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bluetiger9 / **SmtpClient-for-Qt**

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An SMTP Client writen in C++ for Qt. Allows applications to send emails (MIME with text, html, attachments, inline files, etc.) via SMTP. Supports SSL and SMTP authentication. https://github.com/bluetiger9/SmtpClient-for-Qt/wiki

76 commits   4 branches   0 releases   2 contributors

branch: **master** ▾   **SmtpClient-for-Qt** / +

Merge pull request **#17** from LascauxSRL/master   ⋯

bluetiger9 authored on 21 Feb   latest commit 781fd408c3

demos	The structure of MimePart and its subclasses was modified. Now the	3 years ago
src	Merge pull request #17 from LascauxSRL/master	8 months ago
LICENSE	License changed to LGPL version 2.1	2 years ago
README.md	Version 1.1	2 years ago
SMTPEmail.pro	Added getter and setter for multi-part type in MimeMultiPart class.	2 years ago

<> **Code**

① **Issues**   17

⚡ **Pull Requests**   3

📖 **Wiki**

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📖 **README.md**

SMTP Client for Qt (C++) - Version 1.1

The SmtpClient for Qt is small library writen for Qt 4 (C++ version) that allows application to send complex emails (plain text, html, attachments, inline files, etc.) using the Simple Mail Transfer Protocol (SMTP).

New in version 1.1:

- TLS (STARTTLS) connection is now supported

- multiple types of recipients (to, cc, bcc)

- nested mime emails (mixed/alternative, mixed/related)

- output compilant with RFC2045

SMPT Client for Qt supports

- TCP and SSL connections to SMTP servers

- SMTP authentication (PLAIN and LOGIN methods)

- sending MIME emails (to multiple recipients)

- plain text and HTML (with inline files) content in emails

- multiple attachments and inline files (used in HTML)

- different character sets (ascii, utf-8, etc) and encoding methods (7bit, 8bit, base64)

- error handling

Examples

Lets see a simple example:

```cpp
#include <QtGui/QApplication>
#include "../src/SmtpMime"

int main(int argc, char *argv[])
{
    QApplication a(argc, argv);

    // This is a first demo application of the SmtpClient for Qt project

    // First we need to create an SmtpClient object
    // We will use the Gmail's smtp server (smtp.gmail.com, port 465, ssl)

    SmtpClient smtp("smtp.gmail.com", 465, SmtpClient::SslConnection);

    // We need to set the username (your email address) and the password
    // for smtp authentification.

    smtp.setUser("your_email_address@gmail.com");
    smtp.setPassword("your_password");

    // Now we create a MimeMessage object. This will be the email.

    MimeMessage message;

    message.setSender(new EmailAddress("your_email_address@gmail.com", "Your Name"));
    message.addRecipient(new EmailAddress("recipient@host.com", "Recipient's Name"));
    message.setSubject("SmtpClient for Qt - Demo");

    // Now add some text to the email.
    // First we create a MimeText object.

    MimeText text;

    text.setText("Hi,\nThis is a simple email message.\n");

    // Now add it to the mail

    message.addPart(&text);

    // Now we can send the mail

    smtp.connectToHost();
    smtp.login();
    smtp.sendMail(message);
    smtp.quit();

}
```

For more examples see the Wiki/Examples.

License

This project (all files including the demos/examples) is licensed under the GNU LGPL, version 2.1.

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