Subject: any suggestion about merging small regions

Posted by Xiaoying Jin on Wed, 08 May 2002 05:25:43 GMT

Hi, there,

After segmentation, I got a lot of regions contiguous with each other.

As Ted Cary descibed in the previous post,
"It is something like a grayscale photograph of a jar of
marbles. All the marbles are touching each other, so there is no
background. Two marbles of the same color may not belong to the same
region.
You want to give a unique label to each marble/region."

But now here is the problem: Even if the gray levels of the regions are
fairly uniform,
there are a lot of holes in a big region assigned to other different
regions. So if I try to
find edges between different regions, the output will get complicated.
To solve this problem, I want to merge regions with small area into the
adjacent regions.

Any suggestion about how to implement it in IDL?

Best regards,

Xiaoying Jin