

# 图片水印

为图片添加水印

## 1. 创建 html 上传页面

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
    <title></title>
</head>
<body>
    <form action="UpLoadFile.ashx" method="post" enctype="multipart/form-data">
<!--multipart/form-data 上传图片内容-->
        请选择文件上传:
        <input type="file" name="fileUp" value="" />
        <input type="submit" value="上传图片" />
    </form>
</body>
</html>
```

## 2. 添加画笔对象进行水印绘制

```
using System;
using System.Collections.Generic;
using System.Drawing;
using System.IO;
using System.Linq;
using System.Web;

namespace WebApplication1
{
    /// <summary>
    /// UploadFile 的摘要说明
    /// </summary>
    public class UploadFile : IHttpHandler
    {

        public void ProcessRequest(HttpContext context)
```

```

    {
        context.Response.ContentType = "text/html";

        HttpPostedFile file = context.Request.Files["fileUp"]; //获取文件
        if (file == null)
        {
            context.Response.Write("请上传图片");
        }
        else
        {
            string fileName = Path.GetFileName(file.FileName); //获取文件完全限
            定的名字 11.gif
            string fileExt = Path.GetExtension(fileName);
            if (fileExt == ".gif" || fileExt == ".png" || fileExt == ".jpg")
            {
                string dir = "/Img/" + DateTime.Now.Year + "/" +
                DateTime.Now.Month + "/" + DateTime.Now.Day + "/";
                //创建文件夹.
                Directory.CreateDirectory(Path.GetDirectoryName(context.Request.MapPath(dir)));
                //需要对上传的文件进行重命名.
                string newfileName = Guid.NewGuid().ToString();
                string fullDir = dir + newfileName + fileExt; //构建了完整文件路
                径.
                file.SaveAs(context.Request.MapPath(fullDir));
                // file.SaveAs(context.Request.MapPath(fullDir));
                //file.SaveAs(context.Request.MapPath("/img/" + fileName));
                using (Image imge = Image.FromStream(file.InputStream)) //根据
                上传的文件流创建 Image
                {
                    using (Bitmap map = new Bitmap(imge.Width, imge.Height))
                    {
                        using (Graphics g = Graphics.FromImage(map))
                        {
                            //设置高质量插值法
                            g.InterpolationMode =
                            System.Drawing.Drawing2D.InterpolationMode.High;

                            //设置高质量,低速度呈现平滑程度
                            g.SmoothingMode =
                            System.Drawing.Drawing2D.SmoothingMode.HighQuality;
                            //先将图片画到画布上.
                            g.DrawImage(imge, new Rectangle(0, 0, imge.Width,
                            imge.Height));
                        }
                    }
                }
            }
        }
    }

```

```

        //在右下角添加水印。
        g.DrawString("xxxxxx", new Font("黑体", 14.0f,
FontStyle.Bold), Brushes.YellowGreen, new PointF(imge.Width - 100, imge.Height -
30));
        map.Save(context.Request.MapPath(fullDir),
System.Drawing.Imaging.ImageFormat.Jpeg);
    }
}
}

context.Response.Write("<html><head></head><body><img src='" +
fullDir + "'/></body></html>");
    //最后将上传成功的图片的路径存储到数据库。
    //context.Response.Write("上传成功");
}
else
{
    context.Response.Write("选择的文件错误");
}
}
}

public bool IsReusable
{
    get
    {
        return false;
    }
}
}
}

```