

# Page Properties for Gallery Components

## Gallery Properties

`__SELF__.gallery` (in overridden component template) or `componentAlias.gallery` (in a CMS page)

Type: [ZenWare\NovemberGallery\Classes\Gallery](#)

Gallery class, holds the various properties of the gallery instance.

| Property            | Type  | Description  |
|---------------------|---|--|
| <code>type</code>   | string  | Gallery type (indicates how the images were upladed & where they are stored), possible values are: NOVEMBER_GALLERY, OCTOBER_MEDIA_MANAGER_FOLDER, BLOG_POST                                 |
| <code>folder</code> | string  | Folder where the images can be found (available for galleries created using the OctoberCMS "Media Manager")  |
| <code>items</code>  | <a href="#">October\Rain\Support\Collection</a> | Collection of gallery items, see below.  |
| <code>sortBy</code> | string  | The GalleryItem property by which the gallery should be sorted (as set in the component inspector)   |
| <code>url</code>    | string  | Gallery URL (only available for galleries in the "Gallery Hub" component)  |
| <code>name</code>   | string  | Gallery name as set on the Gallery form for galleries uploaded using the "Galleries" back-end page, for galleries uploaded using the OctoberCMS Media Manager this is set to the folder name |

| Property                   | Type                            | Description  |
|----------------------------|---------------------------------|--|
| <code>slug</code>          | string                          | Gallery slug (available for galleries created on the "Galleries" back-end page)              |
| <code>description</code>   | string                          | Gallery description (available for galleries created on the "Galleries" back-end page)       |
| <code>keywords</code>      | string                          | Gallery keywords (available for galleries created on the "Galleries" back-end page)          |
| <code>publishedAt</code>   | <a href="#">Carbon datetime</a> | Gallery published on date (available for galleries created on the "Galleries" back-end page) |
| <code>createdAt</code>     | <a href="#">Carbon datetime</a> | Gallery created on date (available for galleries created on the "Galleries" back-end page)   |
| <code>updatedAt</code>     | <a href="#">Carbon datetime</a> | Gallery updated on date (available for galleries created on the "Galleries" back-end page)   |
| <code>previewImage</code>  | GalleryItem                     | Gallery preview image (available for galleries created on the "Galleries" back-end page)     |
| <code>published</code>     | boolean                         | Gallery active (or not) (available for galleries created on the "Galleries" back-end page)   |
| <code>sortBy</code>        | string                          | Gallery items sort order   |
| <code>sortDirection</code> | string                          | Can be "ASC" or "DESC" (like in SQL)   |

## GalleryItem Properties

`__SELF__.galleryitems` (in overridden component template) or `componentAlias.galleryitems` (in a CMS page)

Type: [October\Rain\Support\Collection](#)

also see [API Docs](#), [Illuminate\Database\Eloquent\Collection](#) and [Illuminate\Support\Collection](#)

Collection of `ZenWare\NovemberGallery\Classes\GalleryItem` classes. Serving it as a collection gives access to a ton functionality that is not available with a simple array. For example, you could choose to sort

the images by filename:

```
{% for galleryitem in customGallery.gallery.items.sortBy('fileName') %}    {% endfor %}
```

| Property                              | Type                               | Description   |
|---------------------------------------|------------------------------------|---|
| <code>title</code>                    | string                             | Image title metadata, available for images uploaded using the backend gallery page only   |
| <code>description</code>              | string                             | Description metadata, available for images uploaded using the backend gallery page only   |
| <code>sortOrder</code>                | string                             | Image sort order, available for images uploaded using the backend gallery page only   |
| <code>file</code>                     | <a href="#">SplFileInfo</a>        | A standard php file information object, only available for files uploaded using the Media Manager   |
| <code>octoberImageFile</code>         | <a href="#">System\Models\File</a> | A standard php file information object, only available for files uploaded using the Media Manager   |
| <code>width</code>                    | integer                            | Image width, see <a href="https://www.php.net/manual/en/function.getimagesize.php">https://www.php.net/manual/en/function.getimagesize.php</a>  |
| <code>height</code>                   | integer                            | Image height, see <a href="https://www.php.net/manual/en/function.getimagesize.php">https://www.php.net/manual/en/function.getimagesize.php</a> |
| <code>type</code>                     | string                             | Image type, see <a href="https://www.php.net/manual/en/function.getimagesize.php">https://www.php.net/manual/en/function.getimagesize.php</a>   |
| <code>orientation</code>              | string                             | Will be "horizontal", "vertical", or "square" depending on whether the image is wider than it is tall   |
| <code>fileNameWithoutExtension</code> | string                             | Base name of the file without extension, for example: picture-1   |
| <code>fileExtension</code>            | string                             | <a href="#">File extension</a> , for example: jpg   |
| <code>fileName</code>                 | string                             | <a href="#">Filename</a> , for example: picture-1.jpg   |

| Property                      | Type   | Description  |
|-------------------------------|--------|--|
| <code>filePath</code>         | string | <a href="#">Path without filename</a> , for example:<br>/var/www/mywebsite.com/public_html/sto<br>galleries/gallery-1  |
| <code>fileRealPath</code>     | string | <a href="#">Absolute path to file</a> , for example:<br>/var/www/mywebsite.com/public_html/sto<br>galleries/gallery-1/picture-1.jpg  |
| <code>fileSize</code>         | string | <a href="#">File size</a> , in bytes, for example: 404779  |
| <code>relativeFilePath</code> | string | Path to file relative to the website, for<br>example: /storage/app/media/my-<br>galleries/gallery-1/picture-1.jpg  |
| <code>uploaded</code>         | string | <a href="#">Last modified time</a> for files uploaded<br>using the Media Manager, or the<br>upload time for files uploaded using<br>the back-end gallery tab, you can<br>then: <code>\$currentTime-&gt;format( 'c' );</code> |
| <code>url</code>              | string | URL to file, for example:<br><a href="https://www.mywebsite.com/storage/app/galleries/gallery-1/picture-1.jpg">https://www.mywebsite.com/storage/app/<br/>galleries/gallery-1/picture-1.jpg</a>                              |

“ **Hint:** To dig into the `galleryItems` (or any other) variable/collection, you have two options. You can simply add `{{ dump(embeddedGallery.galleryitems.toArray) }}` on your page after the component definition and it will print debug information about that variable straight in your page. [Learn more about \*dump\* in the official Twig docs](#). Note that "the dump function won't display anything if the debug option on the environment is not enabled". To enable debug mode on your site, edit the app.php config file in your config directory. Learn more about debug mode [in the OctoberCMS docs!](#)

Alternatively, you can install the [Debugbar plugin](#) and then add `{{ debug(embeddedGallery.gallery.items) }}` to your page to show debug information in the Laravel debugbar. Make sure to replace "embeddedGallery" with the alias of your component as set in the component options!

# Additional Page Properties for Gallery Components

(not applicable to the GalleryHub component)

`__SELF__.defaultgalleryoptions`

Type: string

Used in the embedded gallery default template, this holds any custom script options set for the component in the “Script Options” property, along with any generated options (for example:

`gallery_theme: "tiles", tiles_type: "justified" )`

`__SELF__.defaultLightboxOptions`

Type: string

Used in the lightbox gallery default template, this holds any custom script options set for the component in the “Script Options” property, along with the following: `gallery_theme: "lightbox"`

`__SELF__.customgalleryscript`

Type: string

The “Custom Gallery Script” set on the plugin backend settings page, if the “Custom Gallery Script” toggle switch is set to “ON”.

`__SELF__.customlightboxscript`

Type: string

The “Custom Lightbox Script” set on the plugin backend settings page, if the “Custom Lightbox Script” toggle switch is set to “ON”.

`__SELF__.error`

Type: string

If the plugin encounters an error, you can find the error description here.

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