



Bugs: dmmakereg

A list of bugs fixed in CIAO 3.4 is included at the end of this document.

Caveats

1. *Adding bad pixel regions to a file*

If the tool is being used to add bad pixels, note that Point and Box are the only shapes that the event processing tools understand.

Bugs

1. *The append option of dmmakereg does not work when kernel=ascii. (07 Sep 2006)*

```
unix% dmmakereg "circle(100,110,20)" file.out append=yes kernel=ascii
# dmmakereg (CIAO 3.4): ERROR: Could not create file 'file.out', it exists and
clobber = no.
```

2. *ASCII output from region="bounds" cannot be used with ds9. (07 Sep 2006)*

Using `region="bounds(...)"` and `kernel=ascii` produces a region file that cannot be loaded into ds9. This is because the tool writes out the shape definition "Rectangle(xlow,ylow,xhi,yhi)" rather than "box(xmid,ymid,width,height,angle)".

The CIAO tools correctly handle this output file, e.g. in DM region filtering.

3. *Shapes with different numbers of points (16 May 2007)*

This bug is triggered when the shapes that are being printed don't all have the same number of points (e.g. one is a circle and one is a polygon):

```
% dmmakereg region="circle(1,1,5)+polygon(1,1,2,2,3,3)" ker=ascii out=-
# Region file format: DS9 version 3.0
global color=blue font="helvetica 10 normal" select=1 edit=1 move=1 delete=1 include=1 fixed=
physical;Circle(1.000000,0.000000,5.000000) #
physical;Polygon(1.000000,1.000000,2.000000,2.000000,3.000000,3.000000,1.000000,1.000000) #
```

The output Circle has the y- position set to 0 instead of 1 (the input value).

Bugs fixed in CIAO 3.4

The following is a list of bugs that were fixed in the CIAO 3.4 software release.

1. *dmmakereg does not read the WCS information if an event file is given in the wcsfile parameter.*

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WCS is obtained from image files correctly.

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URL:
<http://cxc.harvard.edu/ciao3.4/bugs/dmmakereg.html>
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