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1 Xbase++ SMTP Class

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2 Intro

This class was created to help Xbase++ users in sending emails thru the internet using Winsock resources.

This is a very simple class with very little effort in terms of programming, of course implementing it will require code changes, but the benefits are worth it.

An example of a simple program would be :

```
PROCEDURE MAIN
```

```
    oSmtip := xbpSMTP():New()           // Creates the SMTP object

    oSmtip:Create( cHost, cUser,         // Tell the class then SMTP
                  cPass )               server, username and password.

    oSmtip:SendMail( cTo, cFrom,        // Send the message
                    cSubject, cMsg )

    oSmtip:Destroy()                   // End the process
```

```
Return
```

3 Class Methods

3.1 New

- `New(cKey) =>` Initializes the class object.

`cKey (character)` : Key to remove the DEMO restriction.

3.2 Create

- **Create**(*cHost*, [*cUser*], [*cPassword*]) => Conect to the host server.
 - *cHost* (*character*) : Name or IP number of the STMP host server.
 - *cUser* (*character*) : User name at the STMP host server.
 - *cPassword* (*character*) : Password of the email account.

3.3 SendMail

- **SendMail(*cTo*, *cFrom*, *cSubject*, *cMsg*, [*cAttach*], [*cCopy*], [*cBCopy*]) =>** Sends the email.

- *cTo* (character) Email recipient.
- *cFrom* (character) Sender's email.
- *cSubject* (character) Email subject.
- *cMsg* (character) Email message body.
- *cAttach* (character) Email attachment, full path filename.
- *cCopy* (character) Email copy recipient, it can be a comma separated list, or and array of recipients.
- *cBCopy* (character) Email Blind copy recipient, may be a comma separated list or an array of email address.

Examples :

```
a) oSMTP:SendMail( "anyname@email.com", ;
                  "myemail@host.com", ;
                  "message subject", ;
                  "message text", , ;
                  "mail2@anymail.com, mail3@anymail.com, mail4@anymail.com")
```

This will send the email to anyname@mail.com with blind copies to mail2@anymail.com, mail3@anymail.com and mail4@anymail.com

```
b) aBcc := { "mail2@anymail.com", ;
            "mail3@anymail.com", ;
            "mail4@anymail.com" }

oSMTP:SendMail( "anyname@email.com", ;
                "myemail@host.com", ;
                "message subject", ;
                "message text", , ;
                aBcc )
```

This will do the same thing.

3.4 Log

- **Log(*lLogEvents*, *cLogFile*)** => Start or stops logging smtp messages.
 - *lLogEvents* (*logical*) True will open the log file, and start logging SMTP events, and False will stop logging and close the log file.
 - *cLogFile* (*character*) Name of an optional Log file to register all data flow.

3.5 Destroy

- Destroy() => Releases all object resources and closes the log file

4 Class Variables

cHost	name or IP address of the SMTP server.
cUser	user (account) name at the SMTP server.
cPass	user (account) password at the SMTP server.
cRecipient	main recipient for the message.
cSender	email sender.
cSubject	subject line for the message.
cBody	message body (text).
cAttach	full path filename of the file to be attached to the message.
cCc	comma separated list or array of emails to receive a message copy.
cBcc	comma separated list or array of emails to receive a blind message copy.
cLog	log file name.
IDebug	True or False. If True, will display flow on screen.

5 Demo

This is a sample program that is included in this package, by analyzing it, you will be able to see how simple its is, and at the same time how powerful this new class is.

```
#pragma library( "XbpSMTP.Lib" )

PROCEDURE MAIN
    LOCAL cTo, cFrom, cSubject, cMsg

    oSmtip      := xbpSMTP():New()
    oSmtip:Create( "smtp.host.com", "hostusername", "hostpassword" )

    cMsg       := "This is a test message sent with the XbpSMTP class"
    cSubject   := "SMTP Class test message"
    cTo        := "test@anymail.com"
    cFrom      := "myemail@host.com"

    oSmtip:SendMail( cTo, cFrom, cSubject, cMsg )

    oSmtip:Destroy()

return
```
