

SiteBeater Image Gallery Manual

Rev. 2.03 – 2004-04-23



SiteBeater

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1

Requirements

Summary:	Third party software packages that can be used with the Image Gallery.
Audience:	Administrator
Before You Begin:	Purchase and install the SiteBeater Foundation. Make sure you have this software.
Topics Include:	Third-party Software
See Also:	Edit-On Pro setup in the SiteBeater documentation, and the ASPIImage documentation.

Third-party Software

Software packages used with the SiteBeater Image Gallery:

Optional software:

- Edit-On Pro WYSIWYG editor from RealObjects (www.RealObjects.de). This is an optional third party software package that can be used to edit gallery descriptions.
- ASPIImage from ServerObjects (www.ServerObjects.com). This is used to create the thumbnail images when uploading new images to galleries. This is optional, and users may create their own thumbnail images and upload those instead.

ASPIImage is also used when dynamically creating Alternate View images and when dynamically generating thumbnails when adding images through the bulk upload feature.

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Image Gallery Setup

Summary:	Install and set up the SiteBeater Image Gallery System.
Audience:	Administrator, Developer
Before You Begin:	Purchase and install the SiteBeater Foundation.
Topics Include:	Installation Upgrading Image Gallery Customization

Installation

Before installing the SiteBeater Image Gallery, please create a “Galleries” (this is the image storage directory that the IG Configuration Variable specifies, and by default it is “Galleries”) directory within all website directories that will be using the gallery. Make sure this directory has MODIFY permissions for the IUSR_computername account so images can be added to and deleted from the galleries. Also make sure that the permission settings are propagated throughout its subdirectories (even if none currently exist).

To install the SiteBeater Image Gallery System:

- Move the ImageGallery directory that was in this .zip file into the SiteBeater Foundations WS_Content directory.
- Make sure the ImageGallery directory and all directories and files in it have read and execute script rights for the IUSR_computername account.
- Go to the Image Gallery installation script. The script is accessible from any SiteBeater enabled website. The script is in the `WS_Content/ImageGallery/SB_IG_Installation/` directory. Access it from a website like this:
http://www.mywebsite.com/WS_Content/ImageGallery/SB_IG_Installation/

- **If the MSSQL server is on a different machine than the IIS server**, the database and login must be created by hand. The database data files may be put anywhere. The database is:
SB_ImageGallery
The login is:
SB_ImageGallery – make this the owner of the SB_ImageGallery database, and make the SB_ImageGallery the default database.
Any password can be assigned (use it in the installation script).
- **If the MSSQL and IIS servers are on the same machine**, the administrator may either create the database by hand (as explained above) or have the installation script create it.
- Fill out the MSSQL server fields on the installation script form.
- Make sure the directory specified in the IG Configuration Variables (by default this variable is “Galleries”) has MODIFY permissions set for the IUSR_computername account.
- Make sure the directory specified in the IMAGEGALLERY_CAT_IMAGE_LOC Configuration Variable (by default this variable is “/WS_Content/ImageGallery/Images/CategoryImages/”) has MODIFY permissions set for the IUSR_computername account. This is where any category images are saved.
- Make sure the directory specified in the IMAGEGALLERY_ZIP_TEMPLOCATION Configuration Variable (by default this variable is “/WS_Content/ImageGallery/Images/TempZIP”) has MODIFY permissions set for the IUSR_computername account. This is where the .zip files are temporarily stored while adding images in bulk via a .zip archive.
- To display the galleries, go to the /WS_Content/ImageGallery/ directory from any SiteBeater enabled website.

Note: The Image Gallery uses the Message Board System files. Make sure the /WS_Content/MsgBoard/Includes/ directory exists (this directory and the files within it should have been included with the Foundation files or the Message Board files if you purchased that System).

Running the Image Gallery installation script more than once will erase all existing Image Gallery data before repopulating it in the database. This affects all rights, Configuration Variables, ADVs, Actions and Color and Text Scheme constants. **All category, gallery, and image entries will also be removed.** Images and files will remain unaffected on the server.

Upgrading

See the section on Upgrading & Patching in the SiteBeater Foundation documentation for more information.

Upgrades and patches will always leave image, gallery, and category entries intact within the database.

Image Gallery Customization

If you would like to customize the Image Gallery display code:

- Create a copy of the ImageGallery directory.
- Change the `IMAGEGALLERY_SPATH` Configuration Variable to the path to the new location.
- Edit the code in the new location. Future upgrades to the Image Gallery must be incorporated into the custom version by hand.

To change the name of the directory that the gallery images are stored in (the default is “Galleries”), change the `IG` Configuration Variable to the new directory name and path. The path begins at the base of the website. This directory must have `MODIFY` rights for the `IUSR_computername` account so the files can be added and deleted.

To change the location of the category images, change the `IMAGEGALLERY_CAT_IMAGE_LOC` Configuration Variable.

If you change this location, be aware that the category administrative pages expect that the images are all stored on all domains in the exact location relative to the `IMAGEGALLERY_CAT_IMAGE_LOC` Configuration Variable. Problems can arise if the location is different from domain to domain. See the Appendix A – Troubleshooting for more information. The path begins at the base of the website. This directory must have `MODIFY` rights for the `IUSR_computername` account so the files can be added and deleted.

To change the location where any `.zip` archive files are temporarily stored while adding images to galleries in bulk, change the `IMAGEGALLERY_ZIP_TEMPLOCATION` Configuration Variable. The path begins at the base of the website. This directory must have `MODIFY` rights for the `IUSR_computername` account so the file can be created and then deleted.

To use Edit-On Pro when editing gallery descriptions, follow the instructions in the Foundation documentation and set the `IMAGEGALLERY_EDIT-ON` Configuration Variable to “YES”. This allows administrators to use Edit-On Pro when editing gallery text.

Follow the SiteBeater Foundation instructions to modify the Color and Text Schemes, Actions, accounts, rights, and other variables within the System. The

Image Gallery adds color constants to each of the default Color Schemes when it is installed. The Image Gallery color constants all begin with “Galleries”. All of the text displayed on the gallery is added to the English Text Scheme during installation. See the section on Image Gallery Actions for more information about which Actions to modify to change the top and bottom HTML of the gallery pages.

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Image Gallery Rights

Summary:	A description of each right within the Image Gallery System.
Audience:	Administrator
Before You Begin:	Install the SiteBeater Image Gallery.

Image Gallery Rights

- `SB_IG_CREATE_GALLERY` – this is the right to create new galleries. If you would like your users to be able to immediately create galleries after they sign up, set this as an Initial Right (see the section on Initial Rights in the SiteBeater documentation).
- `SB_IG_ADMIN_ALL` – right to administer ALL galleries on the current SiteBeater Domain.
- `SB_MC_CHANGE_GALLERY_COLORS` – right to change the Image Gallery Color Scheme.
- `SB_MC_VIEW_GALLERY_COLORS` – right to view the Image Gallery Color Scheme Configuration Variable.
- `SB_MC_CHANGE_GALLERY_TEXT` – right to change the Image Gallery Text Scheme.
- `SB_MC_VIEW_GALLERY_TEXT` – right to view the Image Gallery Text Scheme Configuration Variable.
- `SB_IG_ADD_CAT` – right to create new gallery categories.
- `SB_IG_EDIT_CAT` – right to edit existing categories.

- SB_IG_DEL_CAT – right to delete categories. When a category is deleted, all galleries within it are no longer in any category (they are added to the list of “not in a category” group of galleries).
- SB_IG_BULK – rights to add images to galleries in bulk. This is required to add images through the file copying method.
- SB_IG_BULK_ZIP – rights to add images to galleries in bulk via a zip archive.
- SB_IG_ADD_CR – right to add a copyright entry.
- SB_IG_EDIT_CR – right to edit copyright entries.
- SB_IG_DEL_CR – right to delete copyright entries.
- SB_IG_ADD_CR_2IMAGES – right to add/edit/delete copyrights to and from images.
- SB_IG_ADD_PL – right to create new Purchase Lists (PL).
- SB_IG_EDIT_PL – right to edit existing Purchase Lists (PL).
- SB_IG_DEL_PL – right to delete Purchase Lists (PL).
- SB_IG_ADD_PROD – right to add products not in a Purchase List.
- SB_IG_EDIT_PROD – right to edit products not in a Purchase List.
- SB_IG_DEL_PROD – right to delete products not in a Purchase List.
- SB_IG_ADD_PROD_2IMAGES – right to add/edit/delete products to and from images.
- SB_IG_ADD_PROD_2GALLERIES – right to add/edit/delete products to and from galleries.
- SB_IG_ADD_PROD_2CATEGORIES – right to add/edit/delete products to and from categories.
- SB_IG_IMAGE_MB – right to assign a specific message board conference and thread to images.

- SB_IG_GALLERY_MB – right to assign a specific message board conference and thread to galleries.
- SB_IG_ALT_1 – right to view the Alternate View image number 1.
- SB_IG_ALT_2 – right to view the Alternate View image number 2.
- SB_IG_ALT_3 – right to view the Alternate View image number 3.
- SB_IG_ALT_4 – right to view the Alternate View image number 4.

3

Image Gallery Actions

Summary:	Management and use of the gallery Actions.
Audience:	Administrator, Developer
Before You Begin:	Install the SiteBeater Image Gallery.
Topics Include:	Image Gallery Actions Image Display Actions
See Also:	The section on Actions in the Foundation Documentation.

Image Gallery Actions

To add or change the opening or closing HTML of the gallery pages, edit the Image Gallery Actions. Please refer to the Foundation documentation for more information about editing SiteBeater Actions.

By choosing the "Image Gallery system" on the Actions management page, you will be given the list of all Actions used by this system.

The Actions are broken up into three kinds: Actions for pages publicly viewable pages, Actions for administrative pages, and Image Display Actions.

All publicly viewable pages are:

- opened using the SB_GALLERIES_OPEN Action
- closed using the SB_GALLERIES_CLOSE Action
- The SB_GALLERIES_CSS Action contains the Stylesheet code.
- The _VOID Actions are for pages that do not have displayable code, such as the popup page that displays Alternate View images, or the page used to rate images.

Administrative pages use many different Actions that shouldn't require any changes.

Image Display Actions

Several Actions have been created to display images in a different ways on any page on your website. These Actions were created for pages such as a websites home page. Each of these Actions is called one time in the /WS_Content/ImageGallery/Default.asp page as an example – these can be removed if desired.

The Image Display Actions include:

- **Top Rated Images** Action – called SB_GALLERIES_TOPRATED.
An example implementation can be found at /WS_Content/ImageGallery/SB_IG_Installation/Actions/TopRated/Default.asp.
This Action uses three Configuration Variables:
 1. IMAGEGALLERY_TOPRATED – this is the number of images to display in the list of top rated images. Default is 10.
 2. IMAGEGALLERY_TOPRATED_WIDTH – this is the width of the table the Action displays. Default is 150. This must be a number of pixels wide. This must also be larger than the next Configuration Variable.
 3. IMAGEGALLERY_TOPRATED_THUMB_WIDTH – this is the width of the thumbnails that are displayed within this Action. Default is 120. This must be a number of pixels wide. This must also be a smaller number than the above Configuration Variable.
- **Top Viewed Images** Action – called SB_GALLERIES_TOPVIEWED.
An example implementation can be found at /WS_Content/ImageGallery/SB_IG_Installation/Actions/TopViewed/Default.asp.
This Action uses three Configuration Variables:
 1. IMAGEGALLERY_TOPVIEWED – this is the number of images to display in the list of top viewed images. Default is 10.
 2. IMAGEGALLERY_TOPVIEWED_WIDTH – this is the width of the table the Action displays. Default is 150. This must be a number of pixels wide. This must also be larger than the next Configuration Variable.
 3. IMAGEGALLERY_TOPVIEWED_THUMB_WIDTH – this is the width of the thumbnails that are displayed within this Action. Default is 120. This must be a number of pixels wide. This must also be a smaller number than the above Configuration Variable.
- **Newest Images** Action – called SB_GALLERIES_NEWEST.
An example implementation can be found at /WS_Content/ImageGallery/SB_IG_Installation/Actions/Newest/Default.asp.
This Action uses three Configuration Variables:

1. IMAGEGALLERY_NEWEST – this is the number of images to display in the list of newest images. Default is 10.
2. IMAGEGALLERY_NEWEST_WIDTH – this is the width of the table the Action displays. Default is 150. This must be a number of pixels wide. This must also be larger than the next Configuration Variable.
3. IMAGEGALLERY_NEWEST_THUMB_WIDTH – this is the width of the thumbnails that are displayed within this Action. Default is 120. This must be a number of pixels wide. This must also be a smaller number than the above Configuration Variable.

- **Random Images Action** – called SB_GALLERIES_RANDOM.

An example implementation can be found at

`/WS_Content/ImageGallery/SB_IG_Installation/Actions/Random/Default.asp`.

This Action uses three Configuration Variables:

1. IMAGEGALLERY_NUMRANDOM – this is the number of random images to display. Default is 1.
2. IMAGEGALLERY_RANDOM_WIDTH – this is the width (in pixels) to display the image. This Action displays the Primary Image (not the thumbnail). If necessary, it will either enlarge or shrink the image to fit the width specified in this Configuration Variable (the height will be adjusted accordingly). Default is 150.
3. IMAGEGALLERY_RANDOM_FILESIZE – this is the maximum size (in bytes) of the image this Action will try to display. Default is 100000 (100k).

3

Creating New Categories

Summary: Creation and management of the categories.

Audience: Administrator

Before You Begin: Install the SiteBeater Image Gallery.

Topics Include: Creating Categories

Creating Categories

Categories may optionally be created and galleries placed within them.

To manage categories, an administrator must have these rights:

- SB_IG_ADD_CAT – right to create new gallery categories.
- SB_IG_EDIT_CAT – right to edit existing categories.
- SB_IG_DEL_CAT – right to delete categories. When a category is deleted, all galleries within it are no longer in any category (they are added to the list of galleries “not in a category”).
- SB_IG_ADD_PROD_2CATEGORIES – is an optional right required to assign products to categories.

Administrators may create categories with a name, description and image. (The description is for the administrators reference only and is not displayed on the website.)

Category images are always displayed on the website using the Configuration Variables IMAGEGALLERY_CAT_IMAGE_WIDTH and IMAGEGALLERY_CAT_IMAGE_HEIGHT to specify the number of pixels wide and high. The restrictions are so the display of the categories is uniform throughout the website. If an image is uploaded that is larger or smaller, it will be stretched or shrunk to fit.

Category images are saved in the IMAGEGALLERY_CAT_IMAGE_LOC Configuration Variable directory. This directory should be from the root of the

website. See Appendix A – Troubleshooting for help with issues that may arise when managing category images on multiple domains. The only constraint checked when uploading category images is the SB_IG_UPLOADBYTES ADV (or IMAGEGALLERY_INITIAL_UPLOADBYTES configuration Variable if this is the first time the administrator has uploaded an image). This checks to make sure the image does not exceed the maximum allowed file size.

Categories are displayed on the /WS_Content/ImageGallery/Default.asp page in the category table. This table is IMAGEGALLERY_CAT_WIDTH pixels wide (this Configuration Variable can also be set to a percent). This table also uses the IMAGEGALLERY_CAT_COLUMNS Configuration Variable to tell it how many columns of categories to display.

The administrator may also change the order of the categories. When the order is changed, it is only changed amongst sibling categories.

Categories are hierarchical. Each category may have as many child categories as desired. If an administrator deletes a category with children, all the children are also deleted and the galleries within those categories are added to the list of galleries not in any category.

Administrators with SB_IG_ADD_PROD_2CATEGORIES rights may also associated products with categories. When products are associated with categories, they are added to the mix of products of all images within all galleries within that category (but not any child categories). This is great for “automatically” assigning products to any new galleries or images that are created within the category.

For example, say our website has a category called “Space Shuttle” and we allow all our members to add their own galleries. Whenever any new images or galleries are added to the “Space Shuttle” category, we want each image to be displayed with links to all of our Space Shuttle models, posters and t-shirts. To do this, we simply assign all of our Space Shuttle products to the “Space Shuttle” category. Now whenever any new galleries or images are added, they will always have the Space Shuttle products listed with the images.

3

Creating New Galleries

Summary:	Creation and management of the galleries.
Audience:	Administrator
Before You Begin:	Install the SiteBeater Image Gallery. Optionally create categories.
Topics Include:	Creating Galleries Locking Galleries

Creating Galleries

To manage galleries, administrators or users must have these rights:

- `SB_IG_CREATE_GALLERY` – required to create new galleries and manage the galleries you create.
- `SB_IG_ADMIN_ALL` – is an optional right that allows the administrator to manage ALL galleries on the domain.
- `SB_IG_ADD_PROD_2GALLERIES` – is an optional right required to assign products to categories.

Once a gallery is created, it will automatically appear in the category it was placed into. There are many options available when creating or editing galleries:

- Users and administrators can only create as many galleries as specified in the `SB_IG_NUM_GALLERIES` ADV. The `IMAGEGALLERY_INITIAL_MAX_NUM_GALLERIES` Configuration Variable (default is 10) stores the initial value of the ADV. If the ADV is “-1” for that user, then that user can create an unlimited number of galleries.
- When creating or editing a gallery, the administrator may specify if that gallery should be visible or hidden from the general public. If it is hidden, then only the gallery creator will be able to see it. Administrators with `SB_IG_ADMIN_ALL` rights will also be able to see (as well as edit) it.

- If any categories have been created, the administrator may choose to add the new gallery to one of them. This is not required.
- If the SiteBeater Message Board System is installed, administrators with SB_IG_GALLERY_MB rights can choose a conference in which users may post comments about the gallery. (The system will automatically create a new thread at the first post.) The administrator must enter in the Message Board Conference number. To find the conference number, the administrator must go to the conference in a browser. Once within the conference, the conference number can be found in the browsers location bar immediately after the “ConfUnq=” text in the URL.

The administrator may come back and change the Message Board Conference associated with the gallery at any time. When this happens, a new thread will be started in the new conference – just like normal. But, any posts in the original conference will remain within the Message Board System unless deleted by an administrator.

If the administrator or user does not have those rights, they can simply choose to allow users to post comments or not. If the administrator chooses to allow users to post comments, the IMAGEGALLERY_DEFAULT_GALLERY_MSGBOARD Configuration Variable sets the conference into which these comments will be posted.

- Alternate View images in the gallery are shown within pop up windows. The administrator can choose between two different types of pop up windows. The first is a full screen pop up window that has no navigation with the image in the center of the window. The second type of pop up has a windowed box and “X” button to close the window. This type also opens up to fit the image if:
 - The image was originally uploaded using ASPIImage.
 - The image is smaller than 800x600 resolution.

Otherwise, the window will open to the users default window size. If the user has a dual-monitor setup, the pop up window will always be the users default window size regardless of the gallery setting.

Administrators may sort galleries manually. Only administrators with SB_IG_ADMIN_ALL rights can sort galleries. This is because the galleries of **all** users must be sorted together.

When administering galleries from a domain other than the domain the administrator is currently on, the administrator is not allowed to delete galleries. This is because SiteBeater cannot find the image files to delete from the other domain. The administrator must go to the domain on which he wishes to delete the gallery in order to do so.

Administrators may be confused when administering galleries from other domains if the settings change. When an administrator manages galleries (or categories or images) from other domains, the Configuration Variable and ADV (such as thumbnail width) values are pulled from the galleries domain and not the domain the administrator is on. For example, say an administrator is on domain A trying to add a new gallery to domain B. On domain A, the administrator may create 11 more galleries, but on domain B, the administrator cannot create any more. Even though the administrator is in a browser that is on domain A, he will not be able to create another gallery on domain B because SiteBeater is using the `SB_IG_NUM_GALLERIES` ADV value from domain B. So, one minute he can add 11 more galleries (when adding to domain A), and the next, he cannot add any more galleries (when adding to domain B).

The “My Galleries” category lists all of the galleries the current user has created. This entry in the category drop-down list only appears if the user either has rights to create galleries (`SB_IG_CREATE_GALLERY`), or has `SB_IG_ADMIN_ALL` rights.

Note:

Galleries store the user name with the gallery data to speed up sorting. If the gallery owner changes their username, it will not be updated in the gallery until that user (or an administrator with `SB_IG_ADMIN_ALL` rights) brings up that gallery in the gallery management page (where it is then re-entered into the gallery database).

Locking Galleries

Galleries can be “locked”. This means that only people who have access may view images within the galleries. Even images returned through searches will not appear if the gallery in which they reside is locked to the user performing the search.

Administrators who have `SB_IG_ADMIN_ALL` rights can manage any locked gallery on the domain. Gallery owners can manage their own locked galleries.

Galleries can be left open to all users, or open to users on an individual basis. Galleries can also be locked and then account Groups can be given rights to the gallery.

Note:

The Image Display Actions (see the section on Image Gallery Actions) **ignore** gallery locking. This is to speed up processing time on speed sensitive web pages within the website. Please be aware that images that appear within these Actions may be within locked galleries. If an image appears from a locked gallery and the user clicks on the image, they will see an error message informing them that the image is within a locked gallery.

4

Image Editing

Summary:	Adding new images to galleries and image management.
Audience:	Administrator, gallery owners
Before You Begin:	Install the Image Gallery and create a gallery.
Topics Include:	Adding Images Image Extras

Adding Images

An unlimited number of images may be added to each gallery. The images are automatically stored in the directory in the website specified by the IG Configuration Variable:

- Within the IG directory, each user has a directory for their galleries – named after the users `AccountUnq`.
- Within that, each gallery created by the user has its own directory – named after the `GalleryUnq`.
- Within the gallery directory is another subdirectory with all the thumbnail images – called “Thumbnails”.

Even though the system allows for an unlimited number of images to be uploaded to each gallery, the administrator can impose certain restrictions to limit users. There are two parts to each of these restrictions. The first part is the initial value. The initial value is always stored in a Configuration Variable. The second part is the ADV. The ADV is set for the first time for each user by the initial value Configuration Variable. Once the ADV has been set, administrators can change the value for each user on an individual basis.

These restrictions include:

1. Valid file extensions.
 - Initial value Configuration Variable: `IMAGEGALLERY_INITIAL_UPLOADTYPE`.
 - Default is: gif jpg png txt zip bmp jpeg pdf doc
 - ADV is: `SB_IG_UPLOADTYPE`
2. Maximum allowed file size:

- Initial value Configuration Variable:
IMAGEGALLERY_INITIAL_UPLOADBYTES
 - Default is: 250000 (in bytes)
 - ADV is: SB_IG_UPLOADBYTES
3. Number of files user can still upload:
- Initial value Configuration Variable:
IMAGEGALLERY_INITIAL_NUMUPLOAD
 - Default is: -1 (-1 means unlimited)
 - ADV is: SB_IG_NUMALLOWED
 - ADV containing how many files they have uploaded so far
is: SB_IG_NUMUPLOADED.
4. Disk space usage allowed:
- Initial value Configuration Variable:
IMAGEGALLERY_INITIAL_HD_SPACE
 - Default is: 10000000
 - ADV is: SB_IG_TTLUPLOADABLE
 - ADV containing how many bytes used already is:
SB_IG_TTLUPLOADED

Images are stored with the names they had when they were uploaded. The exception to this is when images contain irregular characters. Irregular characters include:

- =+,{ };^~!@#\$\$%^&() []*?:" you will notice that _ and – are both left out.
- Characters whose ASCII values are below 32 or above 126.

Irregular characters are replaced with a dash “-”.

Any time a file is uploaded that has the same name as a file that already exists, the file being uploaded will be given a new name. The new name is simply the original name with a number appended to it. This number begins at 1 and is incremented each time a file of the same name is uploaded. *The only time this does not happen is when adding images in bulk via a .zip archive. In this case, the file is simply not copied over or added to the gallery.*

Thumbnails are created with the same name as the image and follow the same standard with regards to “Irregular characters” and duplicate names. Thumbnails are stored in the “Thumbnails” directory within the gallery directory.

The form to add new images has several fields:

- The top field allows the user to add a long description of the image. The user can use SiteBeater HTML Codes (rather than standard HTML) in the description if desired.
- The user can then enter a title. The title is displayed immediately under the image on the image display page.

- The user can optionally enter keywords. Commas should separate keywords. These keywords will appear on the image display page as individual links. The links will search for images with the same keyword. So if an image has “Space Shuttle, space, NASA” as it’s keywords, and a user clicks on the “Space Shuttle” link, the system will search for and list all images with the keyword “Space Shuttle”.
- The Alt Tag is displayed when users hold their mouse over the image or the images thumbnail for several seconds.
- If the SiteBeater Message Board System is installed, users can choose to allow people to post comments about the image to the Message Board. Administrators with SB_IG_IMAGE_MB rights can specify with conference and thread (optionally) into which users will post their messages for the image. If the administrator leaves the thread field blank (or enters a 0), the system will automatically create a new thread at the first post.

The administrator must enter in the Message Board Conference number. To find the conference number, the administrator must go to the conference in a browser. Once within the conference, the conference number can be found in the browsers location bar immediately after the “**ConfUnq=**” text in the URL. If the administrator decides to enter a specific thread, he must also find the thread number. The administrator must go to the thread in a browser. Once there, in the browser location bar, immediately after the “**ThreadUnq=**” text in the URL is the thread number.

The administrator may come back and change the Message Board Conference or thread associated with the image at any time. When this happens, a new thread will be started in the new conference – just like normal. But, any posts in the original conference and thread will remain within the Message Board System unless deleted by an administrator.

Users without those rights can simply choose to allow or disallow users to post comments. In this case, the system will use the IMAGEGALLERY_DEFAULT_IMAGE_MSGBOARD Configuration Variable as the conference into which to create the new thread for the image.

- Users must upload the Primary Image. Immediately under the field to upload the Primary Image are listed any file restrictions imposed on the user. Restrictions include: file types allowed (based on file extension alone), maximum file size allowed, and hard disk space left.

- Users can upload an optional thumbnail image. Thumbnail images will all be displayed using the width (in pixels) stored in the `IMAGEGALLERY_THUMBNAIL_WIDTH` Configuration Variable (the height will be in ratio).

If ASPIImage is installed, users will have the option of dynamically generating a thumbnail image from their Primary Image. This only works if the Primary Image is a jpg, bmp, or png file type. Dynamically created thumbnails will be created `IMAGEGALLERY_THUMBNAIL_WIDTH` pixels wide (the height will be in ratio).

Missing thumbnail files will be replaced with the file at the `IMAGEGALLERY_MISSING_THUMBNAIL` Configuration Variable location. By default, this is a blank .gif image (it's the `/WS_Content/Images/Blank.gif` image).

Deleting an image from a gallery will also delete the image, its thumbnail, all Alternate View images, and any eCards from the server.

Users may move images from one gallery to another. (But not from a gallery on one domain to another gallery on another domain.) Users are only allowed to move images to and from galleries that they created – unless that user has `SB_IG_ADMIN_ALL` rights. In that case, the user can move images to and from any gallery.

Users may also sort the images within their galleries. This sorting is the default sort method used when displaying the image thumbnails. Users can override this sorting method at any time by choosing an alternate sorting method from the sort drop-down list on the thumbnail listing page.

When adding images to a multi-server environment, the administrator must copy the images to the other servers manually. The image data will be in the database; therefore it will be accessible on all web servers. But, if the images/files haven't been copied to the other servers, users will not be able to download the images and thumbnails will appear as though they are missing.

Administrators who have `SB_IG_ADMIN_ALL` rights are allowed to manage all images on a domain. Because of this, an administrator may add or remove images, thumbnails or Alternate View images from any gallery – even galleries that are not their own. Please be aware that if an administrator adds or removes an image from a gallery that is not theirs, the *administrators* – not the gallery owners – limitations apply. Also, the administrator will be hit with the disk space usage and image upload (in the case of adding a new image). *But, when an administrator deletes images, thumbnails or Alternate View images, the user who initially uploaded the file will be credited.* This prevents administrators from artificially inflating their limits by deleting other users images.

Image Extras

After an image has been added, depending on the rights the user has, they can go back and add additional information to each image. This information includes:

- **Links** – links are listed with the image on the image display page. The links all have a title and URL. Links can also be denoted as “onsite” or “offsite”. Offsite links are listed with an icon to let users know that when they click that link, the page will open in a new window and is on another website.
- **Copyrights** – only if the user has SB_IG_ADD_CR_2IMAGES rights can he add, edit, or remove copyrights to or from an image. Before adding a copyright to an image, it must first be created by an administrator in the Copyrights management area. See the section on Image Gallery Copyrights.
- **Products** – only if the user has SB_IG_ADD_PROD_2IMAGES rights can he add, edit, or remove products to or from images. Products must first be created or in a Product List. See the section on Image Gallery Products for more information.
- **Alternate View images** – users can add up to four Alternate View images. Users are under the same restrictions for adding these images as they are when adding the Primary Image. The only restriction that is removed is the number of files the user can upload. These four images do not count towards the total number of files they have uploaded since they are not new image entries. See the section on Alternate View Images for more information.

Note:

Users cannot add images to any domain other than the one they are currently on. This is because SiteBeater cannot detect where images are for any domain other than the one that the user is currently on. Because of this limitation, when on a different domain than the images, users cannot delete images, edit thumbnails, edit images (they can edit the image information but cannot change the Primary Image itself), or edit Alternate View images.

.NET users must change the ASPMaxRequestEntityAllowed metabase entry to the max number of bytes (the IMAGEGALLERY_INITIAL_UPLOADBYTES Configuration Variable) they want to allow to be uploaded.

3

Bulk Image Addition

Summary:	Administrators can add image in bulk.
Audience:	Administrator
Before You Begin:	Install the SiteBeater Image Gallery, create at least one gallery.
Topics Include:	Adding in Bulk File Copy Method Zip Archive Method

Adding in Bulk

There are two methods to add images in bulk. The first method involves copying files that are already on the server to the gallery. The second method lets the administrator upload a .zip archive full of images to add to the gallery.

File Copy Method

This method requires that the administrator have the ability to copy files to the webserver – either via FTP or by a direct connection. The administrator must also have SB_IG_BULK rights.

Before running the script to add the images:

- FTP or copy the images into the `\WS_Content\ImageGallery\ManageEnMasse\Images\` directory
- Optional thumbnails must be in the `\WS_Content\ImageGallery\ManageEnMasse\Thumbnails\` directory. Thumbnails must have the same name as the image it is to be used with (including the extension).

If ASPIImage is installed, the script can dynamically create thumbnail images for .jpg, .bmp, or .png source images. If a thumbnail cannot dynamically be created, the script will instead look for a thumbnail for it in the `Thumbnails` directory.

Notes about adding files/images in bulk by the copy method:

- If an image of the same name already exists in the gallery, the new image will be renamed and then copied over. If a thumbnail for that image exists, it will also be renamed.
- All limitations regarding image uploading are enforced when adding images in bulk. This includes:
 - Maximum file size.
 - Allowed file types.
 - Hard disk space left.
 - Number of files upload limit.

Administrators can use this script to add files that are very large to galleries. For example, adding movies to galleries. Many times these files already exist on the server. Simply copy the files to the directory stated above and run the script to quickly add them to the gallery.

Zip Archive Method

This method requires the third party component aspEasyZIP from www.mitdata.com (a free trial is available on their website). This also requires that the administrator has SB_IG_BULK_ZIP rights.

Sometimes site owners would like to allow users to be able to add images using this method, but not the file copy method. Simply give users the SB_IG_BULK_ZIP right and not the SB_IG_BULK right and users will be automatically forwarded directly to this page when they go to add images in bulk.

Before running this script, please make sure that the directory specified in the IMAGEGALLERY_ZIP_TEMPLOCATION Configuration Variable has MODIFY rights given to the IUSR_computername account. SiteBeater need to be allowed to copy the zip archive file to, and delete it from this directory. By default, this value is /WS_Content/ImageGallery/Images/TempZIP/.

If ASPImage is installed, the script can dynamically create thumbnail images for .jpg, .bmp, or .png source images.

Notes about the zip archive method:

- Unlike the file copy method, if an image of the same name already exists in the destination gallery, the new file will not be added to the gallery.
- The uploaded zip archive file cannot exceed the number of bytes specified by the IMAGEGALLERY_INITIAL_MAXZIPSIZE Configuration Variable (if this is -1 then the file can be unlimited size).

- All limitations regarding image uploading are enforced when adding images in bulk. This includes:
 - Maximum file size.
 - Allowed file types.
 - Hard disk space left.
 - Number of files upload limit.

3

Image Gallery Copyrights

Summary:	Management and use of copyrights.
Audience:	Administrator
Before You Begin:	Install the SiteBeater Image Gallery.
Topics Include:	Creating Copyrights

Creating Copyrights

Many times, images need to be displayed with copyright and licensing information. The Image Gallery allows administrators to create copyright entries in the system that can be added to the images.

For administrators to manage copyrights, they must have these rights:

- SB_IG_ADD_CR – right required to create new copyright entries.
- SB_IG_EDIT_CR – right required to edit existing copyrights.
- SB_IG_DEL_CR – right required to delete copyrights.
- SB_IG_ADD_CR_2IMAGES – right required to add and remove copyright listings to and from images.

Administrators must first create a copyright entry in the system before adding it to an image. There are three parts to each copyright:

1. The copyright title.
2. An optional URL.
3. Optional details.

Copyrights are listed on the image display page. If a copyright has details, the copyright title will appear as a link that opens a small pop up window containing the details text. Copyrights with URLs will appear as a link that opens a new window with the URL web page in it.

3

Image Gallery Products

Summary: Management and use of products and Product Lists (PL).

Audience: Administrator

Before You Begin: Install the SiteBeater Image Gallery.

Topics Include: Products in the Gallery

Products in the Gallery

Categories may optionally be created and galleries placed within them.

3

Alternate View Images

Summary:	Management and viewing Alternate View images.
Audience:	Administrator, gallery owner
Before You Begin:	Install the SiteBeater Image Gallery. Add galleries and images.
Topics Include:	Alternate View Images

Alternate View Images

Categories may optionally be created and galleries placed within them.

5

Image Gallery Configuration Variables

Summary:	Information about each Image Gallery Configuration Variable.
Audience:	Administrator
Before You Begin:	Install the Image Gallery.
See Also:	Configuration Variable administration in the Foundation documentation.

These are all of the Configuration Variables in the Image Gallery System. The default value of each variable is in parentheses:

- `SB_IMAGEGALLERY_SERVER` (set in the installation script): The database server machine name that the Image Gallery database is on.
- `SB_IMAGEGALLERY_LOGIN` (`SB_ImageGallery`): The Image Gallery database login. This must be the same as the login used for the `SB_ImageGallery` user in the MSSQL server.
- `SB_IMAGEGALLERY_PASSWORD` (set in installation script): The Image Gallery database password. This must be the same as the password used for the `SB_ImageGallery` user in the MSSQL server.
- `IMAGEGALLERY_SPATH` (`/WS_Content/ImageGallery/`): This is the path (from the Internet Domain) to the Image Gallery ASP files. If a custom copy of the Image Gallery files is used, change this to the path to those files.
- `IMAGEGALLERY_COLORS` (3): This is set to the Image Gallery Color Scheme. `SB_MC_CHANGE_GALLERY_COLORS` rights are required to change this on LIVE Servers. `SB_MC_VIEW_GALLERY_COLORS` rights are required to view this on LIVE Servers.

- IMAGEGALLERY_TEXT (1): This is set to the Image Gallery Text Scheme. SB_MC_CHANGE_GALLERY_TEXT rights are required to change this on LIVE Servers. SB_MC_VIEW_GALLERY_TEXT rights are required to view this on LIVE Servers.
- IG (Galleries): This is the path to the gallery images. This path is relative to the Internet domain. Change this to change the location the images are stored on the web server. The directory this is set to must have write access set for the IUSR_computername user.
- IMAGEGALLERY_TABLEWIDTH (671): Width of the tables in the pages of the Image Gallery. Set this to a number of pixels or a page width percent.
- IMAGEGALLERY_FORMCOLUMNS (76): This is the number of columns wide of each text area. This changes the width of all text areas on all pages in the Image Gallery.
- IMAGEGALLERY_FORMWIDTH (75): This is the length of the text fields (single line input fields) on all pages in the Image Gallery.
- IMAGEGALLERY_THUMBNAIL_WIDTH (100): This is the width of the thumbnail images.
- IMAGEGALLERY_MISSING_THUMBNAIL (/WS_Content/Images/Blank.gif): This is the image used if a thumbnail image is missing. Enter the full path to the image file.
- IMAGEGALLERY_SCRIPTTIMEOUT (72000) This is the number of seconds that will lapse before the script to upload files will timeout.
- IMAGEGALLERY_USEALPHA (YES):
- IMAGEGALLERY_TOPRATED (10):
- IMAGEGALLERY_TOPRATED_WIDTH (150):
- IMAGEGALLERY_TOPRATED_THUMB_WIDTH (120):
- IMAGEGALLERY_TOPVIEWED (10):
- IMAGEGALLERY_TOPVIEWED_WIDTH (150):
- IMAGEGALLERY_TOPVIEWED_THUMB_WIDTH (120):

- IMAGEGALLERY_NEWEST (10):
- IMAGEGALLERY_NEWEST_WIDTH (150):
- IMAGEGALLERY_NEWEST_THUMB_WIDTH (120):
- IMAGEGALLERY_NUMRANDOM (1):
- IMAGEGALLERY_RANDOM_WIDTH (150):
- IMAGEGALLERY_RANDOM_FILESIZE (100000):
- IMAGEGALLERY_SUGGESTCATEGORY_TO_EMAIL
(suggestcat@YourWebSiteHere.com):
- IMAGEGALLERY_SUGGESTCATEGORY_FROM_EMAIL
(suggestcat@YourWebSiteHere.com):
- IMAGEGALLERY_SUGGESTCATEGORY_FROM_NAME (SiteBeater):
- IMAGEGALLERY_SUGGESTGALLERY_TO_EMAIL
(suggestgal@YourWebSiteHere.com):
- IMAGEGALLERY_SUGGESTGALLERY_FROM_EMAIL
(suggestgal@YourWebSiteHere.com):
- IMAGEGALLERY_SUGGESTGALLERY_FROM_NAME (SiteBeater):
- IMAGEGALLERY_CAT_COLUMNS (2):
- IMAGEGALLERY_CAT_WIDTH (671):
- IMAGEGALLERY_CAT_IMAGE_LOC
(/WS_Content/ImageGallery/Images/CategoryImages/):
- IMAGEGALLERY_CAT_IMAGE_WIDTH (40):
- IMAGEGALLERY_CAT_IMAGE_HEIGHT (40):
- IMAGEGALLERY_INITIAL_HD_SPACE (10000000):
- IMAGEGALLERY_INITIAL_MAX_NUM_GALLERIES (10):

- IMAGEGALLERY_INITIAL_NUMUPLOAD (-1):
- IMAGEGALLERY_INITIAL_UPLOADTYPE (gif jpg png txt zip bmp jpeg pdf doc):
- IMAGEGALLERY_INITIAL_UPLOADBYTES (250000):
- IMAGEGALLERY_INITIAL_NUMDOWNLOADS (-1):
- IMAGEGALLERY_NONMMBR_NUMDOWNLOADS (-1):
- IMAGEGALLERY_DEFAULT_IMAGE_MSGBOARD (0):
- IMAGEGALLERY_DEFAULT_GALLERY_MSGBOARD (0):
- IMAGEGALLERY_THUMBNAILVIEW_NUMCOLUMNS (4):
- IMAGEGALLERY_ZIP_TEMPLOCATION (/WS_Content/ImageGallery/Images/TempZIP/):
- IMAGEGALLERY_INITIAL_MAXZIPSIZE (-1):
- IMAGEGALLERY_MAX_DISPLAYABLE_PRODUCTS (3):
- IMAGEGALLERY_PRODUCTIMAGES_MAX_WIDTH (120):
- IMAGEGALLERY_SENDSUBSCRIPTIONS_FROM_NAME (Administrator):
- IMAGEGALLERY_SENDSUBSCRIPTIONS_FROM_EMAIL (Subscriptions@YourWebsiteHere.com):

A

Troubleshooting

Summary: Help with common problems.

Audience: Developer, Administrator, IT

Question or Problem

Answer or Solution

I changed the location of where category images are saved. Now, when I administer categories from domain A on domain B, I cannot see those images. What happened?

When administering files (in this instance, category images) for categories on one domain from another domain, SiteBeater sometimes cannot tell where the images are.

Generally category images are stored in the / WS_Content/ImageGallery/Images/CategoryImages/ directory. And, this directory is usually set up as a Virtual Directory – accessible to ALL SiteBeater domains. When an administrator makes a change from domain A to a category image on domain B, everything normally goes well because, even though domain B is in the e:\domainB\ directory and domain A is in the e:\domainA\ directory, they both share the same \WS_Content\ Virtual Directory, and therefore SiteBeater can find the category images.

But if the IMAGEGALLERY_CAT_IMAGE_LOC Configuration Variable is set to directories that are not common to all domains, administrators cannot successfully modify

	<p>images from one domain on another domain.</p> <p>For example, let us say that the Conf Var is changed to <code>\domainAcatimages\</code> on domain A, and <code>\domainBcatimages\</code> on domain B. We shall also say that neither of these directories is accessible to the other domain via Virtual Directories.</p> <p>Now, if an administrator goes to domain A and tries to administer a category image from a category on domain B, SiteBeater will be looking in domain A for domain B's directory – the <code>\domainBcatimages\</code> directory. But since that directory is only accessible via domain B, SiteBeater will not be able to find the images.</p>