



Stack Photo Gallery
version 2.0

User Guide

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Publishing the gallery on your website

To ensure smooth operation of a gallery on your website you need to have the following files:

1. SWF-file (GalleryName.swf) – flash gallery file
2. XML-file (gallery.xml) – gallery configuration file
3. HTML-file (GalleryName.html) – this file shows how to paste the gallery code into the HTML-page on your site where you plan to use the gallery.
4. “Images” folder where you should place your images.
5. SWFObject.js – a special JavaScript for the correct display of your gallery.

In the gallery distribution file (the downloaded archive) there is already a working example for which you can change the settings as you see fit and upload it to your site.

Quick gallery installation instruction to any web page is below:

1. Open the file (html, htm, php, etc) where you want to insert your gallery. Find the **<head>...</head>** tag and insert the following text there:

```
<script src="path to the swfobject.js" type="text/javascript" ></script>
```

Specify the path to **swfobject.js**:

```
<head>
    <script src="js/swfobject.js" type="text/javascript" ></script>
</head>
```

2. Copy the object code of the gallery to the sources of the web page i.e. the next code:

```
<script type="text/javascript">
    var flashvars = {XMLFile: "gallery.xml"};
    var params = {wmode: "transparent"};
    swfobject.embedSWF("StackPhotoGalleryDemo.swf", "myAlternativeContent", "700",
"540", "10.1", false, flashvars, params);
</script>
<div id="myAlternativeContent">
    <a href="http://www.adobe.com/go/getflashplayer">
    
    </a>
</div>
```

3. Specify the path to the gallery.xml and GalleryName.swf files

```
<script type="text/javascript">
    var flashvars = {XMLFile: "gallery.xml"};
    var params = {wmode: "opaque", bgcolor: "#000000", allowFullScreen: "true"};
    swfobject.embedSWF("StackPhotoGalleryDemo.swf", "myAlternativeContent", "700",
"540", "10.1", false, flashvars, params);
</script>
.....
```

You can store your files anywhere on server. But remember this path can be absolute (example: <http://www.yourdomain.com/config/gallery.xml>) or relative to the directory with your HTML page (example: [../config/gallery.xml](#)).

4. Setup the **size** of the gallery

```
<script type="text/javascript">
.....
    swfobject.embedSWF(.....,"myAlternativeContent","730", "540",.....);
</script>
.....
```

5. Specify the path for the images (gallery.xml) using the following tag

```
<imagesFolder>images/</imagesFolder>
```

6. You can set **background image** of the gallery (gallery.xml)

```
<bgImage alpha="100" source="images/bg.jpg"/>
```

7. Define the size of images in the gallery

```
<image width="400" height="300"/>
```

8. Name the files and descriptions of these files (gallery.xml):

```
<items>
  <item source="1.jpg" description="Image 1" link="/images/1.jpg" target="_blank"/>
  <item source="2.jpg" description="Image 1" link="" target="_blank"/>
  .....
  <item source="5.jpg" description="Image 2" link="" target=""/>
  .....
</items>
```

For more information on SWFObject.js, please, see
<http://code.google.com/p/swfobject/wiki/documentation>

Configuring the Gallery

An XML file is used to configure the gallery. By editing the XML file, you can add or remove gallery images as well as edit multiple appearance and behavior settings. The format of the XML file is described below.

Gallery settings are described in the `<settings></settings>` tag of the XML file as follows:
`<parameter name> parameter value </parameter name>`.

For example, the frame color is configured using the `<frameColor>0xFFFFFFFF</frameColor>` tag.

The image file information is contained in the `<items> </items>` structure.

```
<items>
  <item source="..." description="..." link="..." target="..." />
  <item source="..." description="..." link="..." target="..." />
  <item source="..." description="..." link="..." target="..." />
  .....
</items>
```

source – Image name;

description – Image description;

link – link to the web-page;

target - controls where the new document will be displayed

possible values:

"_self" specifies the current frame in the current window.

"_blank" specifies a new window.

"_parent" specifies the parent of the current frame.

"_top" specifies the top-level frame in the current window.

XML File Format

```
<gallery>
  <settings>
    <imagesFolder>images</imagesFolder>
    <caption color="0x000000" fontName="Arial" />
    <frameColor>0xFFFFFFFF</frameColor>
    <bgImage alpha="100" source="images/bg.jpg" />
    <image width="400" height="300" />
    <imageScaleMode>fill</imageScaleMode>
    <visibleImages>4</visibleImages>
    <usePhotoNumbers>true</usePhotoNumbers>
    <translation back="BACK" gotoLink="Go to Link" />
    <slideshow>true</slideshow>
    <soundEffect>sounds/imageChangeEffect.mp3</soundEffect>
    <picasa user="" albumID="" />
  </settings>
  <items>
    <item source="1.jpg" description="Image 1" link="" target="" />
    <item source="2.jpg" description="Image 2" link="" target="" />
    <item source="3.jpg" description="..." link="" target="" />
    .....
  </items>
</gallery>
```

```

        <item source="..." description="..." link="..." target="..." />
        .....
    </items>
</gallery>

```

Gallery Parameters

Parameter Name	Description				
imagesFolder	Path to the folder with images. Possible values: String. Default: “ ”.				
slideshow	Slideshow mode on/off. Possible values: Boolean(true/false). Default: false.				
caption	Caption settings. <table border="1"> <tr> <td>color</td><td>Color of image captions. Format: 0xRRGGBB. Default: 0x000000.</td></tr> <tr> <td>fontName</td><td>Font name. Format: String. Default: Arial.</td></tr> </table> Example <caption color="0x000000" fontName="Arial" />	color	Color of image captions. Format: 0xRRGGBB. Default: 0x000000.	fontName	Font name. Format: String. Default: Arial.
color	Color of image captions. Format: 0xRRGGBB. Default: 0x000000.				
fontName	Font name. Format: String. Default: Arial.				
frameColor	Frame color. Format: 0xRRGGBB. Default: 0xFFFFFF.				
imageScaleMode	Image scaling type. Possible values: fill, fit, noScale. Default: fill.				
visibleImages	Number of visible images. Default: 5.				
usePhotoNumbers	Determines whether or not to display page numbers. Possible values: Boolean(true/false). Default: true.				
soundEffect	Image transition sound. You need to specify a path to your sound file. Possible values: String. Default: " ".				
bgImage	Background image settings. <table border="1"> <tr> <td>alpha</td><td>Background of image transparency. Possible values: [0,100].</td></tr> <tr> <td>source</td><td>Path to the background of image file.</td></tr> </table>	alpha	Background of image transparency. Possible values: [0,100].	source	Path to the background of image file.
alpha	Background of image transparency. Possible values: [0,100].				
source	Path to the background of image file.				


Parameter Name	Description				
Example <bgImage alpha="100" source="images/bg.jpg"/>					
image	Image size.				
<table border="1"> <tr> <td>width</td><td>Image width.</td></tr> <tr> <td>height</td><td>Image height.</td></tr> </table>		width	Image width.	height	Image height.
width	Image width.				
height	Image height.				
Example <image width="300" height="200"/>					
translation	Buttons text.				
<table border="1"> <tr> <td>back</td><td>The "back" button text.</td></tr> <tr> <td>gotoLink</td><td>The "Go to Link" button text.</td></tr> </table>		back	The "back" button text.	gotoLink	The "Go to Link" button text.
back	The "back" button text.				
gotoLink	The "Go to Link" button text.				
Example <translation back="BACK" gotoLink="Go to Link" />					
XMLFile	Full Path to XML configuration file (contains filename). Possible values: String. Default: "".				
picasa	Using images from picasa.com				
<table border="1"> <tr> <td>user</td><td>login</td></tr> <tr> <td>albumID</td><td>album ID</td></tr> </table>		user	login	albumID	album ID
user	login				
albumID	album ID				
Example <picasa user="" albumID="" />					
See info: "Inserting images from picasa.com "					

Tutorials

Inserting images from **picasa.com**

Stack Photo Gallery allows you to display images from picasa.com. For this you need to specify your login and the album ID in the `<picasa user="..." albumID="..." />` tag of the configured xml-file of your gallery.

Let's analyze how to add images step by step:

- Log on to picasa.com.
- Choose the album with the photos you want to use in your gallery.
- Find a link to **RSS feed** ( **RSS** button) on the page and click on it.
- You can see a link with a login and an **album ID** in the address line of the page that opens after clicking on the **RSS feed** link.

You may find the login after `/user/`, and the album ID after `/albumid/`.

For example:

http://picasaweb.google.com/data/feed/base/user/YOUR_LOGIN/albumid/YOUR_ALBUM_ID?alt=rss&kind=photo&hl=eng,

where

YOUR_LOGIN – is your login; and

YOUR_ALBUM_ID – is the album ID.

- Enter your login and the album ID in the following tag of the xml file of your gallery:

```
<picasa user="YOUR_LOGIN" albumID="YOUR_ALBUM_ID" />
```

NOTE: The gallery may not display [picasa](http://picasa.com) images locally, as Adobe Player may prohibit displaying images from the address you specified. To correct this, you may have to [change the access settings for the flash player](#) additionally. When you upload the gallery to your site, all images will be displayed.