

TPOP3 Component for Delphi v1.3, 32 bit version

(unregistered)

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1. Features

TPOP3 is a component for Borland Delphi, which allows to receive Internet mail. It is a companion of TSMTP component, previously released by ArGo Software Design. If you have PPP or SLIP connection to the Internet and POP3 account, you can use this component in your applications to retrieve, save, view, decode Internet mail messages. It fully supports Post Office Protocol Version 3 (POP3, rfc 1225). Along with this component in the package is included the unit *msgdcd.pas* (*msgdcd.dcu*, if you have the unregistered version), which contains the class TMsgProcessor, encapsulating MIME decoder. You can pass your messages there and decode attachments 'on fly'. Current version supports only MIME (rfc 1521) and single part messages (this single message can contain multiple attachments though). Decoder understands two types of MIME: Base64 and Quoted-Printable. Decoding method is fully compatible with rfc 1521.

All Winsock error string resources are located in the separate dll, wserr32.dll. If you wish your application to display the explanatory messages, put this dll somewhere on your path, otherwise your application will display just Winsock error numbers.

For usage instructions see the file pop3.hlp, included in this package.



Pop3.hlp

This is the 32 bit version. **It will not work with Delphi 1.x.**

2. if you already have TSMTP32 component

If you already have TSMTP component, version 1.2, which also descends from TMailBase, you probably have the following files, which are shared by both TSMTP and TPOP3:

mailbase.pas (or mailbase.dcu)
mailutil.pas
wserr32.dll
mime.pas

We are trying our best not to modify these files during upgrades, so you should not have any problems and conflicts. Anyway, it won't harm to make backup before installing TPOP3. If you still have problems, feel free to contact us and we will try to solve the problems with you. The best way to avoid problems with *unit version mismatch* type messages when compiling, is to register the components and have full source code.

3. Packaging

The following files are included in the archive containing TPOP3 component:

pop3.dcu - compiled unit, containing TPOP3 component;

pop3.int	- the interface part of the pop3.pas unit;
pop3.dcr	- component resource file;
mailbase.dcu	- compiled unit, containing TMailBase class;
mailbase.int	- the interface part of the mailbase.pas unit;
mailutil.pas	- some utilities, used by pop3 and smtp;
mime.pas	- unit handling MIME encoding of binary attachments;
msgutils.pas	- some utilities, used by pop3;
mserr32.dll	- Dynamic link library with Winsock error messages;

The following files build the sample application pop3mail.exe, which is fully functional POP3 mail agent including MIME decoder:

pop3mail.dpr
 pop3main.pas
 pop3main.dfm
 pop3su.pas
 pop3su.dfm
 msgdcd.pas
 msgdcd.dfm

And all the documentation is in the following files:

readme.doc	- this file;
file_id.diz	- standard BBS file description;
regform.doc	- registration order form;
register.doc	- registration information;
pop3.hlp	- the documentation in Windows help file format;
pop3.kwf	- keyword file for merging to Delphi master Help Index.

4. Installation

To install TPOP3 into your component palette, copy the following files:

pop3.dcu	
pop3.dcr	
msgutils.pas	
mailbase.dcu	*
mime.pas	*

into your *Delphi 2.0\Lib* directory, click *component/install*, then *add*, *browse* and select the file pop3.dcu, then click *OK* and TPOP3 component will appear in the *Internet* tab of your component palette.

If you already have TSMTP component, which also contains files, marked in the above list, you can overwrite the old versions, because as we mentioned, we are going to do our best not to make modifications in the common files.

5. Installing the Help File

You can use the help file included in this package separately, or merge its index to the Delphi master Help index file.

To merge your keyword file into the Delphi master Help index,

1 Make sure you have placed the file POP3.KWF along with the POP3.HLP file in the directory with the compiled unit that contains your TPOP3 component, which is POP3.DCU.

2 Run the HELPINST application. HELPINST is a Windows application installed with Delphi.

3. Within HELPINST open the file *\Delphi 2.0\Bin\Delphi.hdx*.

4. Click Add Keyword file and select POP3.KWF. Help file for TPOP3 will be merged with Delphi help.

6. About msgdcd.pas unit

msgdcd.pas unit is a part of the sample application, which is provided in this package. Full source code of this unit is included in the unregistered version. This unit allows you to decode the MIMEd messages, two types of MIME are supported: Base64 and Quoted-Printable. Usage of this decoder is very easy. Here is the code from the pop3main.pas unit:

```
with TMsgProcessor.Create(Self, MailMessage.Body) do
try
    ShowModal;
finally
    free;
end;
```

Where MailMessage.Body is the TStream object, containing the body of received message.

Though TPOP3 can receive messages of virtually unlimited size, TMsgProcessor has size limitations, the total number of lines in the mail message cannot be exceed MaxInt div 2.

7. Registration

Registered users will receive the full source code of TPOP3, including supplementary units, such as MIME and decoder, the right of the unlimited, royalty free usage of this component, technical support via Email, all upgrades, including handling of multipart messages and UUCode, bug fixes (if there are any)

CompuServe Users:

TSMTTP can be registered on CompuServe. Just GO SWREG, search for registration number 11104, and follow the instructions. Registration fee is just US\$16.95. Registered version, including full source code will be sent via CompuServe mail.

Credit Card Orders Only:

Credit card orders can be made from Public (software) Library, but it will cost you \$16.95 plus \$1.00 for shipping and handling to USA and Canada and \$2.00 to other countries.

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regform.doc

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9. Contact Information

TPOP3 component for Delphi, v. 1.3, 32 bit.

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