

# Fast Image access for binarization

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hi,

is there any way to access image data efficiently to speedup the global binarization code speed. our code is taking abt 40msec right now but we need to reduce it down to 5-10msec.

our loop is like this:

```
for(i = 0; i < (width * height); i++)
{
if (image[i] > threshold)
image[i] = 1;
else
image[i] = 0;
}
```

image size is 512x512 to 4096x4096

there are different checks involved but we r trying to remove them from the loop completely. this one check however cannot be moved out of the loop.

is there any platofrm and hardware independent way of speeding up this code?

any unique solutions to this problem? please help us out.

thanks and regards,  
siddharth

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