近几天逆天经常大量复制粘贴一些图文信息，在某些特定的场合，图片都是无法直接粘贴进去的，就比如博客园的编辑器。

源码：[https://github.com/dunitian/DNTLive/tree/master/Software/万恶剪贴板](https://github.com/dunitian/DNTLive/tree/master/Software/%E4%B8%87%E6%81%B6%E5%89%AA%E8%B4%B4%E6%9D%BF)

要弄个什么还要把word里面的图片或者网上的图片先弄出来，这是多么的蛋疼啊~

**于是就有了万恶的剪贴板==》为存储而生**

其实是个很简单的功能点==》稍微说下**核心**代码

**获取文本内容**：**var dataStr = Clipboard.GetText();**

**获取单个图片**：**var imgObj = Clipboard.GetImage();**

**获取图文格式（网页或者Word之类的）：**

**var data = Clipboard.GetDataObject();**  
**if (data.GetDataPresent(DataFormats.Html, true))**  
**{**  
**return data.GetData(DataFormats.Html, true).ToString();**  
**}**

**正则匹配图片：Regex.Matches(dataStr, @"<img([^>]\*)\s\*src=('|\"")([^'\""]+)('|\"")", RegexOptions.ECMAScript)**

**异步批量下载图片：webClient.DownloadFileAsync(uri,path)**

贴代码：

|  |
| --- |
| using System;  using System.Diagnostics;  using System.IO;  using System.Text;  using System.Text.RegularExpressions;  using System.Windows.Forms;  using System.Net;  using System.Drawing.Imaging;    namespace 剪贴板  {      public partial class MainForm : Form      {          public MainForm()          {              InitializeComponent();          }            /// <summary>          /// 获取文本          /// </summary>          /// <param name="sender"></param>          /// <param name="e"></param>          private void btnTxt\_Click(object sender, EventArgs e)          {              var dataStr = Clipboard.GetText();              if (!string.IsNullOrEmpty(dataStr))              {                  CreateDirectory("Text");                  string name = string.Format(@"Text\{0}.txt", GetNewName());                  File.WriteAllText(name, dataStr, Encoding.UTF8);                  MessageBox.Show(string.Format("操作成功，请看Text文件夹！", "逆天友情提醒"));                  OpenDirectory();              }              else              {                  MessageBox.Show("剪贴板文本内容为空！", "逆天友情提醒");              }          }            /// <summary>          /// 生成页面          /// </summary>          /// <param name="sender"></param>          /// <param name="e"></param>          private void btnPage\_Click(object sender, EventArgs e)          {              var dataStr = GetHtmlStr();              if (!string.IsNullOrEmpty(dataStr))              {                  MessageBox.Show("操作成功，请看打开的页面！", "逆天友情提醒");                  OutputHtml(dataStr);              }              else              {                  MessageBox.Show("剪贴板图文内容为空！", "逆天友情提醒");              }          }            /// <summary>          /// 生成文档          /// </summary>          /// <param name="sender"></param>          /// <param name="e"></param>            private void btnWord\_Click(object sender, EventArgs e)          {              var dataStr = GetHtmlStr();              if (!string.IsNullOrEmpty(dataStr))              {                  MessageBox.Show("操作成功，请看打开的页面！", "逆天友情提醒");                  OutputHtml(dataStr, ".doc");              }              else              {                  MessageBox.Show("剪贴板图文内容为空！", "逆天友情提醒");              }          }            /// <summary>          /// 导出图片          /// </summary>          /// <param name="sender"></param>          /// <param name="e"></param>          private void btnImg\_Click(object sender, EventArgs e)          {              int i = 0;              var imgObj = Clipboard.GetImage();              var dataStr = GetHtmlStr();              int fileCount = GetFileDrop();              if (imgObj != null)//非HTML的单张图片              {                  CreateDirectory("Images");                  imgObj.Save(string.Format(@"Images\{0}.png", GetNewName()), ImageFormat.Png);                  MessageBox.Show("操作成功，请看Images文件夹！", "逆天友情提醒");                  OpenDirectory();              }              else if (!string.IsNullOrEmpty(dataStr))              {                  Stopwatch watch = new Stopwatch();                  watch.Start();                  i = DownloadImg(dataStr);                  watch.Stop();                  MessageBox.Show(string.Format("成功提取{0}个图片,耗时{1}。请查看Images文件夹", i, watch.Elapsed), "逆天友情提醒");                  OpenDirectory();              }              else if (fileCount > 0)              {                  MessageBox.Show(string.Format("成功提取{0}个图片,请查看Images文件夹", fileCount), "逆天友情提醒");                  OpenDirectory();              }              else              {                  MessageBox.Show("剪贴板图片信息为空！", "逆天友情提醒");              }          }            /// <summary>          /// 本地图片-文件路径          /// </summary>          /// <param name="i"></param>          /// <returns></returns>          private int GetFileDrop()          {              int i = 0;              var data = Clipboard.GetDataObject();              if (data.GetDataPresent(DataFormats.FileDrop, true))              {                  string[] objs = (string[])data.GetData(DataFormats.FileDrop, true);                  if (objs != null)                  {                      CreateDirectory("Images");                      for (int j = 0; j < objs.Length; j++)                      {                          File.Copy(objs[i], GetNewName());                          i++;                      }                  }              }              return i;          }            /// <summary>          /// 批量下载图片          /// </summary>          /// <param name="dataStr">页面字符串</param>          /// <param name="i">成功条数</param>          /// <returns></returns>          private static int DownloadImg(string dataStr)          {              int i = 0;              var collection = Regex.Matches(dataStr, @"<img([^>]\*)\s\*src=('|\"")([^'\""]+)('|\"")", RegexOptions.ECMAScript);              WebClient webClient = new WebClient();              foreach (Match item in collection)              {                  string imgPath = item.Groups[3].Value;                  try                  {                      CreateDirectory("Images");                      webClient.DownloadFileAsync(new Uri(imgPath), string.Format(@"Images\{0}.png", Path.GetFileName(imgPath)));//剪贴板的图片没有相对路径                      i++;                  }                  catch (Exception ex) { File.WriteAllText("log.dnt", ex.ToString(), Encoding.UTF8); }              }              return i;          }            /// <summary>          /// 清除剪贴板          /// </summary>          /// <param name="sender"></param>          /// <param name="e"></param>          private void lbl1\_Click(object sender, EventArgs e)          {              ClearClipboard();              MessageBox.Show("剪贴板清除成功！", "逆天友情提醒");          }            #region 公用方法          /// <summary>          /// HTML字符串          /// </summary>          /// <returns></returns>          private static string GetHtmlStr()          {              var data = Clipboard.GetDataObject();              if (data.GetDataPresent(DataFormats.Html, true))              {                  return data.GetData(DataFormats.Html, true).ToString();              }              return string.Empty;          }            /// <summary>          /// 输出HTML文件          /// </summary>          /// <param name="dataStr"></param>          /// <param name="ext"></param>          private static void OutputHtml(string dataStr, string ext = ".html")          {              CreateDirectory("Page");              string name = string.Format(@"Page\{0}{1}", GetNewName(), ext);              File.WriteAllText(name, dataStr.Substring(dataStr.IndexOf("<html")), Encoding.UTF8);//除去版权信息              Process.Start(name);          }            /// <summary>          /// 打开目录          /// </summary>          private static void OpenDirectory()          {              var result = MessageBox.Show("是否打开文件夹？", "逆天提醒", MessageBoxButtons.YesNo);              if (result == DialogResult.Yes)                  Process.Start("explorer.exe ", string.Format(@"{0}\images", Directory.GetCurrentDirectory()));//打开目录          }            /// <summary>          /// 生成新名称-就不用 Guid 了，普通用户看见了会怕          /// </summary>          /// <returns></returns>          private static string GetNewName()          {              return DateTime.Now.ToString("yyyy-MM-dd~HH.mm.ss.fff");          }            /// <summary>          /// 创建文件夹          /// </summary>          private static void CreateDirectory(string name)          {              if (!Directory.Exists(name))              {                  Directory.CreateDirectory(name);              }          }            /// <summary>          /// 清除剪贴板          /// </summary>          private void ClearClipboard()          {              Clipboard.Clear();          }            #endregion      }  } |

源码地址：<http://pan.baidu.com/s/1b0ajxW>

备用地址：[https://github.com/dunitian/DNTLive/tree/master/Software/万恶剪贴板](https://github.com/dunitian/DNTLive/tree/master/Software/%E4%B8%87%E6%81%B6%E5%89%AA%E8%B4%B4%E6%9D%BF)