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| **C++ program to send Mail** |

**Question**

Build a C++ program to send Mail. You have to use smtp server that should work all the mail domain. If the from address contain “@gmail.com” the smtp server must be Gmail and likewise if the from address contain “@outlook.com” the smtp server must be outlook.

**Code**

#include "stdafx.h"

#include <tchar.h>

#include <Windows.h>

#include "EASendMailObj.tlh"

using namespace EASendMailObjLib;

const int ConnectNormal = 0;

const int ConnectSSLAuto = 1;

const int ConnectSTARTTLS = 2;

const int ConnectDirectSSL = 3;

const int ConnectTryTLS = 4;

int \_tmain(int argc, \_TCHAR\* argv[])

{

::CoInitialize(NULL);

IMailPtr oSmtp = NULL;

oSmtp.CreateInstance(\_\_uuidof(EASendMailObjLib::Mail));

oSmtp->LicenseCode = \_T("TryIt");

// Set your gmail email address

oSmtp->FromAddr = \_T("gmailid@gmail.com");

// Add recipient email address

oSmtp->AddRecipientEx(\_T("support@emailarchitect.net"), 0);

// Set email subject

oSmtp->Subject = \_T("simple email from Visual C++ with gmail account");

// Set email body

oSmtp->BodyText = \_T("this is a test email sent from Visual C++ project with Gmail");

// Gmail SMTP server address

oSmtp->ServerAddr = \_T("smtp.gmail.com");

// Gmail user authentication should use your

// Gmail email address as the user name.

// For example: your email is "gmailid@gmail.com", then the user should be "gmailid@gmail.com"

oSmtp->UserName = \_T("gmailid@gmail.com");

oSmtp->Password = \_T("yourpassword");

// Use SSL 465 port,

oSmtp->ServerPort = 465;

// detect SSL/TLS automatically

oSmtp->ConnectType = ConnectSSLAuto;

\_tprintf(\_T("Start to send email via gmail account ...\r\n"));

if(oSmtp->SendMail() == 0)

{

\_tprintf(\_T("email was sent successfully!\r\n"));

}

else

{

\_tprintf(\_T("failed to send email with the following error: %s\r\n"),

(const TCHAR\*)oSmtp->GetLastErrDescription());

}

return 0;

}