

ZirconCropper

Cropping images made simple.

Introduction

Attaching photos, avatar selection, icon creation.... wouldn't these tasks be better with built-in cropping? Don't make your users worry about finding a cropping tool and fussing with aspect ratios, have your app offer the user the ability to do it right when they need it.

The ZirconCropper Class

Simply import the ZirconKit module, then the ZirconCropper control and you're ready to go. All images are stored inside the ZirconCropper class. Drag the control to your Window or ContainerControl, and start coding.

Constants

Revision

Returns the revision / version number of the control.

Properties

BackgroundColor As Color

Set the background color of the control. Frame and zoom controls will automatically adjust their colors based on the background color. The background color is not applied to the cropped images.

Methods

Crop () As ZirconKit.RetinaPicture

After you have supplied a picture and desired size using the Present() method, the Crop method returns the cropped image. A retina picture is returned, so you will have two resolutions available. When possible, the source is scaled and cropped independently for each resolution. If the source image is too small to produce a proper retina image, the source will be scaled up.

Present (Source As Picture, DesiredWidth As Integer, DesiredHeight As Integer)

Sets the cropper to display the picture Source to be cropped into the dimensions DesiredWidth and DesiredHeight. The source will be required to fill the dimensions, unless the source is too small.

[Clear \(\)](#)

Call this method to reset the cropper to its default state. This will trigger the `SourceImagePresented` event, but not the `SourceImagePresenting` event.

Events

[SourceImagePresenting \(SourceImage As Picture\)](#)

Called just before a new image is being presented. It is acceptable to make changes to `SourceImage` in this event, however replacing the value of the `SourceImage` variable will not work. `SourceImage` will never be `nil`.

[SourceImagePresented \(SourceImage As Picture\)](#)

Called after the source image has been presented. `SourceImage` may be `nil`, such as when clearing the cropper with the `Clear()` method.