
Subject: idlanroigroup masking weirdness
Posted by [Loren Anderson](#) on Mon, 28 Apr 2008 14:26:02 GMT
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Hi all,

I've been using idlanroigroup to create masks and there I've found something to be aware of. Let's say you have a background mask that goes from masked (value = 0, "-") to unmasked (value = 255, "+") like so:

```
-----+++++++  
-----+++++++  
-----+++++++  
-----+++++++  
-----+++++++  
-----+++++++  
-----+++++++
```

Now you want to do further masking on this, like so (cut out a semicircle:

```
-----+++++++  
-----+++++++  
-----+++++  
-----+++++  
-----+++++  
-----+++++  
-----+++++++
```

What you will get will be a **filled** semicircle - it will not be masked out. This applies only when the boundary goes from 0 to 255 from left to right. This sort of boundary: ++++----- does not produce this problem. It must have something to do with how the mask array is filled.

Here's an example: <http://people.bu.edu/andersld/mask.jpg>

-Loren
