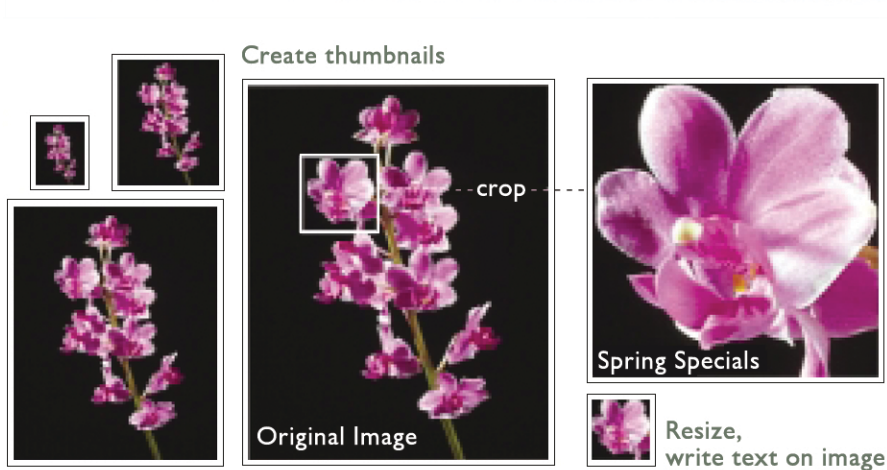


Server-side Image Creation, Processing, Management and Caching

Fast, full featured image manipulation on the fly! SoftArtisans ImgWriter is a high performance image processor used for dynamic image creation, management and caching from your web server. ImgWriter can be used for online photo galleries, product catalogues- or any application that needs to manipulate quality and chart graphics on the fly.

ImgWriter consists of two server-side components: **SALmageGen** for sophisticated image creation and manipulation and **SALmgCollection** for image caching to optimize speed and performance.



Features & Benefits:

- Create thumbnails from existing images with height-to-width ratio maintained automatically
- 3 resize algorithms supported to optimize speed & image quality
- Add watermarks to your images
- Generate charts in ASP pages
- Write dynamic captions on your images
- Adjust image size for faster web downloads
- Turn photo negatives into color positives
- Merge two images
- Create labels
- Increase site performance by caching frequently served images
- Manage images from database blobs
- Write text on an image
- Create buttons and banners dynamically on your web server
- Share-in-memory images across your web application

Manipulate and serve dynamic images from your web server!

SALmageGen for sophisticated manipulation

SALmageGen offers methods for precise image manipulation, such as image resizing, image cropping, writing text on an image, creating thumbnails from larger images, and adding watermarks to existing images. SALmageGen can also be used to construct new images, such as charts, labels, or banners. SALmageGen supports the nine most common image formats, including JPEG, BMP, EMF, PNG, and TIFF. It can read and save images to and from a file on a disk, and in memory byte array, or a database BLOB. It can also stream an image to the browser directly from memory. SALmageGen's more advanced functionality includes writing text on images, cropping images, merging two images, and creating images with gradient background. Quality, size, transparency and dithering can be precisely controlled.

SALmgCollection for high performance

SALmgCollection offers an in-memory cached collection of images for high-speed access. It is intended to run at application scope, so it is thread safe (it supports the "Both" threading model) and supports concurrent read access to images in the collection. The component allows images to be shared across a web application, conserving precious server resources, and accessed very quickly, improving your users' experience. Images can be added to the cache from a file, an ADO recordset, or directly from SALmageGen.

For more information on ImgWriter, system requirements, and demos please visit: www.softartisans.com/imgwriter.html