

Defect Details

Defect Id: 215

Project: Gallery Server Pro

Name: Cannot edit album summary in Chrome or Safari

Date Found: 6/4/2009

Build #: 2.3.3440

Severity: Medium Impact

Date Fixed: 4/2/2010 12:00:00 AM

Build # of Fix: 2.3.3744

Status: Closed

Original Work: 2 hrs

Assigned To: Roger Martin

Priority: Medium

Actual Work: 1 hrs

Reported By: Roger Martin

Percent Complete: 100

Description

When editing the album info using Google Chrome or Apple Safari, the summary field is blank, regardless whether there is text to edit. This happens only when the text is contained within an HTML tag, such as a div or p.

Resolution

Changed the element that contains the summary label and summary from a <p> to a <div>. This is in Website\gs\controls\albumheader.ascx.

Defect Id: 232

Project: Gallery Server Pro

Name: GSP fails when anonymous identification is disabled

Date Found: 8/26/2009

Build #: 2.3.3512

Severity: Low Impact

Date Fixed: 11/29/2009 12:00:00 AM

Build # of Fix: 2.3.3744

Status: Closed

Original Work: 2 hrs

Assigned To: Roger Martin

Priority: Low

Actual Work: 4 hrs

Reported By: Roger Martin

Percent Complete: 100

Description

By default anonymous identification is enabled in web.config:

```
<anonymousIdentification enabled="true" />
```

When GSP is integrated into another application that requires it to be disabled (such as YetAnotherForum), the following error occurs:

System.ArgumentNullException: Value cannot be null. Parameter name: userName

Stack trace:

```
at GalleryServerPro.Web.Controller.ProfileController.GetProfile(String userName) in
C:\Development\TIS.GSP\trunk\Website\CodeFiles\Controller\ProfileController.cs:line 60
at GalleryServerPro.Web.Controller.ProfileController.GetProfile() in
C:\Development\TIS.GSP\trunk\Website\CodeFiles\Controller\ProfileController.cs:line 47
at GalleryServerPro.Web.Controls.mediaobjectview.ShowMediaObjectMetadata() in
C:\Development\TIS.GSP\trunk\Website\gs\controls\mediaobjectview.ascx.cs:line 391
at GalleryServerPro.Web.Controls.mediaobjectview.Page_Load(Object sender, EventArgs e) in
C:\Development\TIS.GSP\trunk\Website\gs\controls\mediaobjectview.ascx.cs:line 41
at System.Web.Util.CalliHelper.EventArgFunctionCaller(IntPtr fp, Object o, Object t, EventArgs e)
at System.Web.Util.CalliEventHandlerDelegateProxy.Callback(Object sender, EventArgs e)
at System.Web.UI.Control.OnLoad(EventArgs e)
at System.Web.UI.Control.LoadRecursive()
at System.Web.UI.Control.LoadRecursive()
at System.Web.UI.Control.LoadRecursive()
at System.Web.UI.Control.LoadRecursive()
at System.Web.UI.Control.LoadRecursive()
at System.Web.UI.Control.LoadRecursive()
at System.Web.UI.Page.ProcessRequestMain(Boolean includeStagesBeforeAsyncPoint, Boolean
```

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includeStagesAfterAsyncPoint)

The only reason anonymous identification is used for anonymous users is to remember whether the user wants the image metadata popup window to be displayed. This functionality can be moved to session state.

Resolution

Moved profile info for anonymous users to session state. That means it will be lost when the session expires, but that is fine.

Defect Id: 233

Project: Gallery Server Pro

Name: Download objects page shows private albums for anonymous users

Date Found: 9/27/2009

Build #: 2.3.3512

Severity: Low Impact

Date Fixed: 3/2/2010 12:00:00 AM

Build # of Fix: 2.3.3713

Status: Closed

Original Work: 2 hrs

Assigned To: Roger Martin

Priority: Low

Actual Work: 30 min

Reported By: Roger Martin

Percent Complete: 100

Description

The Download objects page shows private albums and media objects for anonymous users. Although it correctly doesn't show the contents of this album or allow downloading any objects in it, the objects themselves should not be shown.

Resolution

The code-behind file for the download objects page (~\gs\pages\task\downloadobjects.ascx.cs) has a property named GalleryObjects that retrieves the objects for the current album. This property calls the Factory method IGalleryObject.GetChildGalleryObjects to get the list of objects. However, the wrong overload of this method was called. It should have called the overload that contained the excludePrivateObjects parameter.

The fix, therefore, was to change this line:

```
this._galleryObjects = this.GetAlbum().GetChildGalleryObjects(GalleryObjectType.All, true);  
to this:
```

```
this._galleryObjects = this.GetAlbum().GetChildGalleryObjects(GalleryObjectType.All, true, IsAnonymousUser);
```

Defect Id: 234

Project: Gallery Server Pro

Name: Private media objects copied to a public album remain private

Date Found: 9/27/2009

Build #: 2.3.3512

Severity: Medium Impact

Date Fixed: 3/2/2010 12:00:00 AM

Build # of Fix: 2.3.3713

Status: Closed

Original Work: 4 hrs

Assigned To: Roger Martin

Priority: Medium

Actual Work: 1 hrs

Reported By: Roger Martin

Percent Complete: 100

Description

The IsPrivate column of media objects added to a private album is set to true. If these objects are later copied to a public album, the IsPrivate column retains its original value, resulting in objects that cannot be seen even though they exist in a public album.

Resolution

The CopyTo and MoveTo functions in the GalleryObject class were modified to include a line that updated the IsPrivate property to that of the parent album's IsPrivate property value.

Note that private albums copied to public albums remain private. This is by design, as some users would not want their private albums suddenly becoming publicly viewable after they are moved or copied.

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Defect Id: 235

Project: Gallery Server Pro

Name: Possible NullReferenceException when generating error report

Date Found: 10/26/2009

Build #: 2.3.3512

Severity: Low Impact

Date Fixed: 10/26/2009
12:00:00 AM

Build # of Fix: 2.3.3586

Status: Closed

Original Work: 10 min

Assigned To: Roger Martin

Priority: Low

Actual Work: 10 min

Reported By: Roger Martin

Percent Complete: 100

Description

There is an error in this function in GalleryServerPro.ErrorHandler.AppError:

```
private static string HtmlEncode(string str)
{
    return HttpUtility.HtmlEncode(str).Replace("\r\n", "<br />");
}
```

If str is null, then HttpUtility.HtmlEncode returns null, resulting in a NullReferenceException.

Resolution

The fix is to check for null before calling HttpUtility.HtmlEncode:

```
private static string HtmlEncode(string str)
{
    return (str == null ? null : HttpUtility.HtmlEncode(str).Replace("\r\n", "<br />"));
}
```

Defect Id: 236

Project: Gallery Server Pro

Name: Active Directory integration not working

Date Found: 10/26/2009

Build #: 2.3.3512

Severity: Medium Impact

Date Fixed: 10/26/2009
12:00:00 AM

Build # of Fix: 2.3.3586

Status: Closed

Original Work: 1 hrs

Assigned To: Roger Martin

Priority: Medium

Actual Work: 1 hrs

Reported By: Roger Martin

Percent Complete: 100

Description

The latest release of GSP generates the following error when used with the ActiveDirectoryMembershipProvider:

"property 'LastActivityDate' is not supported by the Active Directory membership provider"

Resolution

There are several AD membership properties that will throw an exception if invoked: IsOnline, LastActivityDate, and LastLoginDate. Modified GalleryServerPro.Web.Controller.UserController.ToUserEntity() to avoid invoking these properties when the AD provider is used:

```
private static UserEntity ToUserEntity(MembershipUser u)
{
    if (u == null)
        return null;

    if (MembershipGsp.GetType().ToString() == "System.Web.Security.ActiveDirectoryMembershipProvider")
    {
        // The AD provider does not support a few properties so substitute default values for them.
    }
}
```

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```
return new UserEntity(u.Comment, u.CreationDate, u.Email, u.IsApproved, u.IsLockedOut, false, DateTime.MinValue,
u.LastLockoutDate, DateTime.MinValue, u.LastPasswordChangedDate, u.PasswordQuestion, u.ProviderName,
u.ProviderUserKey, u.UserName);
}
else
{
return new UserEntity(u.Comment, u.CreationDate, u.Email, u.IsApproved, u.IsLockedOut, u.IsOnline, u.LastActivityDate,
u.LastLockoutDate, u.LastLoginDate, u.LastPasswordChangedDate, u.PasswordQuestion, u.ProviderName,
u.ProviderUserKey, u.UserName);
}
}
```

Also modified GalleryServerPro.Web.Controller.UserController.ToMembershipUser() to remove references to LastActivityDate and LastLoginDate.

Defect Id: 237

Project: Gallery Server Pro

Name: Cannot assign multiple roles to new user accounts

Date Found: 10/26/2009

Build #: 2.3.3512

Severity: Medium Impact

Date Fixed: 10/26/2009
12:00:00 AM

Build # of Fix: 2.3.3586

Status: Closed

Original Work: 30 min

Assigned To: Roger Martin

Priority: Medium

Actual Work: 30 min

Reported By: Roger Martin

Percent Complete: 100

Description

There is a bug in the validation logic on the User Settings page in the Site admin area for the default roles for self-registered users. If you select multiple roles to be assigned to new users and then click Save, you will get the following error:

The role YourRoleName does not represent an existing role.

Where "YourRoleName" is the second role listed in the selection.

Resolution

The logic that validates the selected roles names does not trim the leading space from the name. Added a Trim() to function ValidateDefaultRolesForSelfRegisteredUser in \gs\pages\admin\usersettings.ascx.cs, as seen here:

```
...
if (!RoleController.RoleExists(Util.HtmlDecode(roleName.Trim())))
...
```

Defect Id: 240

Project: Gallery Server Pro

Name: Edit caption window not rendering correctly in Opera

Date Found: 1/3/2010

Build #: 2.3.3512

Severity: Low Impact

Date Fixed: 4/5/2010 12:00:00
AM

Build # of Fix: 2.3.3744

Status: Closed

Original Work: 1 hrs

Assigned To: Roger Martin

Priority: Medium

Actual Work: 30 min

Reported By: Roger Martin

Percent Complete: 100

Description

The edit box for editing a media object's caption is rendered as only a few pixels in height in Opera. This was reported by a user at:

http://www.galleryserverpro.com/forum/yaf_postst985_Changing-image-descriptions-does-not-work-in-Opera-browser.aspx

The textarea element is styled with this CSS:

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```
.gsp_ns .mediaObjectTitleTextArea {  
position: absolute;  
top: 2px;  
bottom: 30px;  
left: 3px;  
width: 98%;  
height: auto;  
}
```

His suggestion is to modify the height to use 5em instead of auto.

Resolution

Used CSS to specify that the minimum height for the text box is 80 pixels. Did this by adding the min-height style to the CSS class mediaObjectTitleTextArea:

```
.gsp_ns .mediaObjectTitleTextArea {position:absolute;top:2px;bottom:30px;left:3px;width:98%;height:auto;min-height:80px;}
```

Defect Id: 241

Project: Gallery Server Pro

Name: Replacement parameters in HTML templates do not properly encode characters

Date Found: 1/27/2010

Build #: 2.3.3512

Severity: Low Impact

Date Fixed: 4/5/2010 12:00:00 AM

Build # of Fix: 2.3.3747

Status: Closed

Original Work: 1 hrs

Assigned To: Roger Martin

Priority: Medium

Actual Work: 2 hrs

Reported By: Roger Martin

Percent Complete: 100

Description

The replacement parameters MediaObjectAbsoluteUrlNoHandler and MediaObjectRelativeUrlNoHandler do not seem to properly encode the file name. For example, the file name TheKing&L.wmv does not work.

Resolution

Performed two changes:

1. Since the ampersand (&) can not be encoded in IIS7 in such a way that it can be used in the main part of an URL, the URL must be constructed such that it is not present. This means removing it from the file name when a media object is added. This was accomplished by modifying the function RemoveInvalidFileNameCharacters in GalleryServerPro.Business.HelperFunctions.cs to include the ampersand as one of the banned characters.
2. Updated the functions ReplaceMediaObjectAbsoluteUrlNoHandlerParameter and ReplaceMediaObjectRelativeUrlNoHandlerParameter in GalleryServerPro.Web.MediaObjectHtmlBuilder.cs to call the encode function on the URL to the media object.

Defect Id: 242

Project: Gallery Server Pro

Name: Backup function does not create backup file when gallery data option is unchecked (SQL Server only)

Date Found: 3/1/2010

Build #: 2.3.3512

Severity: Low Impact

Date Fixed: 3/1/2010 12:00:00 AM

Build # of Fix: 2.3.3712

Status: Closed

Original Work: 1 hrs

Assigned To: Roger Martin

Priority: Low

Actual Work: 1 hrs

Reported By: Roger Martin

Percent Complete: 100

Description

When a backup file is requested on the Backup/Restore page, an admin can select membership data, gallery data, or both. When gallery data is unchecked and the user is using the SQL Server provider, the backup file is never generated.

Since GSP still attempts to send the missing file, the browser generates an Open/Save As dialog. But since a

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FileNotFoundException is generated on the server, the HTTP response never finishes, resulting in the appearance of a hanging connection to the user. The error log correctly shows the FileNotFoundException but the user experience could be improved.

This bug applies only to the SQL Server provider, although the poor error handling applies to both.

Resolution

The DataUtility class in the SQL Server data provider was calling the WriteXml method only when the gallery data option was checked. The code was modified so that this line is called regardless of the checkbox states.

Also, the btnExportData_Click method in backuprestore.ascx.cs was modified to trap the situation where the backup file is not generated by the data provider.

Defect Id: 243

Project: Gallery Server Pro

Name: Cannot delete user

Date Found: 3/2/2010

Build #: 2.3.3512

Severity: Medium Impact

Date Fixed: 3/2/2010 12:00:00 AM

Build # of Fix: 2.3.3713

Status: Closed

Original Work: 4 hrs

Assigned To: Roger Martin

Priority: Medium

Actual Work: 2 hrs

Reported By: Roger Martin

Percent Complete: 100

Description

When deleting a user on the Manage Users page in the Site admin area, you might receive the following message:

"You are attempting to delete the only user with Administer site permission. If you want to delete this account, first assign another account to a role with Administer site permission."

This may occur even when other accounts have the Admin site permission.

Resolution

The UserController class in the web project has a function ValidateDeleteUser to verify the user can be deleted. This function iterates through each role that has Site admin permission and checks to see if any of them have a user *other* than the one being deleted. If it finds one, it allows the user to be deleted.

This function had a bug where it would throw the error if the *first* role with Site admin permission did not have any members other than the one being deleted.

The fix was to finish iterating through all the roles before checking to see if it found a user other than the one being deleted.

Defect Id: 245

Project: Gallery Server Pro

Name: User might receive "Insufficient Permission" message

Date Found: 3/11/2010

Build #: 2.3.3512

Severity: Low Impact

Date Fixed: 3/11/2010 12:00:00 AM

Build # of Fix: 2.3.3721

Status: Closed

Original Work: 1 hrs

Assigned To: Roger Martin

Priority: Low

Actual Work: 1 hrs

Reported By: Roger Martin

Percent Complete: 100

Description

The user may receive the message "Insufficient Permission" the first time he accesses the gallery. This occurs when all of the following are true:

- * User albums are enabled.
- * The gallery has been configured such that the user has permission to view *only* his or her user album.
- * The user logs in to the application by some mechanism other than the built-in login function. For example, GSP may be

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integrated into an existing application that already has a login function or the user may be using the DotNetNuke version of GSP, which uses the DNN login function.

* This is the first time the user accesses their gallery.

In this situation, GSP will dynamically create the user's album, but only *after* it generates the "Insufficient Permission" message. If the user immediately refreshes the page, he is redirected to their user album and all is well, but it would be better if the user album is shown on the very first page load.

Resolution

A call to ValidateUserAlbum was added earlier in the page life cycle so that the user album exists by the time the page logic requests it. Specifically, this code was added to the GalleryPage_Init event of the base class GalleryServerPro.Web.Pages.GalleryPage:

```
if (Util.IsAuthenticated && this.Core.EnableUserAlbum)
{
    UserController.ValidateUserAlbum(Util.UserName);
}
```

Defect Id: 246

Project: Gallery Server Pro

Name: Incorrect behavior when adding a ZIP file

Date Found: 3/12/2010

Build #: 2.3.3512

Severity: Low Impact

Date Fixed: 3/12/2010
12:00:00 AM

Build # of Fix: 2.3.3723

Status: Closed

Original Work: 1 hrs

Assigned To: Roger Martin

Priority: Low

Actual Work: 1 hrs

Reported By: Roger Martin

Percent Complete: 100

Description

When uploading a ZIP file containing an embedded directory, GSP checks to see if an existing directory has that name. If it does, it uses it - and the associated album - as the container for any files the ZIP directory contains.

However, when the directory in the ZIP archive differs only by case (ex: "planet earth" vs "Planet Earth"), GSP will place the new files in the existing directory (as it should) but it creates a new album (it should reuse the existing album). If the user subsequently performs a synchronization, the new album is deleted and the objects it contained are moved to the other album.

The correct behavior is that GSP should reuse the existing directory *and* album.

Resolution

Modified the VerifyAlbumExistsAndReturnReference function in GalleryServerPro.Business.ZipUtility to perform a case-insensitive comparison between the directory name in the media objects location and the directory name in the ZIP archive.

Defect Id: 247

Project: Gallery Server Pro

Name: Backslash in user name or role causes edit user/edit role dialog failure

Date Found: 3/19/2010

Build #: 2.3.3512

Severity: Low Impact

Date Fixed: 3/19/2010
12:00:00 AM

Build # of Fix: 2.3.3730

Status: Closed

Original Work: 1 hrs

Assigned To: Roger Martin

Priority: Medium

Actual Work: 1 hrs

Reported By: Roger Martin

Percent Complete: 100

Description

A backslash in the name of a user or role causes an issue on the manage users / manage roles page. If you click Edit next to one of these users or roles, the edit user/edit role dialog appears. However, the dialog is unable to close when clicking Save changes or Cancel.

Resolution

Updated the javascript in manageusers.ascx.cs to escape any backslashes:

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```
function getUsername(dataItem)
{{
    var userName = dataItem.getMember('UserName').get_value();
    // Escape quotes, apostrophes and back slashes. Replace encoded < symbol (#%cLt#%) caused by CA with <
    return encodeURI(userName.replace(/"/g, "\\").replace(/'/g, "\\'").replace(/\\/g, '\\\\').replace(/#%cLt#%/g, '<'));
}}
```

```
function getUsernameNoEncode(dataItem)
{{
    var userName = dataItem.getMember('UserName').get_value();
    // Escape quotes, apostrophes and back slashes
    return userName.replace(/"/g, "\\").replace(/'/g, "\\'").replace(/\\/g, '\\\\');
}}
```

Made a similar change in manageroles.ascx.cs:

```
function getRoleName(dataItem)
{{
    var roleName = dataItem.getMember('RoleName').get_value();
    // Escape quotes, apostrophes and back slashes. Replace encoded < symbol (#%cLt#%) caused by CA with <
    return encodeURI(roleName.replace(/"/g, "\\").replace(/'/g, "\\'").replace(/\\/g, '\\\\').replace(/#%cLt#%/g, '<'));
}}
```

```
function getRoleNameNoEncode(dataItem)
{{
    var roleName = dataItem.getMember('RoleName').get_value();
    // Escape quotes, apostrophes and back slashes
    return roleName.replace(/"/g, "\\").replace(/'/g, "\\'").replace(/\\/g, '\\\\');
}}
```