



CIAO 1.1.2 Release Notes

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Note: The CIAO 1.1.2 patch has not been fully tested and is not in a CIAO dir tree. It is a simple patch to work sherpa issues with some data sets. We will 'officially' release this code in CIAO 1.1.3 (~1 May).

Sherpa – two bug fixes are included:

1. glue.C : EFFECT: fixes bug that rendered useless the Sherpa command "record," which logs parameter values and chi-squares in a file called "search.dat." The chi-square output (val) was wrong and meaningless.
2. histogramAxis.C : EFFECT: fixes bug that prevented 1D histogram (PHA) datasets from being fit with some filter choices, and caused the following error message to be displayed:

```
Error: A DataSet Error has been detected.  
-- Internal miscount of number of rhs points.
```

The bug is seen only when a given filter range in the convolved PHA data space mapped to two or more non-contiguous filter ranges in the unconvolved RMF energy space. (Simplistic example: photons in the non-contiguous energy ranges 0.1–0.2 keV and 0.4–0.5 keV can be recorded as counts in the contiguous PHA bin range i–j, but photons between 0.2 and 0.4 keV cannot.)

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URL:
http://cxc.harvard.edu/ciao3.4/releasenotes/ciao_1.1.2_release.html
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