

dilation

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Hi there,
 i'm new to this group n i hope not to be out of topic.
 I'm trying to create a dilate() funcion by which i can dilate my inputimage (m_inputImage). I check all background points of my input image, if one of them is a foreground point's neighbor (by chessboard distance), then i add it (or them) to the object.

This is my code, but it doesn't work:

```
static const unsigned char foreground = 0;
static const unsigned char background = 255;

unsigned char * neighD8(IplImage *img, int r, int c) {
  unsigned char *n = (unsigned char *)malloc((sizeof(unsigned char))*8);

  int k=0;
  for(int i = r-1; i<=r+1; i++)
  for(int j = c-1; j<=c+1; j++) {
    if ((i!=r)&&(j!=c)) {
      n[k]=img->imageData[(i*img->widthStep)+j];
      k++;
    }
  }
  return n;
}

void dilation(void) {
  int k = 1;
  int *kernel = new int[(2*k+1)*(2*k+1)];

  if(m_inputImage->nChannels!=1) {
    AfxMessageBox("immagine RGB!");
    return;
  }

  CvSize size;
```

