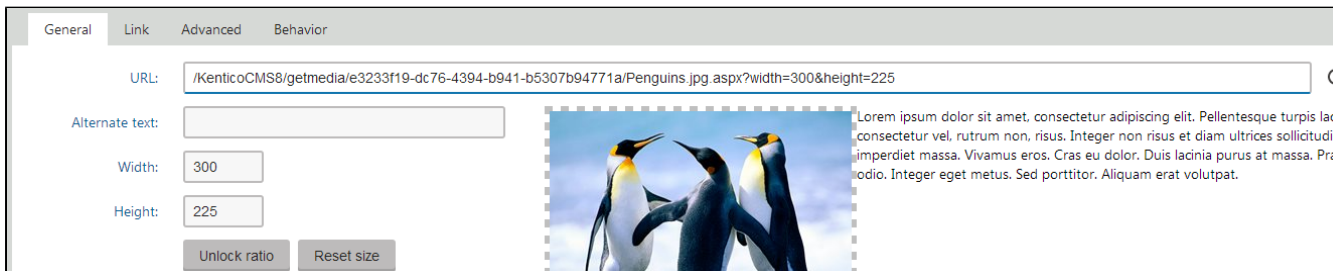



When you resize an image that you inserted into a media library using a web part, the editor, or a form control, the URL of the image changes in the following way:

Resizing image to	Resizing is done by	The image URL
Larger size	Browser (css styles)	The file path (e.g., /Kentico/CorpSite/media/MyPictureGallery/Panda.jpg)
No change	None	The file path (e.g., /Kentico/CorpSite/media/MyPictureGallery/Panda.jpg)
Smaller size	Internal resizing - a new file is created	Permanent URL* (e.g., /Kentico/getmedia/ed0be744-9e70-4056-8c7d-91fc5087813c/Panda.jpg.aspx?width=100&height=66)


* Learn about [configuring general media library settings](#) to make the system use permanent URLs.

Every time you resize an image to a **smaller size**, the system makes a new copy of the image with smaller dimensions in the `__thumbs` folder, which is located in the original image's folder. The images are resized into smaller files to save bandwidth. You can override this behavior by setting the `getPermanent` variable in the `btnImagePreview_Click` method within the `CMSModules\Content\Ccontrols\Dialogs\Properties\HTMLMediaProperties.cs` file to false.



 The system also creates a new file every time you display this image as a thumbnail (e.g., in the **Tiles** or **Thumbnails** display tab of the Media library properties window).

Resizing to a **larger size** is not done internally (the system does not create any files). Such a feature could be exploited to bring the server down, e.g., resizing an image to 1000000 height and 1000000 width could fully consume the server's resources.

 **Note:** The automatic file resizing feature for smaller dimensions is not available when using a CDN to store and deliver media files (for example [Azure CDN](#) or [Amazon CloudFront CDN](#)). In this case, permanent URLs are not available and the files directly use the CDN's endpoint URL.