
Subject: Re: WebMail package (POP/SMTP/IMAP)
Posted by [Oblivion](#) on Mon, 13 Apr 2009 21:57:45 GMT
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Quote:

What about smtp? I'll need to send a simple mail with one or two files. So I'm thinking about the more simple and fast variants. Can you help me with a simple code-snippet or advice?

It will be great, if you could show a "conversation" with the socket, it will help to realize how to send a mail with attachments successfully. And I don't know much more about MIME format, and about free tools for it, >_<.

And I'm going to search the answers myself too, yeh, of cause.

Best regards, great man, and sorry for my English,
Anton.

Hello Anton,

Actually, the code of this "yet-to-be-finished" (I'm sorry, I'm way too busy nowadays... I didn't have the time to finish it) class is based upon the original U++ Smtplib class. So you should check "SMTPMail::Send()" method in Web/smtp.h. It will give you an idea about the socket "transaction" (or conversation, if you will). It works almost like my unfinished POP3Mail class.

Smtp example code should be something like this:

```
#ifndef _SmtpExample_SmtpExample_h
#define _SmtpExample_SmtpExample_h

#include <CtrlLib/CtrlLib.h>
#include <Web/Web.h>
using namespace Upp;

#define LAYOUTFILE <SmtpExample/SmtpExample.lay>
#include <CtrlCore/lay.h>

class SmtpExample : public WithSmtpExampleLayout<TopWindow> {
public:
    typedef SmtpExample CLASSNAME;
    SmtpExample();

    SmtpMail smtp;

    void Send();
};
```

```

SntpExample::SntpExample()
{
    CtrlLayout(*this, "Sntp Example");

    smtp.Transcript();
    smtp.Subject("Sntp Example");
    smtp.Port(25);
    smtp.Host("smtp.host.com");
    smtp.Auth("username", "password");
    smtp.From("from");
    smtp.To("to");
    smtp.AttachFile("filename", mimetype = 0);
    SendButton << THISBACK(Send);

}

void SntpExample::Send()
{
    smtp.Send();
    LogConsole.Set(smtp.GetTranscript());
}

GUI_APP_MAIN
{
    SntpExample().Run();
}

```

But beware, this code probably won't work; because most of the servers require at least a TLS encryption/session after the first "HELO" message.

For more information on SMTP protocol you should read RFC 821 and RFC 5321.

You can read and search POP3/SMTP/MIME/TLS/SLL etc. RFC documents at:

<http://www.rfc-editor.org/rfcsearch.html>

I hope that this will give you an idea on where to start.

Regards.

Oblivion