DotNetGallery Developer's Manual

Share Photos Online

Use for business and personal site

DotNetGallery is a product of CuteSoft
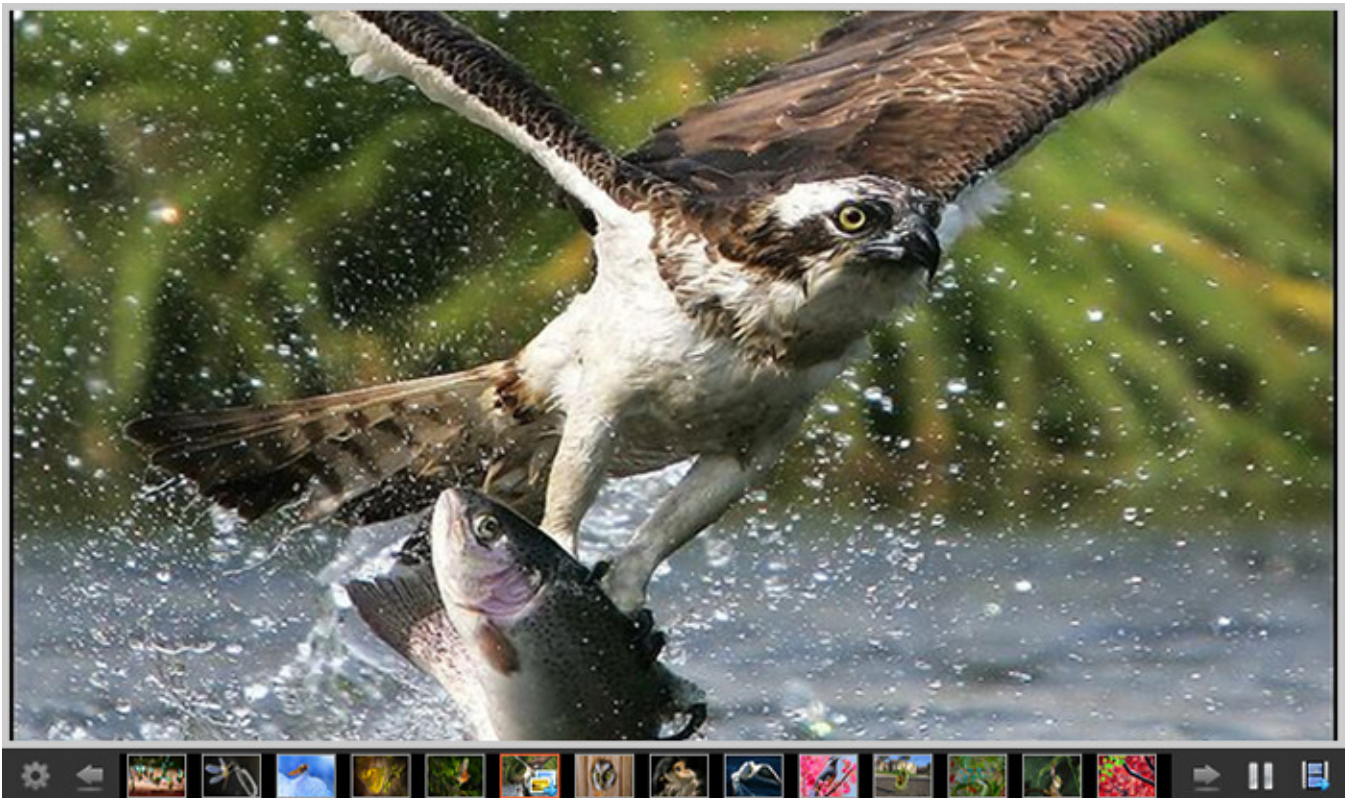
http://www.CuteSoft.net

Introduction

DotNetGallery is an ASP.NET server control designed for easy displaying image galleries in the asp.net web applications.

It is an easy to use, **file-based**, image gallery component / control. It is also a highly configurable application that automatically generates fast thumbnail indexes of a folder structure.

This robust **ASP.NET Image Gallery** can be integrated seamlessly with your ASP.NET applications. You can use DotNetGallery to quickly develop great looking slide shows and image galleries.

If you are looking for a powerful and professional web gallery solution, DotNetGallery is a perfect product for you. It contains most important features you need. We would be glad to help you to customize the Gallery to suit your specific needs. Save time and money with DotNetGallery. Why spend thousands of man-hours if we have done it for you?
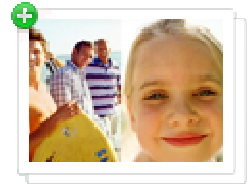
This user's manual provides comprehensive step-by-step information, examples and procedures to help you set up, customize DotNetGallery to your needs and implement it in your web applications.

For support, updates or error reporting please visit us online at http://CuteSoft.net

Email: support@CuteSoft.net

Features

If you need an ASP.NET photo gallery for your Web site that looks great and is easy to install and customize, Dotnetgallery is the perfect photo gallery control for you. It contains everything you demand in a photo gallery solution, and we're always adding new features. Dotnetgallery makes it easy to add an photo gallery to your Web site. Here are just some of the features:

Features

Intuitive and simple user interface.

Clean, lightweight and extremely fast loading by pre-loading photos.

Slideshow with autostart option.

Select and upload multiple photo files at once.

Real time progress bar keeps track of every photo upload and allows users to watch how much of photo has been uploaded.

Automatically creates thumbnails of all your images and places them in the same directory.

Highly customizable layout; The look and feel of gallery controls can be customized to seamlessly blend into your website design.

Creates unlimited galleries and upload unlimited photos.

Supports client side validation of the file size/type before uploading.

Visitors can comment on your photos.

Ability to resize the upload images.

Works in a hosted medium trust environment.

You can use it as stand-alone gallery or easily integrate into existing ASP.NET application.
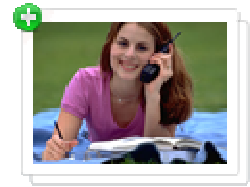
100% managed code written in C#.

Powerful admin functions allow you to add, edit and delete photos.

Adds captions to each photo.

Requirements

DotNet Gallery is a web based ASP.NET application and requires a
Microsoft IIS to host the application. This application has been developed
using ASP.NET technology.

Requirements	Supported Type
Web server	**Operating System:** Windows XP Professional, Windows Vista, Windows 2000 Professional, Windows Server 2003, Windows Server 2008 **Framework:** Microsoft .NET Framework 1.x, 2.0, 3.0 and 3.5

Installing DotNetGallery

There are 4 simple steps to install DotNet Gallery in your applications:

Step 1. Install the assembly

Copy the DotNetGallery.dll assembly to your application bin folder or into the GAC (Global
Assembly Cache).

Step 2. Copy Gallery Client files

The "CuteSoft_Client" folder and all file it contains should be deployed to http://{your
site}/{your application}/ on your web site.

If you want to deploy client files to a different location, please use GalleryClient property.

Step 3. Add Uploader httpModule to web.config's httpModules list

IIS 6.0 and IIS 7.0 Classic mode

```
<system.web>
   <httpModules>
     <add name=" DotNetGallery.UploadModule" type="DotNetGallery.UploadModule,DotNetGallery"/>
   </httpModules>
</system.web>
```

IIS 7.0 Integrated mode

```
<system.webServer>
   <modules>
      <add name=" DotNetGallery.UploadModule" type="DotNetGallery.UploadModule,DotNetGallery"/>
   </modules>
</system.webServer>
```

Step 4. Adding DotNet Gallery to an ASP.NET Page

Here is the minimal ASP.NET page you would need to display the "myGallery/" directory of images as an image gallery:

<%@ Register TagPrefix="DotNetGallery" Namespace="DotNetGallery" Assembly="DotNetGallery" %>

<dotnetgallery:gallerybrowser id="dotnetgallery1" GalleryFolder="myGallery" runat="server"></dotnetgallery:gallerybrowser>

Install a DotNetGallery license

DotNetGallery control requires a valid product license to run.

By default, DotNetGallery control will look for the license key file (DotNetGallery.lic) in the folder "bin" (~/bin/DotNetGallery.lic).

You can also install the license key file in any folder you want. Copy the license key file (DotNetGallery.lic) to that folder. Add an entry to your Web.config file, to tell DotNetGallery control where to find the license key file.

For example, you want to modify the license file location to c:\inetpub\Keys\ :
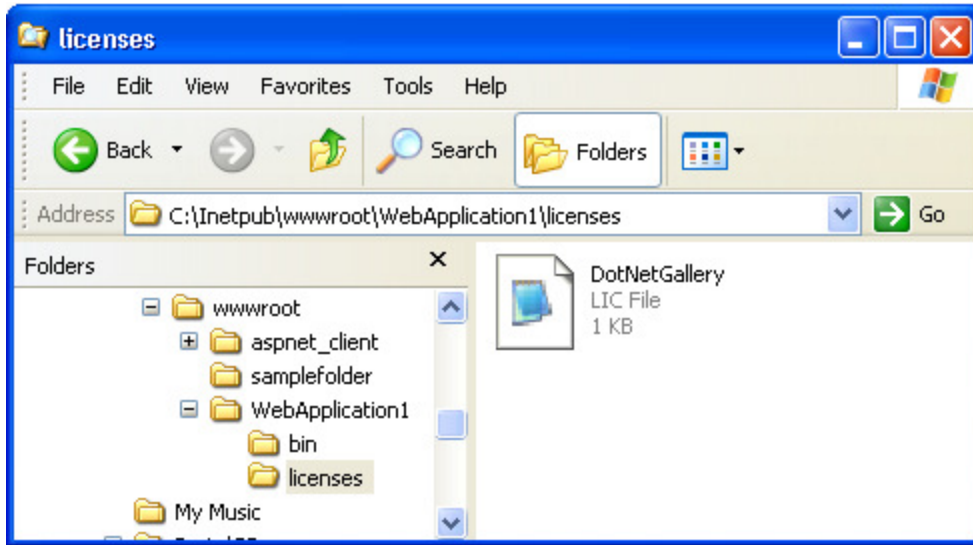
<configuration>
    <appSettings>
        <add key="DotNetGalleryLicense" value="/Keys/DotNetGallery.lic" />
    </appSettings>
</configuration>

Do I need evaluation license key file?

Yes, you need a license key file to evaluate the software. Please follow up the instructions to set up the license key folder as well.

Upon purchasing a license, we will email you a new license file. You just need to replace the evaluate license file with the new license file.

Gallery Properties

The properties of the DotNetGallery class are listed below:

AllowEdit	Enables or disables the admin functions of current gallery control. The default is false. To enable the admin functions of gallery control, you also need to add a link to show the console: Show Editor panel
AllowPostComment	Allows or disallows users to post comments of current gallery control. The default is false.
AllowShowComment	Allows or disallows users to view comments of current gallery control. The default is false.
ConsoleLayout	Specifies the layout of admin console.
Culture	Specifies the culture name used in the current gallery control.
GalleryClient	The path to editor files. Default is "CuteSoft_Client/Gallery".
GalleryFolder	This is the one required property, the path to the image directory.
Height	Gets or sets the height of the Gallery server control.
ID	Gets or sets the programmatic identifier assigned to the Gallery server control.
Layout	Specifies the layout of Gallery server control.
MaxImageFileSize	Specifies the max size in Kbytes of the image files that the user has access to upload. Default is zero, indicating no maximum.
MaxImageHeight	The maximum height of the images. Default is zero, indicating no maximum.
MaxImageWidth	The maximum width of the images. Default is zero, indicating no maximum.

`MaxThumbHeight`	The maximum height of a thumbnail. The default is 128 pixels.
`MaxThumbWidth`	The maximum width of a thumbnail. The default is 128 pixels.
Slider	Specifies the manner in which the Gallery handles slideshow button is clicked. Default is NewWin, indicating slideshow will be in a new window.
Theme	Sets the theme for Gallery server control. You can create your custom skin or choose from predefined themes: Classic / Element / Rainbow.
UploadBmpMode	Specifies the manner in which the Gallery handles *.bmp files uploading. Default is `ToJpg`, indicating all bmp files will be converted to jpg files automatically. If you don't want this conversation, you can set this value to `Keep`.
`UploadLimitMode`	Specifies the manner in which the Gallery handles large image files uploading. Default is `Resize`, indicating large image files will be resized automatically. Automatic resizing makes them fit and keep the original ratio. If you want to disallow the large image files, you can set this value to `Reject`.
Viewer	Specifies the culture name used in the current gallery control.
Width	Gets or sets the width of the Gallery server control.

Obtaining Support

CuteSoft is proud to provide free tech support to licensed users, as well as users currently evaluating our software. We are also proud we provide support through the live chat, email and forums.

Visit our web site at http://www.CuteSoft.net, or send email to support@CuteSoft.net. Be sure to include your name and your company name when requesting support.

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This section describes our licensing policy for the DotNet Gallery product.

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6. DISCLAIMER:

DotNetGallery is only an image gallery application. It is your responsibility to ensure that you use DotNetGallery in a secure manner. CuteSoft accepts no responsibility for damages resulting from the use of DotNetGallery.