
Subject: Merging images? Roepcke asks
Posted by [panther](#) on Tue, 09 Jul 1996 07:00:00 GMT
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Hello,

i have two images with 256 colors (in rgb-code eg).

no I want wo merge this two images...

a) $\text{pixel1} + \text{pixel2} / 2$ is working, but not fine...

how about the brightness?

In addition to that I want to fade both images in an interactive way with sliders and then finally choose an setting for saving.

Are there any fast algorithms doing this?

any hint needed!

Hendrik

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http://www.ang-physik _.-' _...-' \ `(^))
.uni-kiel.de/~hendrik ((.-' (< _ ;_... ;`'

Subject: Re: Merging images? Roepcke asks
Posted by [David Foster](#) on Wed, 10 Jul 1996 07:00:00 GMT
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panther@jungle.toppoint.de (Hendrik S. Roepcke) wrote:

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> interactive way with sliders and then finally choose
> an setting for saving.

If the images are gray-scale, then it might help to scale them individually and especially after adding them. Also, you can adjust the color-table to change the "grayscale setting" to make the images brighter and darker.

I'll mail you two routines, `BYTE_SCALE()` and `GRAYSCALE()`, that I've written to do this.

Hope this is useful. The `GRAYSCALE()` routine brings up a widget with two sliders for adjusting the window size and level of the grayscale. The `BYTE_SCALE()` routine gives the same results as `TVSCL()`, but saves to an array (`BYTSCL()` always scales between 0 and 255; `BYTE_SCALE()` scales between 0 and `!d.n_colors-1`, and allows flexibility for reserving colors, etc.)

Hope this is useful.

Dave Foster
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