;
    TextField phoneNumber;
    TextField smsInfo;

    Command exitCmd;
    Command sendCmd;
    String mese;

    public SMSSendTest()
    {
```

KIJ001371_-_Wrong_exception_thrown_when_sending_SMS_messages_that_are_too_long

```
d = Display.getDisplay(this);
exitCmd = new Command("Exit", 1, Command.EXIT);
sendCmd = new Command("Send SMS", 1, Command.OK);
f = new Form("SMS Test");

phoneNumber = new TextField("Enter SMS receiver phone number", "+3581234567", 20, TextFie
    mese="VeryLongString");//the string must be approximately 5000-6000 characters

smsInfo= new TextField("Text", "Size of the test SMS text: "+mese.length(), 6000, TextField.AN

    f.append(phoneNumber);
    f.append(smsInfo);
    f.addCommand(sendCmd);
    f.addCommand(exitCmd);
    f.setCommandListener(this);
    d.setCurrent(f);
}

public void commandAction(Command c, Displayable d)
{
    if(c == exitCmd)
        try
        {
            destroyApp(true);
            notifyDestroyed();
        }
        catch(Exception e)
        {
            smsInfo.setString(e.getMessage());
        }

    else
        if(c == sendCmd)
            send();
}

private void send()
{
    Alert smsAlert;
    smsAlert = new Alert("SMS Alert", "", null, null);
    smsAlert.setTimeout(Alert.FOREVER);

    try
    {
        String addr = "sms://" + phoneNumber.getString();

        MessageConnection conn = (MessageConnection)Connector.open(addr);
        TextMessage msg = (TextMessage)conn.newMessage("text");

        msg.setPayloadText(mese);
        conn.send(msg);

        smsAlert.setString("SMS send successful");
        d.setCurrent(smsAlert);
    }
    catch(Exception e)
    {
        smsAlert.setString("SMS send not successful: \n"+e.toString());
        d.setCurrent(smsAlert);
    }
}
```

KIJ001371_-_Wrong_exception_thrown_when_sending_SMS_messages_that_are_too_long

```
    }  
}  
  
protected void startApp()  
    throws MIDletStateChangeException  
{  
}  
  
protected void pauseApp()  
{  
}  
  
protected void destroyApp(boolean bool)  
    throws MIDletStateChangeException  
{  
}  
}
```

2. Launch the test MIDlet and choose **Send SMS** from **Options**. For the affected devices, `java.io.InterruptedIOException` will be thrown instead of `java.lang.IllegalArgumentException`.

Solution

This issue is expected to be fixed in future software versions, starting with S60 5th Edition.