

Gallery Server - Fixed Defect Report

Version 4.4.0

Defect: Error "Invalid state of GalleryServerRole instance" may occur

ID: 247

Created: 16-Mar-17

Closed: 16-Mar-17

State: Done

Area: Gallery Server

Iteration: 4.4.0

Issue Detail: The following error may occur:

Invalid state of GalleryServerRole instance: The AllAlbumIds property has a count of zero but the RootAlbumIds has a count greater than zero. The count of AllAlbumIds must be equal to or greater than the count of RootAlbumIds. This situation can happen if the RootAlbumIds property is modified and not persisted to the data store. Calling the Save() method will automatically cause the AllAlbumIds property to be reloaded from the data store.

We were unable to generate repro steps.

Resolution: Modified the getter for the AllAlbumIds property in GalleryServerRole so that, instead of throwing this error when the _allAlbumIds field is empty, attempts to automatically populate it. It doesn't solve the root issue of why the field is empty but at least it fixes the issue and allows the code to continue working.

Defect: Event logger may contain password

ID: 249

Created: 11-Apr-17

Closed: 11-Apr-17

State: Done

Area: Gallery Server

Iteration: 4.4.0

Issue Detail: The event logging system records all form variables, including potentially sensitive data from password controls. Passwords should not be persisted.

Resolution: Modified the event logger to exclude any form variable with the word 'password' in its name.

Defect: Gallery Server may alter XML in user description

ID: 248

Created: 05-Apr-17

Closed: 11-Apr-17

State: Done

Area: Gallery Server

Iteration: 4.4.0

Issue Detail: If a user's description contains XML, it may be altered slightly when an administrator saves a user.

Repro steps:

* Add the following description to a user and save:

```
<root>
<profile language="en" />
</root>
```

* The XML is correctly persisted to the data store.

* Reload the page, open the user, and save again. This time the following XML is persisted:

```
<root>
<profile language="en" ></profile>
</root>
```

* Notice the profile element was converted from a self-closing tag to one with an explicit closing tag. Both are valid XML and should not cause issues, but it is better if the XML is not altered.

* This behavior is coming from how a browser interprets XML that is placed within the open and close elements of a textarea tag. It was confirmed in IE11, Chrome, Firefox, and Edge.

Resolution: The fix is to encode the XML in the browser. This was done by changing `{{:Comment}}` to `{{>Comment}}` in the jsRender template in manageusers.ascx.

Defect: Cannot delete orphan album from User Settings page

ID: 250

Created: 03-Jul-17

Closed: 18-Aug-17

State: Done

Area: Gallery Server

Iteration: 4.4.0

Issue Detail: The User Albums section of the User Settings page detects any albums that live in the parent album for user albums but are no longer assigned to a user. These are considered orphan albums and the page gives the administrator an option to delete them. However, the following error occurs:

An error occurred on the server. Check the gallery's event log for details.

The event log contains these details:

This gallery object (ID 6803, Album) is not updateable.

Stack trace:

```
at GalleryServer.Business.GalleryObject.VerifyInstanceIsUpdateable()
at GalleryServer.Business.GalleryObject.ValidateSave()
at GalleryServer.Business.GalleryObject.Save()
at GalleryServer.Web.Controller.AlbumController.ValidateAlbumOwner(IAlbum album)
at GalleryServer.Web.Api.AlbumsController.Delete(Int32 id)
```

Resolution: Modified ValidateAlbumOwner() to make sure the album instance is writable. If not, a new writable instance is created and that one is updated.
