

Nasosoft Mail for .NET



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Overview of Nasosoft Mail for .NET

Welcome to Nasosoft® Mail for .NET, included in the Nasosoft .NET Components Suite.

Nasosoft Mail for .NET supports most popular email network protocols which provides you the ability to send, receive and parse e-mail message with POP3, IMAP4, SMTP network protocols with .NET technology.

Nasosoft Mail for .NET is purely built on .NET technology and .NET frameworks. Your application doesn't depend on any COM+ interfaces or other native DLL.

This document provides a programming guide of Nasosoft Mail for .NET, with an emphasis on new and improved features.

Nasosoft Mail for .NET Features

Platforms

| Feature | Description |
|---------------------|---|
| .NET Framework v2.0 | Yes, Nasosoft Mail for .NET supports .NET Framework 2.0. |
| .NET Framework v3.0 | Yes, Nasosoft Mail for .NET supports .NET Framework 3.0. |
| .NET Framework v3.5 | Yes, Nasosoft Mail for .NET supports .NET Framework 3.5. |
| .NET Framework v4.0 | Yes, Nasosoft Mail for .NET supports .NET Framework 4.0. |
| Mono | Yes, Nasosoft Mail for .NET supports Mono on Windows and Linux. |

SMTP Protocol

| Feature | Description |
|--------------------------------------|-------------|
| Connect / Disconnect to SMTP Servers | Yes |
| Send E-mail Message | Yes |
| Send E-mail Messages Asynchronously | Yes |

| | |
|---------------------------------------|-----|
| Send Html E-mail Messages | Yes |
| Send Attachments with E-mail Messages | Yes |
| SSL Connection | Yes |
| Connect to Google Gmail Service | Yes |
| Connect to Microsoft Mail Service | Yes |
| Connect to Yahoo Mail Service | Yes |

POP3 Protocol

| Feature | Description |
|-----------------------------------|--------------------|
| List E-mail Messages | Yes |
| Receive E-mail messages | Yes |
| List E-mail Message Header | Yes |
| Delete E-mail Messages | Yes |
| Get mailbox information | Yes |
| SSL Connection | Yes |
| Connect to Gmail Service | Yes |
| Connect to Hotmail Service | Yes |
| Connect to Google Gmail Service | Yes |
| Connect to Microsoft Mail Service | Yes |
| Connect to Yahoo Mail Service | Yes |

IMAP4 Protocol

| Feature | Description |
|-----------------------------------|--------------------|
| List E-mail Messages | Yes |
| Receive E-mail Messages | Yes |
| Delete E-mail Messages | Yes |
| Append E-mail Messages | Yes |
| List folders | Yes |
| Select specified folder | Yes |
| SSL Connection | Yes |
| Connect to Google Gmail Service | Yes |
| Connect to Microsoft Pop3 Service | Yes |
| Connect to Yahoo Mail Service | Yes |

MIME

| Feature | Description |
|--------------------|--------------------|
| Parse .Eml files | Yes |
| Save to .Eml files | Yes |

Install Nasosoft Mail for .NET

System Requirements

Operating Systems

| Operating System | Description |
|--|--------------------|
| Microsoft Windows Server 2003 (x86 and x64) | Yes |
| Microsoft Windows Server 2003 R2 (x86 and x64) | Yes |

| | |
|--|-----|
| Microsoft Windows Server 2008 (x86 and x64) | Yes |
| Microsoft Windows Server 2008 R2 (x86 and x64) | Yes |
| Microsoft Windows Vista (x86 and x64) | Yes |
| Microsoft Windows 7 (x86 and x64) | Yes |
| Ubuntu | Yes |

Platforms

| Platforms | Description |
|------------------------------|-------------|
| Microsoft .NET Framework 2.0 | Yes |
| Microsoft .NET Framework 3.0 | Yes |
| Microsoft .NET Framework 3.5 | Yes |
| Microsoft .NET Framework 4.0 | Yes |
| Mono | Yes |

Development Tools / IDE

| Development Tools / IDE | Description |
|------------------------------|-------------|
| Microsoft Visual Studio 2005 | Yes |
| Microsoft Visual Studio 2008 | Yes |
| Microsoft Visual Studio 2010 | Yes |
| Borland C# Builder | Yes |
| Mono Develop | Yes |
| Sharp Develop | Yes |

Install and Uninstall Nasosoft Mail for .NET

Nasosoft Mail for .NET is distributed as a MSI installer. You can use the installer to install and uninstall the components. The installer performs following tasks:

- Copies the Nasosoft.Networks.Mail.dll
- Copies the sample projects with source code
- Install the API documentation and programming guide.

Deploy Nasosoft Mail for .NET

Nasosoft Mail for .NET supports XCOPY deployment like other typical .NET components. You can simply copy the Nasosoft assemblies to your application bin folder.

Getting Started with Nasosoft Mail for .NET

This section contains basic background information that will help you understand and build your first spreadsheet application with Nasosoft Mail for .NET.

Download and Evaluate Nasosoft Mail for .NET

Nasosoft Mail for .NET is provided as part of the Nasosoft .NET Components Suite, which is a collection of all the .NET components package from Nasosoft Ltd. Download and install the Nasosoft .NET Components Suite.

Note Before you install Nasosoft .NET Components Suite, you need to install .NET Framework 2.0 or later version, which you can download at Microsoft Download Center.

The evaluation copy of the Nasosoft Mail for .NET provides fully functions with watermarks injection.

Build your First App with Nasosoft Mail for .NET

Below tutorial walks-through how to create, build and run your first E-mail application using C#.

Please follow the step by step tutorial to create the unzip application:

1. Create a new instance of ***SmtplibClient*** class.
2. Set the server information, like server name, port, user name, and password.
3. Send email message with ***Send*** function

Code Example:

[C#]

```
SmtplibClient smtpClient = new SmtplibClient();  
smtpClient.Host = "smtp.gmail.com";  
smtpClient.Port = 587;  
smtpClient.Username = "from@gmail.com";  
smtpClient.Password = "password";  
smtpClient.Send("from@gmail.com", "to@gmail.com", "Hello", "Hello, John");
```

[VB.NET]

```
Dim smtpClient As New SmtplibClient();  
smtpClient.Host = "smtp.gmail.com"  
smtpClient.Port = 587  
smtpClient.Username = "from@gmail.com"  
smtpClient.Password = "password"  
smtpClient.Send("from@gmail.com", "to@gmail.com", "Hello", "Hello, John")
```

Explore and Study Code Samples

The code samples for Nasosoft Mail for .NET are included in the MSI setup package. You can explore and build the code sample easily.

How to Get Answers and Technical Support

Ask Your Questions on Forum

We have product forums for technical support and discussion. Our developers and technical support engineers are responsive to reply the posts on the forums. If you have any questions about Nasosoft Mail for .NET, please feel free to post your questions or concerns on our forums. We will get back to your timely.

Note You need to register an account on our website in order to get the permission to submit your questions.

Get FREE Technical Email Support

We also provide FREE Email support service to our customers. If you have any questions about Nasosoft Mail for .NET, please feel free to email your questions or concerns to sales@nasosoft.com.

This service is totally FREE. It is available to all our product users and customers. You don't need to pay for it. You don't need to purchase any of our products. If you are using Nasosoft products, feel free to submit your problems in emails to sales@nasosoft.com.

Request Demo or Code Samples for FREE

We understand that people have different and variable product scenarios for spreadsheet programming. Our code samples and demo cannot cover all the possible product scenarios. Therefore, we are more than glad to help our customers to create demos or code samples. Please feel free to submit your specific product scenarios or requirements on our forums or by email (sales@nasosoft.com). Our developers and support engineers will develop the demo and code samples for your reference.

Request 30 Days FREE Trial License

Nasosoft .NET Components come with advanced, professional, feature-rich controls for C# and VB.NET. Start to get FREE evaluation in this section. You can get 30 days Trial License for free by submitting your request by email (sales@nasosoft.com). Our sales will get back to you within 2 business days.

30 Days Money Back Guarantee

If for any reason you do not find our products suitable, we offer a 30-day, unconditional money-back guarantee. You can get your money back for any reason within 30 days from the date of shipment.

For details about how to refund, please feel free to send email to sales@nasosoft.com.

Working with MailMessage

This section contains several topics about how to use the MailMessage class to create and generate e-mail messages.

Create an E-mail Message using MailMessage

Create a Plain Text E-mail Message

Code Example:

[C#]

```
MailMessage message = new MailMessage();  
message.From = "michael@gmail.com";  
message.To = "tom@gmail.com";  
message.Subject = "Hello";  
message.TextBody = "Hello, Tom!";
```

[VB.NET]

```
Dim message As New MailMessage()  
message.From = "michael@gmail.com"  
message.To = "tom@gmail.com"  
message.Subject = "Hello"  
message.TextBody = "Hello, Tom!"
```

Create an Html E-mail Message

Code Example:

[C#]

```
MailMessage message = new MailMessage();  
message.From = "michael@gmail.com";  
message.To = "tom@gmail.com";  
message.Subject = "Hello";  
message.HtmlBody = "<h1>Hello, Tom!</h>";
```

[VB.NET]

```
Dim message As New MailMessage()  
message.From = "michael@gmail.com"  
message.To = "tom@gmail.com"  
message.Subject = "Hello"  
message.TextBody = "<h1>Hello, Tom!</h>"
```

Send an E-mail Message using MailMessage and Smtplib

Send an E-mail Message using Smtplib

```
[C#]

//create an e-mail message
MailMessage message = new MailMessage();
message.From = "michael@gmail.com";
message.To = "tom@gmail.com";
message.Subject = "Hello";
message.HtmlBody = "<h1>Hello, Tom!</h1>";

//Create a Smtplib object with specified server name, port
Smtplib smtpClient = new Smtplib("smtp.google.com", 587);
smtpClient.UserName = "michael@gmail.com";
smtpClient.Password = "tom@gmail.com";
smtpClient.EnableSsl = true;

smtpClient.Send(message);
```

```
[VB.NET]

' Create an e-mail message
Dim message As New MailMessage()
message.From = "michael@gmail.com"
message.To = "tom@gmail.com"
message.Subject = "Hello"
message.TextBody = <h1>Hello, Tom!</h1>

' Create a Smtplib object with specified server name, port
Dim smtpClient As New Smtplib("smtp.google.com", 587)
smtpClient.UserName = "michael@gmail.com"
smtpClient.Password = "tom@gmail.com"
smtpClient.EnableSsl = True

smtpClient.Send(message)
```

Parse EML files using MailMessage

Parse a .Eml file using MailMessage

```
[C#]

//create an e-mail message
MailMessage message = new MailMessage();

//load the specified .eml file
message.Load("hello.eml");

//over write the from and to fields
message.From = "michael@gmail.com";
message.To = "tom@gmail.com";
message.Subject = "Hello";

//re-send the message using smtpclient
SmtpClient smtpClient = new SmtpClient("smtp.google.com", 587);
smtpClient.UserName = "michael@gmail.com";
smtpClient.Password = "tom@gmail.com";
smtpClient.EnableSsl = true;

smtpClient.Send(message);
```

```
[VB.NET]

' Create an e-mail message
Dim message As New MailMessage()
message.From = "michael@gmail.com"
message.To = "tom@gmail.com"
message.Subject = "Hello"
message.TextBody = <h1>Hello, Tom!</h>

' Create a SmtpClient object with specified server name, port
Dim smtpClient As New SmtpClient("smtp.google.com", 587)
smtpClient.UserName = "myusername"
smtpClient.Password = "mypassword"

smtpClient.EnableSsl = True

smtpClient.Send(message)
```

Save an E-mail Message to a .Eml file

```
[C#]

//create an e-mail message
MailMessage message = new MailMessage();

//load the specified .eml file
message.Load("hello.eml");

//over write the from and to fields
message.From = "michael@gmail.com";
```

```
message.To = "tom@gmail.com";  
message.Subject = "Hello";  
  
message.Save("modified.eml");
```

```
[VB.NET]  
  
//create an e-mail message  
Dim message As New MailMessage()  
//load the specified .eml file  
message.Load("hello.eml")  
  
//over write the from and to fields  
message.From = "michael@gmail.com"  
message.To = "tom@gmail.com"  
message.Subject = "Hello"  
  
message.Save("modified.eml")
```

Working with SmtpClient

This section contains several topics about how to send e-mail messages using SmtpClient class.

Create a SmtpClient Instance

Create a SmtpClient Instance with Specified Server

Code Example:

```
[C#]  
  
//Create a SmtpClient object with specified server name, port  
SmtpClient smtpClient= new SmtpClient("smtp.myserver.com", 25);  
smtpClient.UserName = "myusername";  
smtpClient.Password = "mypassword";
```

```
[VB.NET]  
  
'Create a SmtpClient object with specified server name, port  
Dim smtpClient As New SmtpClient("smtp.myserver.com", 25)  
smtpClient.UserName = "myusername"  
smtpClient.Password = "mypassword"
```

Create a SmtpClient Instance and Enable SSL Connection

Code Example:

```
[C#]
//Create a SmtplibClient object with specified server name, port
SmtplibClient smtpClient = new SmtplibClient("smtp.google.com", 587);
smtpClient.UserName = "myusername";
smtpClient.Password = "mypassword";

smtpClient.EnableSsl = true;
```

```
[VB.NET]
' Create a SmtplibClient object with specified server name, port
Dim smtpClient As New SmtplibClient("smtp.google.com", 587)
smtpClient.UserName = "myusername"
smtpClient.Password = "mypassword"

smtpClient.EnableSsl = True
```

Create a SmtplibClient using Predefined Hotmail Configuration

Code Example:

```
[C#]
//Create a SmtplibClient object with specified server name, port
OutlookSmtplibClient smtpClient = new OutlookSmtplibClient();
smtpClient.UserName = "myhotmail@hotmail.com";
smtpClient.Password = "mypassword";
```

```
[VB.NET]
'Create an SmtplibClient object with specified server name, port
Dim smtpClient As New OutlookSmtplibClient()
smtpClient.UserName = "myhotmail@hotmail.com"
smtpClient.Password = "mypassword"
```

Create a SmtplibClient using Predefined Gmail Configuration

Code Example:

```
[C#]
//Create a SmtplibClient object with specified server name, port
SmtplibClient smtpClient = new GmailSmtplibClient();
smtpClient.UserName = "myhotmail@gmail.com";
smtpClient.Password = "mypassword";
```


[VB.NET]

```
'Create a SmtplibClient object with specified server name, port  
Dim smtpClient As New GmailSmtplibClient()  
smtpClient.UserName = "mygmail@gmail.com"  
smtpClient.Password = "mypassword"
```

Send an E-mail Message

Send an E-mail Message

[C#]

```
//Create a SmtplibClient object with specified server name, port
SmtplibClient smtpClient = new SmtplibClient("smtp.google.com", 587);
smtpClient.UserName = "from@gmail.com";
smtpClient.Password = "mypassword";

smtpClient.EnableSsl = true;

smtpClient.Send("from@gmail.com","to@gmail.com","Hello","Hello, Jonh!");
```

[VB.NET]

```
' Create a SmtplibClient object with specified server name, port
Dim smtpClient As New SmtplibClient("smtp.google.com", 587)
smtpClient.UserName = "myusername"
smtpClient.Password = "mypassword"

smtpClient.EnableSsl = True

smtpClient.Send("from@gmail.com","to@gmail.com","Hello","Hello, Jonh!")
```

Send an E-mail Message with MailMessage

[C#]

```
//Create a SmtplibClient object with specified server name, port
SmtplibClient smtpClient = new SmtplibClient("smtp.google.com", 587);
smtpClient.UserName = "from@gmail.com";
smtpClient.Password = "mypassword";

smtpClient.EnableSsl = true;

MailMessage message = new MailMessage();
message.Subject = "Hello";
message.From = "from@gmail.com";
message.To = "To@gmail.com";
message.TextBody = "Hello, Jonh!";

smtpClient.Send(message);
```

[VB.NET]

```
'Create a SmtplibClient object with specified server name, port
SmtplibClient smtpClient = new SmtplibClient("smtp.google.com", 587)
smtpClient.UserName = "from@gmail.com"
smtpClient.Password = "mypassword"

smtpClient.EnableSsl = true

Dim message As MailMessage = new MailMessage()
message.Subject = "Hello"
message.From = "from@gmail.com"
message.To = "To@gmail.com"
message.TextBody = "Hello, Jonh!"

smtpClient.Send(message)
```

Send an E-mail Message Asynchronously

Send an E-mail Message using SendAsync Function

[C#]

```
//Create a SmtpClient object with specified server name, port
SmtpClient smtpClient = new SmtpClient("smtp.google.com", 587);
smtpClient.UserName = "from@gmail.com";
smtpClient.Password = "mypassword";

smtpClient.EnableSsl = true;

smtpClient.SendAsync("from@gmail.com","to@gmail.com","Hello","Hello, Jonh!");
```

[VB.NET]

```
' Create a SmtpClient object with specified server name, port
Dim smtpClient As New SmtpClient("smtp.google.com", 587)
smtpClient.UserName = "myusername"
smtpClient.Password = "mypassword"

smtpClient.EnableSsl = True

smtpClient.SendAsync("from@gmail.com","to@gmail.com","Hello","Hello, Jonh!")
```

Working with Pop3Client

This section contains several topics about how to manage e-mail messages using Pop3Client.

Create a Pop3Client Instance

Create a Pop3Client Instance with Specified Server

Code Example:

```
[C#]

//Create a Pop3Client object with specified server name
Pop3Client pop3Client= new Pop3Client("pop3.myserver.com");
pop3Client.UserName = "myusername";
pop3Client.Password = "mypassword";
```

```
[VB.NET]

'Create a Pop3Client object with specified server name
Dim pop3Client As New Pop3Client ("pop3.myserver.com")
pop3Client.UserName = "myusername"
pop3Client.Password = "mypassword"
```

Create a Pop3Client and Enable SSL Connection

Code Example:

```
[C#]

//Create a Pop3Client object with specified server name, port
Pop3Client pop3Client = new Pop3Client ("pop.google.com", 995);
pop3Client.UserName = "myusername";
pop3Client.Password = "mypassword";

pop3Client.EnableSsl = true;
```

```
[VB.NET]

' Create a Pop3Client object with specified server name, port
Dim pop3Client As New Pop3Client ("pop.google.com", 995)
pop3Client.UserName = "myusername"
pop3Client.Password = "mypassword"
```

```
pop3Client.EnableSsl = True
```

Create a Pop3Client using Predefined Hotmail Configuration

Code Example:

```
[C#]
```

```
//Create a Pop3Client object using predefined Hotmail configuration  
OutlookPop3Client pop3Client = new OutlookPop3Client ();  
pop3Client.UserName = "myhotmail@hotmail.com";  
pop3Client.Password = "mypassword";
```

```
[VB.NET]
```

```
'Create a Pop3Client object using predefined Hotmail configuration  
Dim pop3Client As New OutlookPop3Client()  
pop3Client.UserName = "myhotmail@hotmail.com"  
pop3Client.Password = "mypassword"
```

Create a Pop3Client using Predefined Gmail Configuration

Code Example:

```
[C#]
```

```
//Create a Pop3Client object using predefined Hotmail configuration  
Pop3Client pop3Client = new GmailPop3Client ();  
pop3Client.UserName = "myhotmail@gmail.com";  
pop3Client.Password = "mypassword";
```

```
[VB.NET]
```

```
'Create a Pop3Client object using predefined Hotmail configuration  
Dim pop3Client As New GmailPop3Client()  
pop3Client.UserName = "mygmail@gmail.com"  
pop3Client.Password = "mypassword"
```

List E-mail Messages

List All E-mail Messages

[C#]

```
//Create a Pop3Client object with specified server name, port
Pop3Client pop3Client= new Pop3Client("pop.google.com", 995);
pop3Client.UserName = "myusername";
pop3Client.Password = "mypassword";

pop3Client.EnableSsl = true;

var messages = pop3Client.ListMessages();
foreach(var message in messages)
{
    System.Console.WriteLine(message.Subject);
}
```

[VB.NET]

```
Dim pop3Client As New Imap4Client ("pop.google.com", 995)
pop3Client.UserName = "myusername"
pop3Client.Password = "mypassword"

pop3Client.EnableSsl = True
```

```
Dim messages As Pop3MessageCollection = pop3Client.ListMessages()
Dim message As Pop3Message
For Each message In messages
    System.Console.WriteLine(message.Subject)
Next
```

List an E-mail Message by Specified Sequence Number

[C#]

```
//Create a Pop3Client object with specified server name, port
Pop3Client pop3Client= new Pop3Client ("pop.google.com", 995);
pop3Client.UserName = "myusername";
pop3Client.Password = "mypassword";

pop3Client.EnableSsl = true;

var messages = pop3Client.ListMessage(1);

System.Console.WriteLine(message.Subject);
```

[VB.NET]

```
Dim pop3Client As New Pop3Client ("pop.google.com", 995)
pop3Client.UserName = "myusername"
pop3Client.Password = "mypassword"
pop3Client.EnableSsl = True
```



```
Dim message As ImapMessage= pop3Client.ListMessage(1)
System.Console.WriteLine(message.Subject)
```

Download E-mail Messages

Download All E-mail Messages

[C#]

```
//Create a Pop3Client object with specified server name, port
Pop3Client pop3Client= new Pop3Client("pop.google.com", 995);
pop3Client.UserName = "myusername";
pop3Client.Password = "mypassword";

pop3Client.EnableSsl = true;

var messages = pop3Client.ListMessages(Pop3ListFields.SequenceNumber);
foreach(var message in messages)
{
    pop3Client.SaveMessage(message.SequenceNumber, message.SequenceNumber.ToString()+".eml");
}
```

[VB.NET]

```
Dim pop3Client As New Pop3Client ("pop.google.com", 995)
pop3Client.UserName = "myusername"
pop3Client.Password = "mypassword"
pop3Client.EnableSsl = True
```

```
Dim messages As Pop3MessageCollection
    = pop3Client.ListMessages(Pop3ListFields.SequenceNumber);
Dim message As Pop3Message
For Each message In messages
    pop3Client.SaveMessage(message.SequenceNumber, message.SequenceNumber.ToString()+".eml")
Next
```

Download an E-mail Message with Specified Sequence Number

[C#]

```
//Create a Pop3Client object with specified server name, port
Pop3Client pop3Client= new Pop3Client("pop.google.com", 995);
pop3Client.UserName = "myusername";
pop3Client.Password = "mypassword";

pop3Client.EnableSsl = true;

pop3Client.SaveMessage(1, "1.eml");
```

[VB.NET]

```
Dim pop3Client As New Pop3Client("pop.google.com", 995)
pop3Client.UserName = "myusername"
pop3Client.Password = "mypassword"

pop3Client.EnableSsl = True
```

```
pop3Client.SaveMessage(1,"1.eml")
```

Delete E-mail Messages

Delete an E-mail Message with Specified Sequence Number

[C#]

```
//Create a Pop3Client object with specified server name, port
Pop3Client pop3Client= new Pop3Client("pop.google.com", 995);
pop3Client.UserName = "myusername";
pop3Client.Password = "mypassword";

pop3Client.EnableSsl = true;

var messages = pop3Client.ListMessages(Pop3ListFields.SequenceNumber);
foreach(var message in messages)
{
    pop3Client.DeleteMessage(message.SequenceNumber);
}
```

[VB.NET]

```
Dim pop3Client As New Pop3Client("pop.google.com", 995)
pop3Client.UserName = "myusername"
pop3Client.Password = "mypassword"

pop3Client.EnableSsl = True
```

```
Dim messages As Pop3MessageCollection
    = pop3Client.ListMessages(Pop3ListFields.SequenceNumber);
For Each message In messages
    pop3Client.DeleteMessage(message.SequenceNumber)
Next
```

Working with Imap4Client

This section contains several topics about how to receive, delete, and append e-mail messages with the Imap4Client class.

Create an Imap4Client Instance

Create an Imap4Client with Specified Server Name, Port

Code Example:

[C#]

```
//Create an Imap4Client object with specified server name, port
Imap4Client imap4Client= new Imap4Client("imap.google.com", 993);
Imap4Client.UserName = "myusername";
Imap4Client.Password = "mypassword";
```

[VB.NET]

```
'Create an Imap4Client object with specified server name, port
Dim Imap4Client As New Imap4Client ("imap.google.com", 993)
Imap4Client.UserName = "myusername"
Imap4Client.Password = "mypassword"
```

Create an Imap4Client and Enable SSL connection

Code Example:

[C#]

```
//Create an Imap4Client object with specified server name, port
Imap4Client Imap4Client= new Imap4Client("imap.google.com", 993);
Imap4Client.UserName = "myusername";
Imap4Client.Password = "mypassword";

Imap4Client.EnableSsl = true;
```

```
[VB.NET]
' Create an Imap4Client object with specified server name, port
Dim Imap4Client As New Imap4Client ("imap.google.com", 993)
Imap4Client.UserName = "myusername"
Imap4Client.Password = "mypassword"
Imap4Client.EnableSsl = True
```

Create an Imap4Client using Predefined Gmail Configuration

Code Example:

```
[C#]
//Create an Imap4Client object with specified server name, port
Imap4Client Imap4Client= new GmailImap4Client();
Imap4Client.UserName = "mygmail@gmail.com"
Imap4Client.Password = "mypassword"
```

```
[VB.NET]
' Create an Imap4Client object with specified server name, port
Dim Imap4Client As New GmailImap4Client()
Imap4Client.UserName = "mygmail@gmail.com"
Imap4Client.Password = "mypassword"
```

List E-mail Messages

List All E-mail Messages in Selected Folder

[C#]

```
//Create an Imap4Client object with specified server name, port
Imap4Client Imap4Client= new Imap4Client("imap.google.com", 993);
Imap4Client.UserName = "myusername";
Imap4Client.Password = "mypassword";

Imap4Client.EnableSsl = true;

Imap4Client.SelectFolder("Inbox");

var messages = Imap4Client.ListMessages();
foreach(var message in messages)
{
    System.Console.WriteLine(message.Subject);
}
```

[VB.NET]

```
Dim Imap4Client As New Imap4Client ("imap.google.com", 993)
Imap4Client.UserName = "myusername"
Imap4Client.Password = "mypassword"

Imap4Client.EnableSsl = True
Imap4Client.SelectFolder("Inbox")

Dim messages As ImapMessageCollection = Imap4Client.ListMessages()

For Each message In messages
    System.Console.WriteLine(message.Subject)
Next
```

List an E-mail Message by Specified Sequence Number

[C#]

```
//Create an Imap4Client object with specified server name, port
Imap4Client Imap4Client= new Imap4Client("imap.google.com", 993);
Imap4Client.UserName = "myusername";
Imap4Client.Password = "mypassword";

Imap4Client.EnableSsl = true;

Imap4Client.SelectFolder("Inbox");

var messages = Imap4Client.ListMessage(1);

System.Console.WriteLine(message.Subject);
```

[VB.NET]

```
Dim Imap4Client As New Imap4Client ("imap.google.com", 993)
Imap4Client.UserName = "myusername"
Imap4Client.Password = "mypassword"

Imap4Client.EnableSsl = True
Imap4Client.SelectFolder("Inbox")

Dim message As ImapMessage= Imap4Client.ListMessage(1)

System.Console.WriteLine(message.Subject)
```

Download E-mail Messages

Download All E-mail Messages

[C#]

```
//Create an Imap4Client object with specified server name, port
Imap4Client Imap4Client= new Imap4Client("imap.google.com", 993);
Imap4Client.UserName = "myusername";
Imap4Client.Password = "mypassword";

Imap4Client.EnableSsl = true;

Imap4Client.SelectFolder("Inbox");

var messages = Imap4Client.ListMessages();
foreach (var message in messages)
{
    Imap4Client.SaveMessage (message.SequenceNumber, message.SequenceNumber.ToString()+".eml");
}
```

[VB.NET]

```
Dim Imap4Client As New Imap4Client ("imap.google.com", 993)
Imap4Client.UserName = "myusername"
Imap4Client.Password = "mypassword"

Imap4Client.EnableSsl = True
Imap4Client.SelectFolder("Inbox")

Dim messages As ImapMessageCollection = Imap4Client.ListMessages()
Dim message As ImapMessage
For Each message In messages
    Imap4Client.SaveMessage (message.SequenceNumber, message.SequenceNumber.ToString()+".eml")
Next
```


Download an E-mail Message by Specified Sequence Number

[C#]

```
//Create an Imap4Client object with specified server name, port
Imap4Client Imap4Client= new Imap4Client("imap.google.com", 993);
Imap4Client.UserName = "myusername";
Imap4Client.Password = "mypassword";

Imap4Client.EnableSsl = true;

Imap4Client.SelectFolder("Inbox");

Imap4Client.SaveMessage(1,"1.eml");
```

[VB.NET]

```
Dim Imap4Client As New Imap4Client ("imap.google.com", 993)
Imap4Client.UserName = "myusername"
Imap4Client.Password = "mypassword"

Imap4Client.EnableSsl = True
Imap4Client.SelectFolder("Inbox")
Imap4Client.SaveMessage(1,"1.eml")
```

Delete E-mail Messages

Delete an E-mail Message by Specified Sequence Number

[C#]

```
//Create an Imap4Client object with specified server name, port
Imap4Client Imap4Client= new Imap4Client("imap.google.com", 993);
Imap4Client.UserName = "myusername";
Imap4Client.Password = "mypassword";

Imap4Client.EnableSsl = true;

Imap4Client.SelectFolder("Inbox");

Imap4Client.DeleteMessage(1);
```

[VB.NET]

```
Dim Imap4Client As New Imap4Client ("imap.google.com", 993)
Imap4Client.UserName = "myusername"
Imap4Client.Password = "mypassword"

Imap4Client.EnableSsl = True
Imap4Client.SelectFolder("Inbox")
Imap4Client.DeleteMessage (1)
```

Resources

For more information about Nasosoft Mail for .NET, please visit www.nasosoft.com.