

Feature Details

Feature Id 183	Project Gallery Server Pro
Name Add support for web archive files (.mht)	

Build # 2.3.3750	Start Date 1/14/2010	Priority Low
Original Work 2 hrs	Due Date	Status Closed
Actual Work 1 hrs	Completion Date 1/14/2010	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Add support for web archive files (.mht).

Notes

Since only Internet Explorer can view .mht files, only IE attempts to render it inside an iframe. All other browsers simply display a message that the item cannot be displayed but it can be downloaded.

MIME type:

```
<contentType fileExtension=".mht" browserId="default" type="message/rfc822" allowAddToGallery="false" />
```

HTML template:

```
<mediaObject mimeType="message/rfc822">
```

```
<browsers>
```

```
<browser id="default"
```

```
  htmlOutput="&lt;p class='gsp_msgfriendly'>Your browser cannot display this media object, but you can  
download it by clicking the download link in the toolbar.&lt;/p&gt;" />
```

```
<browser id="ie"
```

```
  htmlOutput="&lt;p&gt;&lt;a href='{MediaObjectUri}'>Enlarge to fit browser window&lt;/a&gt;&lt;/p&gt;&lt;iframe  
src='{MediaObjectUri}' frameborder='0' style='width:680px;height:600px;border:1px solid  
#000;&quot;&gt;&lt;/iframe&gt;" />
```

```
</browsers>
```

```
</mediaObject>
```

Feature Id 186	Project Gallery Server Pro
Name Automatically remove any orphaned album owners	

Build # 2.3.3750	Start Date 3/4/2010	Priority Low
Original Work 2 hrs	Due Date 3/4/2010	Status Closed
Actual Work 2 hrs	Completion Date 3/4/2010	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

When a user owns an album, either by an administrator explicitly specifying an album owner or the system automatically doing it as part of the user album feature, the username of the owner is stored in the OwnerUserName column of the album table. In addition, the role name associated with the owner is stored in the OwnerRoleName column.

When an administrator deletes a user, validation code makes sure that these columns are cleared out. However, when GSP is used in a web application where a user can be deleted by non-GSP code (e.g. DotNetNuke), this validation may never occur, causing an album to be listed as having an owner that doesn't really exist.

Notes

An extra step was added during application initialization to check for this scenario and clear out the OwnerUserName column if needed. Specifically, the UserController class contains a new function DeleteOrphanedAlbumOwners that iterates through each album to perform this check.

Since this is a resource intensive action, the initialization code was refactored a bit to include this and a couple other functions in a separate, low-priority thread.

Feature Details

Feature Id 188	Project Gallery Server Pro
Name Compress backup file	

Build # 2.3.3750	Start Date 3/11/2010	Priority Medium
Original Work 4 hrs	Due Date	Status Closed
Actual Work 4 hrs	Completion Date 3/11/2010	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

The backup file produced by GSP on the Backup/Restore page in the Site admin area is an uncompressed XML file. Compress this file to allow for faster transmission over the network.

Notes

Modified backuprestore.ascx.cs to zip the backup file before sending it to the user and to extract the backup file from the ZIP (if necessary) during a restore. This required some new functionality in the business layer ZipUtility class to handle zipping up a stream.

Feature Id 189	Project Gallery Server Pro
Name Ensure that synchronized files are added in alphabetical order	

Build # 2.3.3750	Start Date 3/31/2010	Priority Low
Original Work 1 hrs	Due Date	Status Closed
Actual Work 30 min	Completion Date 3/31/2010	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

The synchronize routine inspects files in the order given to it by the operating system. The order is not guaranteed. It is usually alphabetical order but for some users it is not, causing an inconvenience.

Ensure that media objects are added in alphabetical order.

Notes

Added the following code to GalleryServerPro.Business.SynchronizationManager.SynchronizeMediaObjectFiles. It forces the list of files to be sorted before they are processed:

```
Array.Sort<FileInfo>(files, delegate(FileInfo a, FileInfo b)
{
    return a.Name.CompareTo(b.Name);
});
```

Feature Id 190	Project Gallery Server Pro
Name Improve date parsing in image metadata	

Build # 2.3.3750	Start Date 4/2/2010	Priority Low
Original Work 2 hrs	Due Date	Status Closed
Actual Work 2 hrs	Completion Date 4/2/2010	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Improve the parsing of date/time fields in image metadata:

Feature Details

1. A user has reported that when using Adobe Elements to assign a partial date to the DateTaken field (such as Nov 1912 or simply 1912, leaving out the day and/or month), GSP reports the date as Mon, 01 Jan 1601 02:00:00 GMT.

2. In some cases partial dates may be entirely ignored in GSP. This will occur when the enhanced metadata option is disabled (either through the site admin feature or because the app is running at reduced trust). In this situation, the .NET 2.0 technique for parsing this field is used, which requires the presence of all six date/time fields (year, month, day, hour, minute, second).

Notes

1. Modified GalleryServerPro.Business.Wpf.WpfMetadataExtractor.AddWpfBitmapMetadata() so that the DateTaken value is used only when the year is greater than 1601.

2. Modified GalleryServerPro.Business.Metadata.MediaObjectMetadataExtractor.ConvertExifDateTimeToDateTime() handle a wider range of string values that represent a date. For example, if no day or month is specified, assume the first one