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▪ Chương 4: Truyền thông với Web server **2**

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header body



Application Layer**2-14**

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using System.Threading;

using System.Net;

using System.Net.Sockets;

using System.Text;

using System.IO;

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tcpclient = new TcpClient(); tcpclient.Connect("127.0.0.1", 25);

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StreamReader sr = new StreamReader(tcpclient.GetStream()); StreamWriter sw = new StreamWriter(tcpclient.GetStream());

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data = "EHLO teacher.nt106";

sw.WriteLine(data);

sw.Flush();

▪ 

data = "AUTH LOGIN";

sw.WriteLine(data);

sw.Flush();

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static public string EncodeTo64(string toEncode) {

byte[] toEncodeAsBytes =

System.Text.ASCIIEncoding.ASCII.GetBytes(toEncode);

string returnValue =

System.Convert.ToBase64String(toEncodeAsBytes); return returnValue;

}

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▪ string username = EncodeTo64(mailfrom); sw.WriteLine(username);

sw.Flush();

▪ sw.WriteLine(EncodeTo64(password));

sw.Flush();

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data = "MAIL FROM:<" + mailfrom + ">"; sw.WriteLine(data);

sw.Flush();

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data = "RCPT TO:<" + mailto + ">";

sw.WriteLine(data);

sw.Flush();

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data = "DATA";

sw.WriteLine(data);

sw.Flush();

▪ 

data = "Subject: " + Subject;

sw.WriteLine(data);

sw.Flush();

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data = "QUIT";

sw.WriteLine(data);

sw.Flush();

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private void sendEmail\_click(object sender, EventArgs e) {

using (SmtpClient smtpClient = new SmtpClient("127.0.0.1")) {

string mailfrom = txtMailFrom.Text.ToString().Trim(); string mailto = txtMailTo.Text.ToString().Trim(); string password = txtPass.Text.ToString().Trim(); var basicCredential = new NetworkCredential(mailfrom, password);

using (MailMessage message = new MailMessage())

{

MailAddress fromAddress = new MailAddress(mailfrom); smtpClient.UseDefaultCredentials = false;

smtpClient.Credentials = basicCredential;

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message.From = fromAddress;

message.Subject = txtSubject.Text.ToString().Trim() + " From SMTPClient";

// Set IsBodyHtml to true means you can send HTML email.

message.IsBodyHtml = true;

message.Body = rtbBody.Text.ToString();

message.To.Add(mailto);

try

{

smtpClient.Send(message);

}

catch (Exception ex)

{

MessageBox.Show(ex.ToString());

}

}

}

}

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****https://github.com/jstedfast/MailKit

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