

## How\_to\_send\_an\_SMS\_using\_sockets

This code will help to sending sms via a socket and you can send it via exe or an app also. Its very simple.

### Headers required:

```
#include <es_sock.h> //RSocketServ, RSocket
#include <smsuaddr.h> //TSmsAddr
#include <f32file.h> //RFs
#include <gsmuset.h> //TSmsUserDataSettings
#include <Gsmumsg.h> //CSmsMessage
```

### Library Needed:

```
LIBRARY esock.lib //RSocketServ, RSocket
LIBRARY smsu.lib //TSmsAddr
LIBRARY efsrv.lib //RFs
LIBRARY gsmu.lib //TSmsUserDataSettings
```

### Source:

```
RSocketServ sockServ;
User::LeaveIfError(sockServ.Connect());
CleanupClosePushL(sockServ);

RSocket socket;
User::LeaveIfError(
    socket.Open(sockServ, KSMSAddrFamily, KSockDatagram, KSMSDatagramProtocol));
CleanupClosePushL(socket);

TSmsAddr smsaddr;
smsaddr.SetSmsAddrFamily(ESmsAddrSendOnly);
smsaddr.SetPort(smsaddr.Port() + 1);

User::LeaveIfError(socket.Bind(smsaddr));

RFs fileSession;
User::LeaveIfError(fileSession.Connect());
CleanupClosePushL(fileSession);

CSmsBufferBase *buffer = CSmsBuffer::NewL();
CleanupStack::PushL(buffer);

buffer->InsertL(0, _L("This is a test Message"));

TSmsUserDataSettings smsSettings;
smsSettings.SetAlphabet(TSmsDataCodingScheme::ESmsAlphabet8Bit);
smsSettings.SetTextCompressed(EFalse);

CSmsMessage *cSmsMessage = CSmsMessage::NewL(
    fileSession, CSmsPDU::ESmsSubmit, buffer);
CleanupStack::Pop(buffer);
CleanupStack::PushL(cSmsMessage);
cSmsMessage->SetUserDataSettingsL(smsSettings);
cSmsMessage->SetToFromAddressL(_L("9888888888888888"));
cSmsMessage->SmsPDU().SetServiceCenterAddressL(_L("+9999999"));

RSmsSocketWriteStream writestream(socket);
writestream << *cSmsMessage;
writestream.CommitL();
```

## How\_to\_send\_an\_SMS\_using\_sockets

```
TRequestStatus status;
TPckgBuf<TUint> sendBuffer;
socket.Ioct1(KIoctlSendSmsMessage, status, &sendBuffer, KSolSmsProv);
User::WaitForRequest(status);

CleanupStack::PopAndDestroy(cSmsMessage);
CleanupStack::PopAndDestroy(&fileSession);
CleanupStack::PopAndDestroy(&socket);
CleanupStack::PopAndDestroy(&sockServ);
```

## Related Links:

- [Sending SMS with RSendAs](#)
- [SMS Utilities API](#)
- [SMS Receiver](#)
- [Reading SMS from Inbox](#)
- [Sending SMS in S60 3rd Edition - MTM](#)
- [SMS Operations](#)
- [Sending-Receiving SMS through an Exe \(Server\)](#)
- [Create Local SMS](#)
- [How to Open SMS or MMS Editor](#)