

NetFix EZ S3 Upload (Microsoft .NET)



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“<http://www.netfixllc.com>” website.

NETFIXLLC

Online Solutions Experts

Description:

NetFix EZ S3 Upload is very easy to integrate into your existing .NET web projects. Just add NetFixEZS3Upload.dll into your project and call UploadToAmazonS3 method and pass some key values like public and secret key and bucket name form Amazon web services account. That's it!

Features

- *Easy to add into your existing .NET Application (Web or Windows)*
- *Just add the NetFix S3 Easy Upload dll file reference into your .Net project*
- *Assign your key properties in Web.Config or App.Config*
- *To Upload call function "UploadToAmazonS3"*
- *To Delete call function "DeleteToAmazonS3"*

That's it!

Video Demo:

<http://www.youtube.com/watch?v=tJ4RimuxCtk>

Minimum Requirement

Must have installed:

Microsoft .NET Framework 3.5

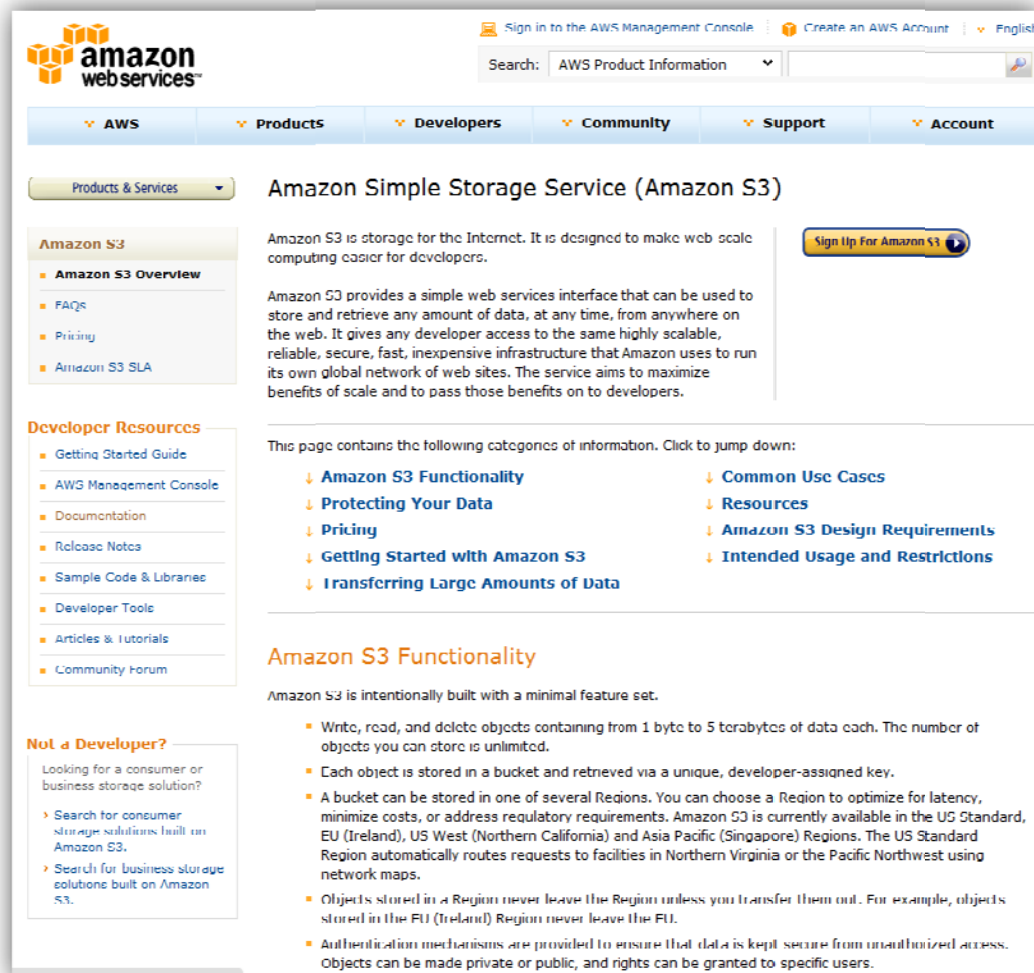
Visual Studio 2010 or 2008

To run sample project you must have a valid license key:

Amazon Public Key and Secret Key

You must have valid Amazon Public Key and Secret Key for your S3 account.

If you don't have one you can get on from: <http://aws.amazon.com/s3/>



Above figure shows Amazon Web Services (website) Login:

How to add NetFix EZ S3 Upload into your web application.

1. Extract all files in the "NetFixEZS3Upload.zip" in a folder "NetFixEZS3Upload" on your desktop.
2. Copy "dlls" folder from sample project into your .net project

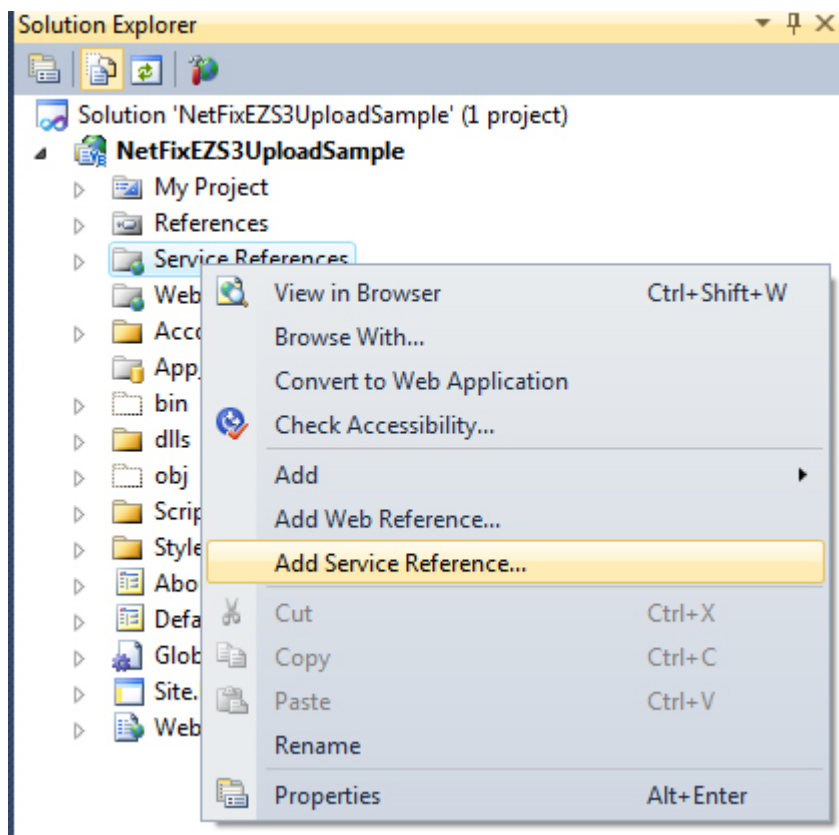
3. Add Reference into your project for NetFixEZS3Upload.dll found in "dlls" folder.

4. Add Service Reference as shown below.

Service URL:

<http://netfixregistrationservice.cloudapp.net/RegistrationService.svc>

Make sure you save as Name: WindowsAzureNetFixRegistrationService



Add Service Reference



To see a list of available services on a specific server, enter a service URL and click Go. To browse for available services, click Discover.

Address:


<http://netfixregistrationservice.cloudapp.net/RegistrationService.svc>

Go

Discover

Services:

Operations:

 RegistrationService

Select a service contract to view its operations.

1 service(s) found at address 'http://netfixregistrationservice.cloudapp.net/RegistrationService.svc'.

Namespace:

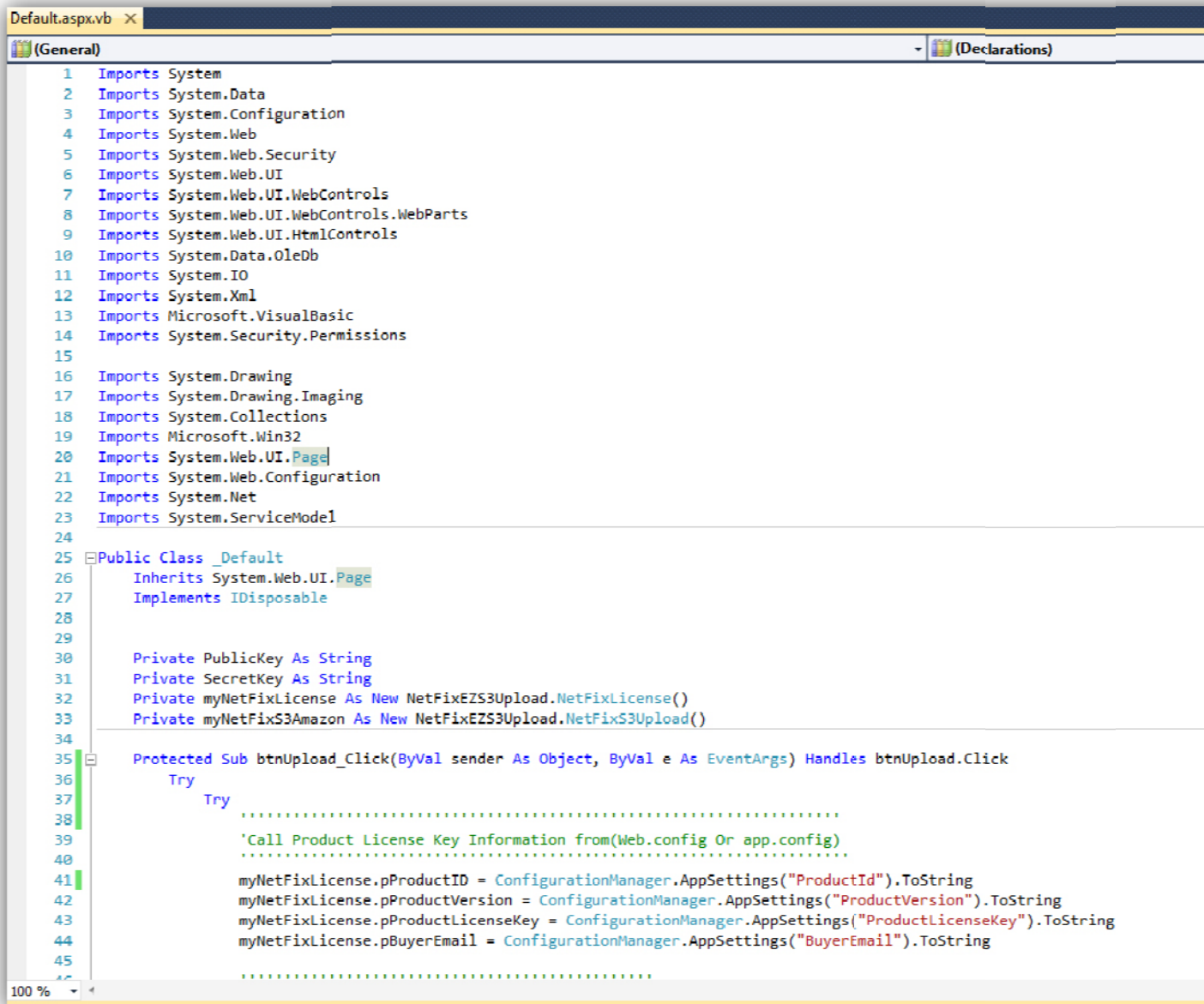
WindowsAzureNetFixRegistrationService

Advanced...

OK

Cancel

5. Copy and paste code from sample Default.aspx.vb file from “btnUpload_Click” as shown below. Complete Sample code is already provided in sample project.



```
1 Imports System
2 Imports System.Data
3 Imports System.Configuration
4 Imports System.Web
5 Imports System.Web.Security
6 Imports System.Web.UI
7 Imports System.Web.UI.WebControls
8 Imports System.Web.UI.WebControls.WebParts
9 Imports System.Web.UI.HtmlControls
10 Imports System.Data.OleDb
11 Imports System.IO
12 Imports System.Xml
13 Imports Microsoft.VisualBasic
14 Imports System.Security.Permissions
15
16 Imports System.Drawing
17 Imports System.Drawing.Imaging
18 Imports System.Collections
19 Imports Microsoft.Win32
20 Imports System.Web.UI.Page
21 Imports System.Web.Configuration
22 Imports System.Net
23 Imports System.ServiceModel
24
25 Public Class _Default
26     Inherits System.Web.UI.Page
27     Implements IDisposable
28
29
30     Private PublicKey As String
31     Private SecretKey As String
32     Private myNetFixLicense As New NetFixEZS3Upload.NetFixLicense()
33     Private myNetFixS3Amazon As New NetFixEZS3Upload.NetFixS3Upload()
34
35     Protected Sub btnUpload_Click(ByVal sender As Object, ByVal e As EventArgs) Handles btnUpload.Click
36         Try
37             Try
38                 .....
39                 'Call Product License Key Information from(Web.config Or app.config)
40                 .....
41                 myNetFixLicense.pProductID = ConfigurationManager.AppSettings("ProductId").ToString
42                 myNetFixLicense.pProductVersion = ConfigurationManager.AppSettings("ProductVersion").ToString
43                 myNetFixLicense.pProductLicenseKey = ConfigurationManager.AppSettings("ProductLicenseKey").ToString
44                 myNetFixLicense.pBuyerEmail = ConfigurationManager.AppSettings("BuyerEmail").ToString
45                 .....
46             End Try
47         End Try
48     End Sub
49 End Class
```

```
btnUpload Click
46 .....
47 'Create local File Upload Control
48 .....
49 Dim FileName As String = FileUpload1.FileName
50
51 .....
52 'Save upload files in local temp directory
53 .....
54 FileUpload1.SaveAs(ConfigurationManager.AppSettings("TempDirectoryName").ToString & System.IO.Path.GetFileName(FileName)
55 .....
56 .....
57 'Uplaod to S3 on Amazon
58 .....
59 myNetFixS3Amazon.pPublicKey = ConfigurationManager.AppSettings("AmazonPublicKey").ToString
60 myNetFixS3Amazon.pSecretKey = ConfigurationManager.AppSettings("AmazonSecretKey").ToString
61 myNetFixS3Amazon.pBucketName = ConfigurationManager.AppSettings("AmazonBucketName").ToString
62 myNetFixS3Amazon.pFileUpload1 = FileUpload1
63 myNetFixS3Amazon.pDirectoryName = ConfigurationManager.AppSettings("TempDirectoryName").ToString
64 myNetFixS3Amazon.pFileName = FileName
65 myNetFixS3Amazon.pMyNetFixLicense = myNetFixLicense
66 .....
67 .....
68 'UNCOMMENT THIS TO UPLOAD FILE
69 .....
70 'Call UploadToAmazonS3 - this upload file from Amazon S3
71 myNetFixS3Amazon = myNetFixS3Amazon.UploadToAmazonS3(myNetFixS3Amazon)
72
73 If myNetFixLicense.pMessage = "False" Then
74     lblMessage.Text = "Error Uploading. Please Try again."
75 Else
76     lblMessage.Text = "Thank You for using NetFix EZ S3 Amazon --- File Uploaded Sucessfully! on Amazon S3"
77 End If
78 .....
79 .....
80 'UNCOMMENT THIS TO DELETE FILE
81 .....
82 'Call deleteToAmazonS3 - this delete file from Amazon S3
83 myNetFixS3Amazon = myNetFixS3Amazon.DeleteToAmazonS3(myNetFixS3Amazon)
84
85 'If myNetFixLicense.pMessage = "False" Then
86     lblMessage.Text = "Error Deleting. Please Try again."
87 Else
88     lblMessage.Text = "Thank You for using NetFix EZ S3 Amazon --- File Deleted Sucessfully! on Amazon S3"
89 End If
90
91 .....
100 %
```

6. Right above "<connectionStrings>" in your web.config file copy and paste <appSettings> as shown below .

```

14
15 <appSettings>
16   <add key="ProductId" value="Type Your Product ID Here"/>
17   <add key="ProductVersion" value="Type Your Product Version Here"/>
18   <add key="ProductLicenseKey" value="Type Your License Key Here"/>
19   <add key="BuyerEmail" value="Type Your Email Here (must be the email you used to purchase the product)"/>
20
21   <add key="AmazonPublicKey" value="Type Amazon Public Key Here"/>
22   <add key="AmazonSecretKey" value="Type Amazon Secret Key Here"/>
23   <add key="AmazonBucketName" value="Type Amazon Bucket Name Here"/>
24   <add key="TempDirectoryName" value="Type Your Temp Folder Path Here (c:\temp)" />
25 </appSettings>
26
27 <connectionStrings>

```

Next replace Amazon Public Key, Amazon Secret Key with yours Amazon's keys.

Add Temp Directory Name for example: c:\temp

Replace your Amazon Bucket Key Name for example: media.yourcompany.com

7. IMPORTANT NOTE:

Make sure you have a valid license from NetFix, LLC.

If you don't have a valid license key visit NetFix, LLC website.

<http://www.netfixllc.com/Pages/CompanyRegistration.aspx>

This component required that you must have valid license key.

Existing user can login and access their license key.

New user must register before they can access their license key.

Once you are logged in click on:

[Click Here to Activate / Renew Your Product License](#)

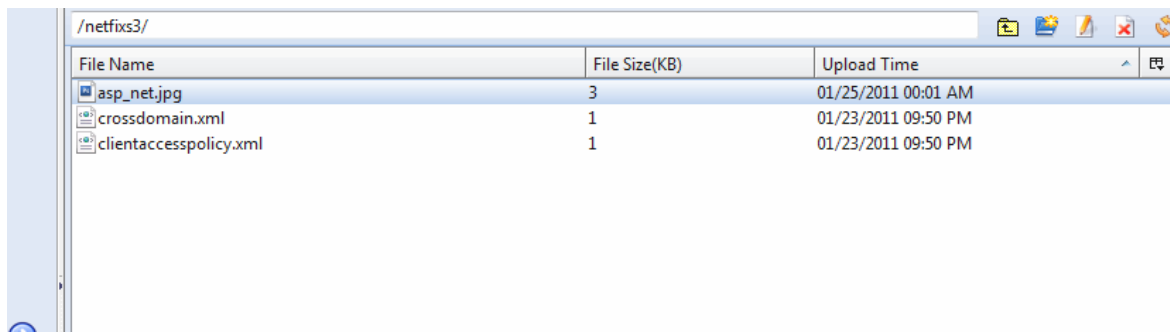
8. Enter your NetFix registration key from here and enter into your web.config as shown below.

Product ID
Product Version
Product License Key
Buyer Email

That's It!

9. Run the sample code and check your file in your S3 Amazon folder.

Login into your S3 account and see the file you just upload to your S3 account.



File Name	File Size(KB)	Upload Time
asp_net.jpg	3	01/25/2011 00:01 AM
crossdomain.xml	1	01/23/2011 09:50 PM
clientaccesspolicy.xml	1	01/23/2011 09:50 PM

Thank You for using NetFix EZ S3 Upload for .NET.

For any questions please email at: support@netfixllc.com