

Feature Details

Feature Id 8

Project Gallery Server Pro

Name Allow deleting the hi-res images for multiple albums

Build # 2.3	Start Date 8/3/2007	Priority Low
Estimated Work 2 hrs	Due Date 9/30/2007	Status Closed
Actual Work 3 hrs	Completion Date 3/10/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Currently one can delete the high res images for one album only. This process must be repeated for each album. Improve the process so that multiple albums can be processed in one step.

Notes

This was implemented by including the child albums in the list of objects on the Delete hi-res images task page. If the user selects the album, then all high res images within that album are deleted. This is a recursive action which affects all children, grandchildren, etc.

Feature Id 28

Project Gallery Server Pro

Name Fix unintuitive checking/unchecking of albums in treeview

Build # 2.3	Start Date 8/7/2007	Priority Low
Estimated Work 1 hrs	Due Date	Status Closed
Actual Work 1 hrs	Completion Date 5/12/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

If all albums are checked on the role permission dialog and then the user unchecks the root album, they all become unchecked. Instead, only the root album should be unchecked.

Also, unchecking a child album should cause all parents to become unchecked. Current behavior is that nothing happens.

Also see http://www.galleryserverpro.com/forum/yaf_postst113_strange-behaviour-when-setting-rights.aspx

Notes

Modified the javascript that is generated in the RegisterJavascript function of gs\controls\albumtreeview.ascx.cs so that when a node is unchecked, all its parents are unchecked. This behavior applies only when the AllowMultiSelect property is true.

There is a potential downside to this change: Any nodes that have been rendered but are currently invisible retain their checked state when a parent is unchecked. For example, imagine an album that is checked and the user had previously expanded the node to view its children and then collapsed the node. The children also have a checked state, as they should. If the user then unchecks the parent, the children remain checked. This is consistent with the desired behavior, but some users may not realize the children are still checked, especially if they are used to the pre-2.3 behavior. I judge this to be an acceptable risk considering the productivity gains from this feature implementation.

Feature Details

Feature Id 36

Project Gallery Server Pro

Name Provide option to discard original image during upload

Build # 2.3	Start Date 8/16/2007	Priority Medium
Estimated Work 2 hrs	Due Date	Status Closed
Actual Work 3 hrs	Completion Date 3/10/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Add checkbox to Add objects page:
Discard original file after creating compressed versions (images only)

When checked, the original image is deleted for all images where a compressed image is created. Essentially an "add objects" and "delete hi-res" function in one step.

Notes

Implemented by first saving each object, then invoking the DeleteHiResImage method in the Image class. Since we are doing two significant operations to the same in-memory object, it revealed a few bugs in how fields are updated after being saved. Required adding a few lines to the GalleryObject.Save method:

```
this.RegenerateThumbnailOnSave = false;  
this.RegenerateOptimizedOnSave = false;  
if (!this.IsInflated)  
this.IsInflated = true;
```

Feature Id 70

Project Gallery Server Pro

Name Allow paging of thumbnails on album view page

Build # 2.3	Start Date 11/29/2007	Priority Low
Estimated Work 8	Due Date	Status Closed
Actual Work 16 hrs	Completion Date 2/16/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Limit the number of thumbnails that appear on a page and provide paging controls to access the rest.

Notes

Implemented paging in the albumthumbnail.ascx user control. Page settings are controlled by two new galleryserverpro.config attributes: pageSize and pagerLocation.

Feature Id 73

Project Gallery Server Pro

Name Download button gives user original image rather than optimized image

Build # 2.3	Start Date 2/15/2008	Priority Low
Estimated Work 4 hrs	Due Date 1/23/2009	Status Closed
Actual Work 1 hrs	Completion Date 1/23/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Feature Details

Description

Currently, the download link on the media object view page downloads the displayed media object to the user. If a compressed photo is displayed, the user gets the file for the compressed photo. To get the original photo, the user must first display the original photo. Change the behavior so the user receives the original image, even when the compressed version is shown.

The idea for this feature came from the thread at http://www.galleryserverpro.com/forum/yaf_postst188_Click-Image-to-open-full-size.aspx.

Notes

The following code was removed in `gs\controls\mediaobjectview.ascx.cs`:

```
//if ((isMediaObjectImage) && (!this.ViewHiResImage) && (!String.IsNullOrEmpty(mediaObject.Optimized.FileNamePhysicalPath)))
{
    // Grab optimized version if the object is an image, the user is requesting the optimized version, and
    // the optimized version has a valid filepath. (There may not be a valid filepath for those images that Gallery Server
    // can't create an optimized version for; corrupted images, for example.)
    displayObject = mediaObject.Optimized;
}
```

This code was put in its place:

```
if((isMediaObjectImage) && (!this.GalleryPage.IsUserAuthorized(SecurityActions.ViewOriginalImage)))
{
    // User does not have permission to view original, hi-res images. Give user the optimized version, unless
    // it doesn't exist (it won't exist when the original was too small to require an optimized one).
    if(!String.IsNullOrEmpty(mediaObject.Optimized.FileNamePhysicalPath))
        displayObject = mediaObject.Optimized;
}
```

Feature Id 87

Project Gallery Server Pro

Name Allow user to download multiple objects in a single ZIP file

Build # 2.3	Start Date 4/23/2008	Priority Low
Estimated Work 40 hrs	Due Date	Status Closed
Actual Work 32 hrs	Completion Date 3/26/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Allow user to download multiple objects in a single ZIP file.

Notes

Added a button on the album view and media view pages that redirects the user to the download page, where she may select one or more thumbnails (including albums). The zip file is created when the user clicks the Download button. Watermarks are applied if needed.

Added config setting `enableMediaObjectZipDownload` to allow user to disable feature.

Feature Details

Feature Id 96	Project Gallery Server Pro
Name Allow users to self register user accounts	

Build # 2.3	Start Date 5/6/2008	Priority High
Estimated Work 16 hrs	Due Date	Status Closed
Actual Work 40 hrs	Completion Date 3/23/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Allow anonymous users to register for their own accounts. This should be a config setting that can be enabled/disabled by the web administrator.

Notes

Required the creation of the following galleryserverpro.config settings:

enableSelfRegistration

requireEmailValidationForSelfRegistration

useEmailForAccountName

defaultRolesForSelfRegisteredUser

usersToNotifyWhenAccountIsCreated

Feature Id 97	Project Gallery Server Pro
Name Record log of web errors	

Build # 2.3	Start Date 5/6/2008	Priority High
Estimated Work 24 hrs	Due Date	Status Closed
Actual Work 80 hrs	Completion Date 3/9/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Currently, when a web site error occurs, an email is sent to the designated person if the email reporting functionality is turned on, but there is otherwise no permanent record of the error. Errors should be logged so the administrator can review them.

Notes

Errors are now logged to a table named gs_AppError.

Note that error logging is automatically disabled when SQL Server 2000 is used. This is because it has a max row length of 8000 bytes, and the error data very likely requires more than this.

Feature Id 99	Project Gallery Server Pro
Name Allow a user to be an album owner	

Build # 2.3	Start Date 5/6/2008	Priority Medium
Estimated Work 40 hrs	Due Date 2/11/2009	Status Closed
Actual Work 40 hrs	Completion Date 2/11/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Feature Details

Description

Allow a user to be assigned as the owner of an album, which provides administrative rights to that album. Currently, it is implemented by giving every user 2 roles: the 'general look everywhere' role, and a user specific role that provides admin access to their own album.

Notes

Implemented by adding an album owner dropdown box on the edit album dialog. When an owner is assigned, behind the scenes a role is created based on a role template. The current user is added to this role. Thus album ownership is essentially an abstraction of the underlying role-based security system. Logic was added to the manage roles and manage users page to clear out the ownership field when a relevant role is deleted, a user is removed from a role, an album is removed from a role, and a user is deleted.

This feature required the addition of a new column 'OwnerRoleName' to the gs_Album table. This column stores the name of the role that defines the owner's security access. This column will be empty when OwnerUsername is empty, and populated when OwnerUsername has a value.

Feature Id 121

Project Gallery Server Pro

Name Allow making an album private when it is created

Build # 2.3

Start Date

Priority Low

Estimated Work 1 hrs

Due Date

Status Closed

Actual Work 1 hrs

Completion Date 3/10/2009

Percent Complete 100

Requested By Roger Martin

Assigned To Roger Martin

Description

Allow a user to be made private when it is created. Originally suggested here:http://www.galleryserverpro.com/forum/yaf_postst468_Private-Albums.aspx

Notes

Added a checkbox on the create album page to allow a user to set an album as private when it is created.

Feature Id 128

Project Gallery Server Pro

Name Reduce security warnings and improve log on / log off behavior

Build # 2.3

Start Date 1/2/2009

Priority Low

Estimated Work 1 hrs

Due Date

Status Closed

Actual Work 2 hrs

Completion Date 1/22/2009

Percent Complete 100

Requested By Roger Martin

Assigned To Roger Martin

Description

The current version of GSP displays a message when the user attempts to do something she does not have permission to do. This can occur in routine situations where there is not a malicious attempt at breaching security. It is better to silently redirect the user to the album to which she has permission to view.

Situations where user message appears:

1. User attempts something she does not have permission to do (such as access the Site admin area, or edit an album)
2. User attempts to view an album or media object she does not have permission to view.

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Related to this is when a user logs out while on a page that the anonymous user does not have permission to view, such as the Site admin area or any of the task pages. When this occurs GSP displays the login page and then, after authentication, attempts to redirect back to the original page the previously logged-on user was viewing. This can result in permission warnings as described above when the new user does not have the same permission as the previous user.

Change the log on / log off behavior so that the user is redirected to a page she has permission to view, and do not

Notes

1. Modified the global error handler `GalleryServerPro.Web.Util.HandleGalleryException()` so that when a `GallerySecurityException` occurs, the user is redirected to the root album rather than the "not authorized" page. Removed `PageId.error_unauthorized` enum value and deleted the `unauthorized.aspx` user control.
2. Modified `GalleryServerPro.Web.Pages.GalleryPage.GetAlbum()` so that if a user attempts to view an album for which she does not have permission, she is no longer shown the "you do not have permission to view the requested album" message. Removed `Message.InsufficientPermissionCannotViewAlbum` enum value.
3. Modified `controls/login.aspx` so that, after a log in or log out, the user is redirected to either the media object or album page. If the user does not have permission to view the object, the top level album for which she *does* have permission is shown instead. Previously, the user was redirected back to the current page, which in some cases triggered a subsequent redirect to the login page. The same logic was applied to the `controls/actionmenu.aspx` when the user selected Log off from the Actions menu.

Feature Id 129

Project Gallery Server Pro

Name Allow e-mail to be sent using SSL encryption

Build # 2.3	Start Date 1/3/2009	Priority Low
Estimated Work 1 hrs	Due Date	Status Closed
Actual Work 1 hrs	Completion Date 1/22/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Some SMTP servers, such as gmail, require SSL encryption. There is no way to configure this in web.config, but it can be set as a property on the `SmtpClient` class. Add a new setting in `galleryserverpro.config` - `sendEmailUsingSsl` - that is inspected by the code that composes emails. The value - either true or false - controls the value of the `SmtpClient.EnableSsl` property.

Notes

Email is composed in two places. Both locations were updated:

1. `GalleryServerPro.Web.Util.SendEmail` (in the `Website/CodeFiles/Util.cs` file)
2. `GalleryServerPro.ErrorHandler.AppErrorHandler.SendErrorReport` (in the `TIS.GSP.ErrorHandler/AppErrorHandler.cs` file)

Feature Id 131

Project Gallery Server Pro

Name Remove dependence on global.aspx

Build # 2.3	Start Date 1/16/2009	Priority Medium
Estimated Work 30 min	Due Date 1/16/2009	Status Closed
Actual Work 30 min	Completion Date 1/16/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Feature Details

Adding GSP to an existing ASP.NET application requires modifying global.asax and then recompiling. Remove this change so that it is possible to add a gallery without having to recompile.

Notes

Global.asax had one event coded:

```
protectedvoidApplication_Start(objectsender,EventArgs)  
{  
    // Code that runs on application startup  
    Application["ComponentArtWebUI_AppKey"]="This edition of ComponentArt Web.UI is licensed for Gallery Server Pro application only.";  
}
```

This line was moved to GalleryServerPro.Web.Util.InitializeApplication (in file Website\CodeFiles\Util.cs):

```
publicstaticvoidInitializeApplication()  
{  
    try  
    {  
        // Set application key so ComponentArt knows it is properly licensed.  
        HttpContext.Current.Application["ComponentArtWebUI_AppKey"]="This edition of ComponentArt Web.UI is licensed for Gallery Server Pro application only.";  
        ...  
    }  
}
```

Feature Id 133

Project Gallery Server Pro

Name Add rounded corners to thumbnails and other objects

Build # 2.3	Start Date 1/20/2009	Priority Low
Estimated Work 1 hrs	Due Date 1/20/2009	Status Closed
Actual Work 1 hrs	Completion Date 2/3/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Make the corners of the thumbnails and other objects rounded.

Notes

Implemented for Mozilla and WebKit based browsers (Firefox, Safari, Chrome) by using proprietary CSS extensions. IE and Opera do not easily support rounded corners, so they retain the square corners. Modified the thmb and albumtitle CSS classes as follows:

.gsp_ns

```
div.thmb {float:left;font-size:0.9em;padding:0000;margin:5px5px;text-align:center;background-color:white;border:1pxsolid;border-color:#AAA#444#444#AAA;overflow:hidden;-moz-border-radius:10px;-webkit-border-radius:10px;}
```

```
.gsp_nsdiv.thmbp.albumtitle,div.thmb2p.albumtitle {margin:0;padding:0;background-color:#369;color:#fff;border-bottom:1pxsolid#444;-moz-border-radius:6px6px00;-webkit-border-top-right-radius:6px;-webkit-border-top-left-radius:6px;}
```

```
.gsp_nsdiv.thmb2 {font-size:0.9em;text-align:center;background-color:white;border:1pxsolid;border-color:#AAA#444#444#AAA;overflow:hidden;-moz-border-radius:10px;-webkit-border-radius:10px;}
```

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Notice the radius extensions added at the end.

All other objects with borders were evaluated and turned into rounded corners when appropriate. Two new CSS classes were created -gsp_rounded10 andgsp_roundedtop6. Depending on the situation, sometimes the page was modified to use the new CSS class and other times the relevant CSS class was modified to include the rounded spec.

Feature Id 134

Project Gallery Server Pro

Name Add more settings to Site admin area

Build # 2.3

Start Date 3/1/2009

Priority Medium

Estimated Work 8 hrs

Due Date

Status Closed

Actual Work 24 hrs

Completion Date 4/20/2009

Percent Complete 100

Requested By Roger Martin

Assigned To Roger Martin

Description

Add more of the settings from galleryserverpro.config to the Site admin area.

Notes

Nearly all settings were added to the Site Admin UI. The only ones that were not were intentionally kept out because they are typically not changed by the user.

Feature Id 135

Project Gallery Server Pro

Name Improve page loading performance

Build # 2.3

Start Date 1/19/2009

Priority Medium

Estimated Work 4 hrs

Due Date 1/23/2009

Status Closed

Actual Work 8 hrs

Completion Date 1/23/2009

Percent Complete 100

Requested By Roger Martin

Assigned To Roger Martin

Description

Improve page loading performance by consolidating HTTP requests and minimizing the amount of javascript sent to the browser.

Notes

Made these changes:

1. Used the script consolidation feature of ComponentArt to group its javascript files by control on a per-page basis. This reduced the number of separate scripts by 8-20 for each page load. This change was implemented by adding an HTTP handlerComponentArtScript.axd to web.config and then specifying an AppSetting "ComponentArtScriptControls" with the value "PerControl".
2. Modified gs\controls\albumheader.ascx.cs so that the entityobjects.js file is sent to the browser only when the logged-on user has album editing permission. Previously it was sent to all users.
3. The code inside simpletimer.js was consolidated into mediaobjectview.js, resulting in one less HTTP request.
4. The javascript in mediaobjectview.js was minified, resulting in a 38% smaller file. For debugging purposes, the original javascript was moved to mediaobjectview.debug.js and the code was modified to use the debug version when the project is compiled with the DEBUG compilation constant.
5. Smart Silverlight scripts: Previously, the Silverlight javascript files SilverlightControl.js and SilverlightMedia.js were sent to the browser

Feature Details

for every media object. This was modified so that they are sent only when at least one media object in the album is Silverlight-capable. This is determined by a new setting in galleryserverpro.config "silverlightFileTypes". If any objects in the current album have one of these file types, then the Silverlight javascript files are sent.

TEST RESULTS:

	Before	After	Before	After
	# requests	# requests	page size (KB)	page size (KB)
Album view, not logged in, 21 photos	40 (10 w/cache)	38 (9 w/cache)	247 (39 w/cache)	250 (39 w/cache)
Album view, logged in as Admin, 21 photos	76 (30 w/cache)	69 (30 w/cache)	377 (77 w/cache)	373 (76 w/cache)
Photo view, not logged in	51 (27 w/cache)	39 (27 w/cache)	412 (46 w/cache)	314 (44 w/cache)
Photo view, logged in as Admin	87 (51 w/cache)	70 (48 w/cache)	522 (89 w/cache)	460 (86 w/cache)

Test was conducted as a comparison of the 'Photos' album on the GSP demo site and an identically configured album running locally. Both apps were compiled in Release mode and had debug="false" in web.config. However, due to difference between local and remote settings, this test should be repeated after the deployment to a remote site.

Feature Id 136	Project Gallery Server Pro
Name Use left and right arrows to navigate media objects	

Build # 2.3	Start Date 1/24/2009	Priority Medium
Estimated Work 2 hrs	Due Date	Status Closed
Actual Work 2 hrs	Completion Date 3/10/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Currently, one can navigate to the next and previous media objects in an album by the Next / Previous buttons or the <Enter> and <Shift><Enter> keys. It is more intuitive to use the left and right arrows. In addition, the keys no longer work in IE after one clicks a button, such as the Next / Previous buttons or the show hi-res image button.

Notes

Modified javascript function html_onkeydown that is rendered in gs\controls\mediaobjectview.ascx to use the left and right arrows instead of <Enter> and Shift<Enter>. The broken key navigation in IE was being caused by the fact that IE reported the tag name of the nearest DOM element in the e.target.tagName property instead of the html or body tag. When the user clicked something else on the page, the next time she hit a key it would report a tag name of div, td, etc. Since the function only navigated when the tag was html or body, the key navigation failed. The fix was to accept all tags except for input and textarea. For those two tags we want to preserve the original behavior of the left/right keys.

Feature Details

Original function:

```
function html_onkeydown(e)
{
  var tag = e.target.tagName.toLowerCase();

  if((e.keyCode === Sys.UI.Key.enter) && ((tag === 'html') || (tag === 'body')))
  {
    if (e.shiftKey)
      showPrevMediaObject();
    else
      showNextMediaObject();
  }
}
```

Updated function:

```
function html_onkeydown(e)
{
  var tag = e.target.tagName.toLowerCase();

  if((tag === 'input') || (tag === 'textarea'))
    return; // Ignore when focus is in editable box

  if (e.keyCode === Sys.UI.Key.right)
    showNextMediaObject();
  else if (e.keyCode === Sys.UI.Key.left)
    showPrevMediaObject();
}
```

Feature Id 137

Project Gallery Server Pro

Name Allow a media objects directory that is read-only

Build # 2.3

Start Date 1/26/2009

Priority Medium

Estimated Work 6 hrs

Due Date 1/26/2009

Status Closed

Actual Work 6 hrs

Completion Date 1/26/2009

Percent Complete 100

Requested By Roger Martin

Assigned To Roger Martin

Description

Allow GSP to point to a media objects directory where it only has read-only access. This will allow users to expose their media collection through a web site without fear of the web site modifying their media files.

Notes

Added the configuration setting `mediaObjectPathIsReadOnly` in `galleryserverpro.config`. When set to true, the gallery does not modify any files in the media objects directory nor does the validation logic require that the IIS application pool identity have modify permission. Setting `mediaObjectPathIsReadOnly` to true requires the following:

1. The thumbnail and optimized path must be different than the media object path.
2. The `SynchAlbumTitleAndDirectoryName` setting must be false.

Feature Details

To support this change, the following modifications were made:

1. Modified theGalleryServerPro.Business.AppSetting so that the validation logic forMediaObjectPhysicalPath, ThumbnailPath, and OptimizedPath acts appropriately depending on the value of mediaObjectPathIsReadOnly. This results in user-friendly error messages if one or more settings are incompatible during application startup.
2. Modified the Actions menu user control so that the relevant menu items are disabled when the gallery is in read-only mode.
3. Modified the mediaobjectview user control so that the relevant toolbar items are disabled when the gallery is in read-only mode.
4. Added validation logic to the media objects admin page to validate the user entries.
5. Added helpful text to the cannotwritetodirectory user control to inform the user about the read-only option.
6. Added validation logic to several of the task pages to bounce the user to the album view if that page would result in a modification to the original media objects directory and the gallery is in read-only mode.

Feature Id 138

Project Gallery Server Pro

Name Add support for .divx files

Build # 2.3

Start Date 1/28/2009

Priority Low

Estimated Work 2 hrs

Due Date

Status Closed

Actual Work 2 hrs

Completion Date 1/29/2009

Percent Complete 100

Requested By Roger Martin

Assigned To Roger Martin

Description

Add support for .divx files.

Notes

Thanks to a suggestion by Andy Gallant, I added a MIME type for .divx and an HTML template to render it. IE users will be automatically prompted to install it, while other browsers' behavior will vary. Since the DIVX Web Player requires a full URL to a media object (including the URI scheme and host name, such ashttp://www.site.com), I had to create a new replacement parameter "HostUrl" that provided it.

```
<
mediaObjectmimeType="video/divx">
<browsers>
<browserid="default"htmlOutput="&lt;object type="&quot; {MimeType} &quot;;data="&quot; {HostUrl} {MediaObjectUrl}&quot;;style=
&quot;;width: {Width}px;height: {Height}px;&quot;;&gt;&lt;;param name="&quot;src&quot;;value="&quot; {HostUrl} {MediaObjectUrl}
&quot;;/&gt;&lt;;param name="&quot;mode&quot;;value="&quot;full&quot;;/&gt;&lt;;param name="&quot;minVersion&quot;;value="&quot;
1.0.0&quot;;/&gt;&lt;;param name="&quot;allowContextMenu&quot;;value="&quot;true&quot;;/&gt;&lt;;param name="&quot;autoPlay&quot;;
value="&quot; {AutoStartMediaObjectText} &quot;;/&gt;&lt;;param name="&quot;loop&quot;;value="&quot;false&quot;;/&gt;&lt;;param
name="&quot;bannerEnabled&quot;;value="&quot;false&quot;;/&gt;&lt;;param name="&quot;bufferingMode&quot;;value="&quot;auto&quot;;/
&gt;&lt;;param name="&quot;previewMessage&quot;;value="&quot;Click to start video&quot;;/&gt;&lt;;param name="&quot;
previewMessageFontSize&quot;;value="&quot;24&quot;;/&gt;&lt;;param name="&quot;movieTitle&quot;;value="&quot; {TitleNoHtml}
&quot;;/&gt;&lt;/object&gt;"/>
<browserid="ie"htmlOutput="&lt;object classid="&quot;clsid:67DABFBF-D0AB-41fa-9C46-CC0F21721616&quot;;codebase="&quot;
http://go.divx.com/plugin/DivXBrowserPlugin.cab &quot;;style="&quot;;width: {Width}px;height: {Height}px; &quot;;&gt;&lt;;param name=
&quot;src&quot;;value="&quot; {HostUrl} {MediaObjectUrl} &quot;;/&gt;&lt;;param name="&quot;mode&quot;;value="&quot;full&quot;;/
&gt;&lt;;param name="&quot;minVersion&quot;;value="&quot;1.0.0&quot;;/&gt;&lt;;param name="&quot;allowContextMenu&quot;;value=
&quot;true&quot;;/&gt;&lt;;param name="&quot;autoPlay&quot;;value="&quot; {AutoStartMediaObjectText} &quot;;/&gt;&lt;;param name=
&quot;loop&quot;;value="&quot;false&quot;;/&gt;&lt;;param name="&quot;bannerEnabled&quot;;value="&quot;false&quot;;/&gt;&lt;;param
name="&quot;bufferingMode&quot;;value="&quot;auto&quot;;/&gt;&lt;;param name="&quot;previewMessage&quot;;value="&quot;Click to
start video &quot;;/&gt;&lt;;param name="&quot;previewMessageFontSize &quot;;value="&quot;24&quot;;/&gt;&lt;;param name="&quot;
movieTitle&quot;;value="&quot; {TitleNoHtml} &quot;;/&gt;&lt;/object&gt;"/>
</browsers>
</mediaObject>
```

Feature Details

Feature Id 139

Project Gallery Server Pro

Name Change rendering behavior for AVI and and WVX files

Build # 2.3	Start Date 1/28/2009	Priority Low
Estimated Work 2 hrs	Due Date	Status Closed
Actual Work 2 hrs	Completion Date 1/29/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Render AVI and WVX files in the browser instead of providing a hyperlink that opens the file outside the user's browser.

Notes

Implemented by deleting the following HTML template:

```
<mediaObject mimeType="video/x-ms-wvx">
  <browsers>
    <browser id="default" htmlOutput="&lt;a href=&quot;{MediaObjectAbsoluteUrlNoHandler}&quot;&gt;Click to
open video&lt;/a&gt;" />
  </browsers>
</mediaObject>
```

This causes these files to be handled by the generic video template, which will render the files in an <object> tag.

I spent quite a bit of time trying to modify the template where I use the codebase attribute so that the media player plug-in will automatically install for IE users, but I couldn't get it working. All the internet examples I found used URL's like <http://activex.microsoft.com/activex/controls/mplayer/en/nsmp2inf.cab#Version=5,1,52,701>, but it doesn't seem to be a valid URL. Not sure if MS no longer supports this or what.

Feature Id 140

Project Gallery Server Pro

Name Improve rendering of PDF and Microsoft Word documents

Build # 2.3	Start Date 1/30/2009	Priority Low
Estimated Work 6 hrs	Due Date	Status Closed
Actual Work 6 hrs	Completion Date 1/30/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

When a user navigates to a PDF or Microsoft Word documents a generic message is displayed:

"Your browser cannot display this media object, but you can download it by clicking the download link in the toolbar."

PDF's *can* be displayed in the browser if the Adobe Reader plug-in is installed. Change the behavior to render these in the browser by default.

For Word documents, show a hyperlink to the Word document to provide for a more intuitive experience.

Notes

Added HTML templates for PDF, DOCX, and DOC file types:

Feature Details

```
<
mediaObjectmimeType="application/pdf">
<browsers>
<browserid="default"htmlOutput="&lt;p&gt;&lt;a href=&quot;{MediaObjectUrl}&quot;&gt;Enlarge PDF to fit browser window&lt;/a
&gt;&lt;/p&gt;&lt;iframe src=&quot;{MediaObjectUrl}&quot;frameborder=&quot;0&quot;style=&quot;
width:680px;height:600px;border:1px solid #000;&quot;&gt;&lt;/iframe&gt;"/>
</browsers>
</mediaObject>
```

```
<
mediaObjectmimeType="application/vnd.openxmlformats-officedocument.wordprocessingml.document">
<browsers>
<browserid="default"htmlOutput="&lt;p style=&quot;margin-bottom:5em;&quot;&gt;&lt;a href=&quot;{MediaObjectUrl}&quot;title=
&quot;Download {TitleNoHtml}&quot;&gt;Download {TitleNoHtml}&lt;/a&gt;&lt;/p&gt;"/>
</browsers>
</mediaObject>
```

```
<
mediaObjectmimeType="application/msword">
<browsers>
<browserid="default"htmlOutput="&lt;p style=&quot;margin-bottom:5em;&quot;&gt;&lt;a href=&quot;{MediaObjectUrl}&quot;title=
&quot;Download {TitleNoHtml}&quot;&gt;Download {TitleNoHtml}&lt;/a&gt;&lt;/p&gt;"/>
</browsers>
</mediaObject>
```

PDF files are displayed in a 680x600 iframe, just below a URL that points to the PDF file. Users can edit the template if a different size is desired. Modified EvaluateMediaObjects() in gs\controls\mediaobjectview.ascx.cs to allow the width of generic media objects to be included in the calculation of the widest media object in an album. This helps work around an issue in Firefox where the hidden metadata popup window rendered a grey box over a portion of the Adobe Reader plug-in that is rendered in an iframe. It also makes sure the metadata popup is correctly positioned to the right of the Adobe Reader plug-in. Note that this works best when the default width of a generic media object is roughly the same as the width of the iframe specified in the PDF HTML template. The default values are 640 (defaultGenericObjectWidth) and 680 (as seen above in the application/pdf template)

Word documents are rendered as a simple hyperlink. The HTTP handler is used by default, which will cause the file open/save as dialog box to show the name of the file as getmediaobject.ashx. One can use {MediaObjectAbsoluteUrlNoHandler} or {MediaObjectRelativeUrlNoHandler} instead of {MediaObjectUrl} to trigger the dialog box to use the actual file name. Note that this approach bypasses the security benefits of the HTTP handler.

I considered adding the Word document syntax to other file types, but decided against it in order to keep galleryserverpro.config simpler. Users can easily copy and paste the <mediaObject> tag to create additional sections for new file types.

Feature Id 141

Project Gallery Server Pro

Name Disable background page when uploading files

Build # 2.3	Start Date 2/2/2009	Priority Low
Estimated Work 1 hrs	Due Date	Status Closed
Actual Work 1 hrs	Completion Date 2/2/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Disable the background page when uploading files. This will force the user to accept the upload or else click Cancel to abort it.

Notes

Feature Details

Changed the Model property to true on the Dialog control used during file uploads. This was done in gs\pages\tasks\addobjects.ascx and gs\pages\admin\backuprestore.ascx. This provided the desired functionality and also dimmed the background, which is useful for enhancing the focus on the popup window.

This change only affects applications running under Full Trust, as only those apps use the ComponentArt Upload controls.

Feature Id 143

Project Gallery Server Pro

Name Allow the deletion of multiple albums in one step

Build # 2.3	Start Date 3/10/2009	Priority Low
Estimated Work 2 hrs	Due Date	Status Closed
Actual Work 2 hrs	Completion Date 3/10/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Currently the only way to delete an album is to choose the Delete this album option from the Actions menu. This process must be repeated for each album. Improve the process so that multiple albums can be deleted in one step.

Notes

This was implemented by including the child albums in the list of objects on the Delete objects task page. This is a recursive action which affects all children, grandchildren, etc.

Feature Id 144

Project Gallery Server Pro

Name Improve help icon popup behavior

Build # 2.3	Start Date 3/19/2009	Priority Low
Estimated Work 2 hrs	Due Date	Status Closed
Actual Work 2 hrs	Completion Date 3/19/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

The help icon that appears throughout the application shows a popup help window when clicked and disappears when the user mouses away from the icon. This makes it impossible to highlight the text for copying and causes it to unexpectedly disappear when scrolling the window (perhaps to show the rest of the popup window).

Change the behavior to be more user friendly.

Notes

Modified PopupInfo.cs and PopupInfoItem.cs in the WebControls class so that instead of closing the popup on the mouseout event, it now closes when the user left-clicks anywhere on the screen besides the popup.

This change necessitated removing the DialogControlId property on the PopupInfoItem class (which wasn't used anyway) and renaming the DefaultDialogControlId property on the PopupInfo class to DialogControlId.

Feature Details

Feature Id 145	Project Gallery Server Pro
Name Add support for rtf files	

Build # 2.3	Start Date 3/20/2009	Priority Low
Estimated Work 15 min	Due Date	Status Closed
Actual Work 15 min	Completion Date 3/20/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Add support for rtf files

Notes

Added the following to galleryserverpro.config:

```
<mimeType fileExtension=".rtf" browserId="default" type="application/rtf" allowAddToGallery="true" />
```

Feature Id 146	Project Gallery Server Pro
Name Allow user albums	

Build # 2.3	Start Date 2/23/2009	Priority Medium
Estimated Work 40 hrs	Due Date	Status Closed
Actual Work 40 hrs	Completion Date 3/23/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Allow each user account to automatically be associated with a specific album.

Notes

Required the creation of the following galleryserverpro.config settings:

```
enableUserAlbum
userAlbumParentAlbumId
userAlbumNameTemplate
redirectToUserAlbumAfterLogin
```

Feature Id 149	Project Gallery Server Pro
Name Ability to update web.config and galleryserverpro.config in medium trust	

Build # 2.3	Start Date	Priority Medium
Estimated Work 8 hrs	Due Date	Status Closed
Actual Work 8 hrs	Completion Date 4/28/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

The Install Wizard and many settings in the Site Admin area update web.config and galleryserverpro.config using the Configuration API, which requires Full Trust. This negatively affects many users.

Notes

The web configuration API requires Full Trust, so that technique was replaced with standard XML processing using the XmlDocument class. A new controller class named GalleryServerPro.Web.Controller.GspConfigController was created to wrap this functionality.

Feature Details

Feature Id 150

Project Gallery Server Pro

Name Add option to always discard original image after uploading or synchronizing

Build # 2.3	Start Date 4/29/2009	Priority Low
Estimated Work 4 hrs	Due Date 4/29/2009	Status Closed
Actual Work 1 hrs	Completion Date 4/29/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Add option to always discard original image when it is added to the gallery, whether through an upload or by synchronizing.

Notes

Added configuration setting discardOriginalImageDuringImport. Modified Add Objects page to pre-select and disable the "Discard original image" checkbox when setting is true. Modified SynchronizationManager class so that originals are deleted after images are added when setting is true.

Exposed setting on images page in Site Admin.

Feature Id 151

Project Gallery Server Pro

Name Add additional functionality to My Account page

Build # 2.3	Start Date 5/1/2009	Priority Medium
Estimated Work 8 hrs	Due Date	Status Closed
Actual Work 8 hrs	Completion Date 5/12/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Add additional functionality to My Account page

Notes

Added the following features and information:

- * Ability to edit user's description.
- * Displayed the user's last activity date, logon date, password change date, and account creation date.
- * Ability to disable the user's personal album (shown only when user albums are enabled)
- * Ability to delete one's own account.

Feature Id 152

Project Gallery Server Pro

Name Improve performance of album treeview

Build # 2.3	Start Date 5/5/2009	Priority Medium
Estimated Work 2 hrs	Due Date	Status Closed
Actual Work 2 hrs	Completion Date 5/5/2009	Percent Complete 100
Requested By Roger Martin	Assigned To Roger Martin	

Description

Feature Details

A treeview of the albums is shown when a user creates an album or moves / copies objects. The treeview renders all the albums the current user has permission to view, but only those albums where the user has the required permission (e.g. adding an album, adding a media object) are rendered with checkboxes.

When there are thousands of albums a user has view permission to, the treeview can take a long time to render. Change the behavior so that only the objects the user can select are shown.

Notes

Changed the rendering of the albumtreeview user control so that it only shows those albums the user can select for the current operation (create album, move/copy objects, etc). All nodes (except the root album if it is virtual) are rendered with a checkbox and are selectable.

As a result of this change, the RequiredSecurityPermissions is now required. I added validation so that an exception is thrown if this property is not set. This required explicitly setting it in the User Settings and Manage Roles pages.

Feature Id 153

Project Gallery Server Pro

Name Add option to prevent copying objects the user has read-only access for

Build # 2.3

Start Date 5/5/2009

Priority Medium

Estimated Work 2 hrs

Due Date

Status Closed

Actual Work 2 hrs

Completion Date 5/5/2009

Percent Complete 100

Requested By Roger Martin

Assigned To Roger Martin

Description

Currently, GSP allows a user to copy any object she has permission to view. Some administrators prefer to restrict this so that users can copy objects only from albums they have write access to.

Notes

Added configuration setting allowCopyingReadOnlyObjects to give administrators a choice. When true, the existing behavior is preserved. When false, the user must have write access to the album in order to copy objects from it.

Exposed config setting on Site Admin - General page.

Feature Id 154

Project Gallery Server Pro

Name Improve database performance

Build # 2.3

Start Date

Priority Medium

Estimated Work 2 hrs

Due Date

Status Closed

Actual Work 2 hrs

Completion Date 5/14/2009

Percent Complete 100

Requested By Roger Martin

Assigned To Roger Martin

Description

Ensure that database is performing as fast as possible through analysis of existing indexes.

Notes

Added 3 indexes to the SQLite schema:

[CREATE INDEX](#)

Feature Details

```
[idxAlbum_AlbumId_FKGalleryId]ON[gs_Album] ('AlbumId','FKGalleryId');
CREATE INDEX[idxAlbum_AlbumParentId_FKGalleryId]ON[gs_Album] ('AlbumParentId','FKGalleryId');
CREATE INDEX[idxMediaObject]ON[gs_MediaObject] ('FKAlbumId');
```

Added one index to the SQL Server schema:

IF NOT EXISTS

```
(SELECT*FROMsys.indexesWHERE object_id=OBJECT_ID(N'[dbo].[gs_Album]')AND name= N
'IDX_gs_Album_AlbumParentId_FKGalleryId')
CREATE NONCLUSTERED INDEX[IDX_gs_Album_AlbumParentId_FKGalleryId]ON[dbo].[gs_Album]
(
 [FKGalleryId]ASC,
 [AlbumParentId]ASC
)WITH(PAD_INDEX =OFF, STATISTICS_NORECOMPUTE =OFF, SORT_IN_TEMPDB =OFF, IGNORE_DUP_KEY =OFF,
DROP_EXISTING =OFF, ONLINE =OFF, ALLOW_ROW_LOCKS =ON, ALLOW_PAGE_LOCKS =ON)
GO
```

Feature Id 155

Project Gallery Server Pro

Name Improve rendering of TXT and HTML documents

Build # 2.3

Start Date 5/14/2009

Priority Medium

Estimated Work 10 min

Due Date

Status Closed

Actual Work 10 min

Completion Date 5/14/2009

Percent Complete 100

Requested By Roger Martin

Assigned To Roger Martin

Description

When a user navigates to a TXT or HTML document a generic message is displayed:

"Your browser cannot display this media object, but you can download it by clicking the download link in the toolbar."

Render these in an <iframe> instead.

Notes

Added an HTML template in galleryserverpro.config for text and HTML documents to render them in an iframe:

```
<mediaObjectmimeType="text/plain">
<browsers>
  <browserid="default"htmlOutput="&lt;p&gt;&lt;a href="&quot;{MediaObjectUrl}&quot;&gt;&gt;Enlarge file to fit browser window &lt;/a
&gt;&lt;/p&gt;&lt;iframe src="&quot;{MediaObjectUrl}&quot; frameborder="&quot;0&quot; style="&quot;
width:680px;height:600px;border:1px solid #000;&quot;&gt;&lt;/iframe&gt;"/>
</browsers>
</mediaObject>

<mediaObjectmimeType="text/html">
<browsers>
  <browserid="default"htmlOutput="&lt;p&gt;&lt;a href="&quot;{MediaObjectUrl}&quot;&gt;&gt;Enlarge file to fit browser window &lt;/a
&gt;&lt;/p&gt;&lt;iframe src="&quot;{MediaObjectUrl}&quot; frameborder="&quot;0&quot; style="&quot;
width:680px;height:600px;border:1px solid #000;&quot;&gt;&lt;/iframe&gt;"/>
</browsers>
</mediaObject>
```