Send SMS Message

Demonstrates how to send an SMS text message to a mobile phone. An SMS text message may be sent via email using the free Email To SMS Gateways provided by the carriers. The gateway domains for major US carriers are shown immediately below. (A more complete list of US and International SMS gateways is provided after the source code listing below.)

Boost Mobile: PhoneNumber@myboostmobile.com
T-Mobile: PhoneNumber@tmomail.net
Virgin Mobile: PhoneNumber@vmobl.com
Cingular: PhoneNumber@cingularme.com
Sprint Nextel: PhoneNumber@messaging.sprintpcs.com
Verizon: PhoneNumber@vtext.com
Nextel: PhoneNumber@messaging.nextel.com
US Cellular: PhoneNumber@email.uscc.net
SunCom: PhoneNumber@tms.suncom.com
Powertel: PhoneNumber@ptel.net
AT&T (Cingular): PhoneNumber@txt.att.net
Alltel: PhoneNumber@message.alltel.com
Metro PCS: PhoneNumber@MyMetroPcs.com

where PhoneNumber = your 10 digit phone number

Maximum SMS Length:
Each SMS message can be up to 160 total characters in length. If non-Latin alphabets like Chinese or Arabic are used, the limit is 70 characters.

Long Messages:
Most mobile phones support "long messages". This feature splits up messages longer than 160 characters into multiple messages. If the body text of your SMS email is longer than 160 characters, it may be delivered as multiple text messages on phones that do not support long messages, or it may be automatically split and re-assembled into a single message on phones that do support long messages. The splitting of a long message would happen at the SMS gateway, and not within the Chilkat component/library.

Important: Some SMTP servers do not actually send an email until the connection is closed. In these cases, it is necessary to call CloseSmtpConnection for the mail to be sent. Most SMTP servers send the email immediately, and it is not required to close the connection.

More information about minimizing SMTP connections.

Chilkat Python Downloads

Python Module for Windows, Linux, MAC OS X, Solaris, FreeBSD, and ARM Embedded Linux

```
import sys
import chilkat
```

```python
#  The mailman object is used for sending and receiving email.
mailman = chilkat.CkMailMan()

#  Any string argument automatically begins the 30-day trial.
success = mailman.UnlockComponent("30-day trial")
if (success != True):
    print mailman.lastErrorText()
    sys.exit()

#  Set the SMTP server.
mailman.put_SmtpHost("smtp.chilkatsoft.com")

#  Set the SMTP login/password (if required)
mailman.put_SmtpUsername("myUsername")
mailman.put_SmtpPassword("myPassword")

#  Create a new email object
email = chilkat.CkEmail()

email.put_Subject("Test SMS text message")
email.put_Body("This is a test SMS text message")
email.put_From("Chilkat Support <support@chilkatsoft.com>")
#  Use the 10-digit phone number and SMS gateway domain here:
email.AddTo("John Doe","1234567890@txt.att.net")

#  Call SendEmail to connect to the SMTP server and send.
#  The connection (i.e. session) to the SMTP server remains
#  open so that subsequent SendEmail calls may use the
#  same connection.
success = mailman.SendEmail(email)
if (success != True):
    print mailman.lastErrorText()
    sys.exit()

#  Some SMTP servers do not actually send the email until
#  the connection is closed.  In these cases, it is necessary to
#  call CloseSmtpConnection for the mail to be  sent.
#  Most SMTP servers send the email immediately, and it is
#  not required to close the connection.  We'll close it here
#  for the example:
success = mailman.CloseSmtpConnection()
if (success != True):
    print mailman.lastErrorText()

print "Mail Sent!"

#  ---------------------------------------------------------------
#
A more complete list of SMS gateways:


-------------------  Austria --------------------
MaxMobil        xPhoneNumber@max.mail.at
One Connect     PhoneNumber@onemail.at
T-Mobile        PhoneNumber@sms.t-mobile.at

-------------------  Australia --------------------
Blue Sky Frog   PhoneNumber@blueskyfrog.com
Optus Mobile    PhoneNumber@optusmobile.com.au

-------------------  Belgium --------------------
Mobistar        PhoneNumber@mobistar.be

-------------------  Bermuda --------------------
Mobility        PhoneNumber@ml.bm

-------------------  Brazil --------------------
Nextel  PhoneNumber@nextel.com.br

-------------------  Canada --------------------
Bell Mobility   PhoneNumber@txt.bell.ca
Bell Mobility   PhoneNumber@txt.bellmobility.ca
Fido    PhoneNumber@fido.ca
Microcell       PhoneNumber@fido.ca
Manitoba Telecom Systems        PhoneNumber@text.mtsmobility.com
NBTel   PhoneNumber@wirefree.informe.ca
PageMart        PhoneNumber@pmcl.net
PageNet         PhoneNumber@pagegate.pagenet.ca
Rogers  PhoneNumber@pcs.rogers.com
```

```
Telus    PhoneNumber@msg.telus.com

------------------- Chile -------------------
Bell South       PhoneNumber@bellsouth.cl

------------------- Czech Republic -------------------
Eurotel          +ccaaxxxxxxx@sms.eurotel.cz
Oskar    PhoneNumber@mujoskar.cz

------------------- Denmark -------------------
Sonofon          xxxxxxxx@note.sonofon.dk
Tele Danmark Mobil     xxxxxxxx@sms.tdk.dk
Telia Denmark    PhoneNumber@gsm1800.telia.dk

------------------- Estonia -------------------
EMT      PhoneNumber@sms.emt.ee

------------------- France -------------------
SFR      PhoneNumber@sfr.fr

------------------- Germany -------------------
T-Mobile         +49xxxxxxx@t-d1-sms.de
Mannesmann Mobilefunk    xxxxxxx@d2-message.de
E-Plus   0177xxxxxxx.sms@eplus.de

------------------- Hungary -------------------
PGSM     3620xxxxxxx@sms.pgsm.hu

------------------- India -------------------
BPL mobile       PhoneNumber@bplmobile.com
Chennai RPG Cellular     PhoneNumber@rpgmail.net
Chennai Skycell / Airtel        PhoneNumber@airtelchennai.com
Delhi Aritel     PhoneNumber@airtelmail.com
Delhi Hutch      PhoneNumber@delhi.hutch.co.in
Idea Cellular    PhoneNumber@ideacellular.net
Orange   PhoneNumber@orangemail.co.in

------------------- Ireland -------------------
Meteor   PhoneNumber@sms.mymeteor.ie

------------------- Italy -------------------
Telecom Italia Mobile    33xxxxxxxx@posta.tim.it
Vodafone Omnitel         34xxxxxxxx@vizzavi.it
Vodafone         PhoneNumber@sms.vodafone.it

------------------- Japan -------------------
Vodafone Japan   PhoneNumber@c.vodafone.ne.jp
Vodafone Japan   PhoneNumber@h.vodafone.ne.jp
Vodafone Japan   PhoneNumber@t.vodafone.ne.jp

------------------- Latvia -------------------
Kyivstar         PhoneNumber@smsmail.lmt.lv
LMT      9xxxxxx@smsmail.lmt.lv
Tele2    PhoneNumber@sms.tele2.lv

------------------- Lebanon -------------------
Cellis / LibanCell       9613xxxxxx@ens.jinny.com.lb

------------------- Luxembourg -------------------
P&T Luxembourg   PhoneNumber@sms.luxgsm.lu

------------------- Malaysia -------------------
Celcom   019xxxxxxx@sms.celcom.com.my
------------------- The Netherlands
Dutchtone / Orange-NL    PhoneNumber@sms.orange.nl

------------------- Norway -------------------
Netcom   PhoneNumber@sms.netcom.no
Telenor          PhoneNumber@mobilpost.no

------------------- Panama -------------------
Cable and Wireless       PhoneNumber@cwmovil.com
------------------- Poland
Plus GSM         +4860xxxxxxx@text.plusgsm.pl

------------------- Portugal -------------------
Telcel   91xxxxxxx@sms.telecel.pt
Optimus          93xxxxxxx@sms.optimus.pt
TMN      96xxxxxxx@mail.tmn.pt
```

```
-------------------- Russia --------------------
BeeLine GSM     PhoneNumber@sms.beemail.ru
MTS     7xPhoneNumber@sms.mts.ru
Personal Communication  sms@pcom.ru (number in subject line)
Primtel         PhoneNumber@sms.primtel.ru
SCS-900         PhoneNumber@scs-900.ru
Uraltel         PhoneNumber@sms.uraltel.ru
Vessotel        PhoneNumber@pager.irkutsk.ru

-------------------- Serbia and Montenegro --------------------
Mobtel Srbija   PhoneNumber@mobtel.co.yu

-------------------- Singapore --------------------
MiWorld         PhoneNumber@m1.com.sg
Mobileone       PhoneNumber@m1.com.sg

-------------------- Slovenia --------------------
Mobitel         xxxxxx@linux.mobitel.si
Si Mobil        xxxxxx@simobil.net

-------------------- Spain --------------------
Movistar        PhoneNumber@correo.movistar.net
Vodafone        PhoneNumber@vodafone.es

-------------------- Sweden --------------------
Comviq GSM      467xxxxxxxx@sms.comviq.se
Europolitan     4670xxxxxxx@europolitan.se

-------------------- Switzerland --------------------
Sunrise Mobile  PhoneNumber@freesurf.ch
Sunrise Mobile  PhoneNumber@mysunrise.ch
Swisscom        PhoneNumber@bluewin.ch

-------------------- Tanzania --------------------
Mobitel         PhoneNumber@sms.co.tz

-------------------- Ukraine --------------------
Golden Telecom  PhoneNumber@sms.goldentele.com
Kyivstar        xPhoneNumber@2sms.kyivstar.net
UMC     PhoneNumber@sms.umc.com.ua

-------------------- United Kingdom --------------------
Orange  0973xxxxxx@omail.net
Orange  PhoneNumber@orange.net
O2      name@o2.co.uk
O2 (M-mail)     PhoneNumber@mmail.co.uk
T-Mobile UK     PhoneNumber@t-mobile.uk.net
Vodafone UK     PhoneNumber@vodafone.net

-------------------- United States --------------------
3 River Wireless        PhoneNumber@sms.3rivers.net
Advantage Communications        PhoneNumber@advantagepaging.com
AirVoice        PhoneNumber@mmode.com
Airtouch Pagers         PhoneNumber@airtouch.net
Airtouch Pagers         PhoneNumber@airtouchpaging.com
Airtouch Pagers         PhoneNumber@alphapage.airtouch.com
Airtouch Pagers         PhoneNumber@myairmail.com
AllTel  PhoneNumber@message.alltel.com
Alltel PCS      PhoneNumber@message.alltel.com
Alltel  PhoneNumber@alltelmessage.com
Ameritech Paging        PhoneNumber@pageapi.com
Arch Pagers (PageNet)   PhoneNumber@archwireless.net
Arch Pagers (PageNet)   PhoneNumber@epage.arch.com
Bell South (Blackberry)         PhoneNumber@bellsouthtips.com
Bell South Mobility     PhoneNumber@blsdcs.net
Bell South      PhoneNumber@blsdcs.net
Bell South      PhoneNumber@sms.bellsouth.com
Bell South      PhoneNumber@wireless.bellsouth.com
Bluegrass Cellular      PhoneNumber@sms.bluecell.com
Boost Mobile    PhoneNumber@myboostmobile.com
Boost   PhoneNumber@myboostmobile.com
CallPlus        PhoneNumber@mmode.com
Carolina Mobile Communications  PhoneNumber@cmcpaging.com
Cellular One East Coast         PhoneNumber@phone.cellone.net
Cellular One PCS        PhoneNumber@paging.cellone-sf.com
Cellular One South West         PhoneNumber@swmsg.com
Cellular One West       PhoneNumber@mycellone.com
Cellular One    PhoneNumber@message.cellone-sf.com
```

```
Cellular One      PhoneNumber@mobile.celloneusa.com
Cellular One      PhoneNumber@sbcemail.com
Cellular South    PhoneNumber@csouth1.com
Central Vermont Communications   PhoneNumber@cvcpaging.com
CenturyTel        PhoneNumber@messaging.centurytel.net
Cingular (GSM)    PhoneNumber@cingularme.com
Cingular (TDMA)          PhoneNumber@mmode.com
Cingular Wireless        PhoneNumber@mobile.mycingular.net
Cingular          PhoneNumber@cingularme.com
Communication Specialists       xxxxxxx@pageme.comspeco.net
Cook Paging       PhoneNumber@cookmail.com
Corr Wireless Communications     PhoneNumber@corrwireless.net
Dobson Communications Corporation        PhoneNumber@mobile.dobson.net
Dobson-Alex Wireless / Dobson-Cellular One      PhoneNumber@mobile.cellularone.com
Edge Wireless     PhoneNumber@sms.edgewireless.com
GCS Paging        PhoneNumber@webpager.us
GTE       PhoneNumber@gte.pagegate.net
GTE       PhoneNumber@messagealert.com
Galaxy Corporation        PhoneNumber@sendabeep.net
GrayLink / Porta-Phone    PhoneNumber@epage.porta-phone.com
Houston Cellular          PhoneNumber@text.houstoncellular.net
Inland Cellular Telephone        PhoneNumber@inlandlink.com
JSM Tele-Page     PhoneNumber@jsmtel.com
Lauttamus Communication          PhoneNumber@e-page.net
MCI Phone         PhoneNumber@mci.com
MCI       PhoneNumber@pagemci.com
Metro PCS         PhoneNumber@metropcs.sms.us
Metro PCS         PhoneNumber@mymetropcs.com
MetroPCS          PhoneNumber@mymetropcs.com
Metrocall 2-way          PhoneNumber@my2way.com
Metrocall         PhoneNumber@page.metrocall.com
Midwest Wireless         PhoneNumber@clearlydigital.com
Mobilecom PA      PhoneNumber@page.mobilcom.net
Mobilfone         PhoneNumber@page.mobilfone.com
Morris Wireless          PhoneNumber@beepone.net
NPI Wireless      PhoneNumber@npiwireless.com
Nextel    PhoneNumber@messaging.nextel.com
Nextel    PhoneNumber@page.nextel.com
Ntelos    PhoneNumber@pcs.ntelos.com
Omnipoint         PhoneNumber@omnipoint.com
Omnipoint         PhoneNumber@omnipointpcs.com
OnlineBeep        PhoneNumber@onlinebeep.net
PCS One   PhoneNumber@pcsone.net
Pacific Bell      PhoneNumber@pacbellpcs.net
PageMart          PhoneNumber@pagemart.net
PageOne NorthWest        PhoneNumber@page1nw.com
Pioneer / Enid Cellular          PhoneNumber@msg.pioneerenidcellular.com
Price Communications     PhoneNumber@mobilecell1se.com
ProPage   PhoneNumber@page.propage.net
Public Service Cellular          PhoneNumber@sms.pscel.com
Qualcomm          name@pager.qualcomm.com
Qwest    PhoneNumber@qwestmp.com
RAM Page          PhoneNumber@ram-page.com
ST Paging         pin@page.stpaging.com
Safaricom         PhoneNumber@safaricomsms.com
Satelindo GSM     PhoneNumber@satelindogsm.com
Satellink         xxxxxxxxx.pageme@satellink.net
Simple Freedom    PhoneNumber@text.simplefreedom.net
Skytel Pagers     PhoneNumber@email.skytel.com
Skytel Pagers     PhoneNumber@skytel.com
Smart Telecom     PhoneNumber@mysmart.mymobile.ph
Southern LINC     PhoneNumber@page.southernlinc.com
Southwestern Bell        PhoneNumber@email.swbw.com
Sprint PCS        PhoneNumber@messaging.sprintpcs.com
Sprint   PhoneNumber@sprintpaging.com
SunCom   PhoneNumber@tms.suncom.com
Surewest Communications         PhoneNumber@mobile.surewest.com
T-Mobile          PhoneNumber@tmomail.net
TIM       PhoneNumber@timnet.com
TSR Wireless      PhoneNumber@alphame.com
TSR Wireless      PhoneNumber@beep.com
Teletouch         PhoneNumber@pageme.teletouch.com
Telus    PhoneNumber@msg.telus.com
The Indiana Paging Co    xxxx@pager.tdspager.com
Triton   PhoneNumber@tms.suncom.com
US Cellular       PhoneNumber@email.uscc.net
USA Mobility      PhoneNumber@mobilecomm.net
Unicel   PhoneNumber@utext.com
Verizon PCS       PhoneNumber@myvzw.com
```

```
Verizon Pagers  PhoneNumber@myairmail.com
Verizon         PhoneNumber@vtext.com
Virgin Mobile   PhoneNumber@vmobl.com
Virgin Mobile   PhoneNumber@vxtras.com
WebLink Wireless        PhoneNumber@pagemart.net
West Central Wireless   PhoneNumber@sms.wcc.net
Western Wireless        PhoneNumber@cellularonewest.com
Wyndtell        PhoneNumber@wyndtell.com
```