Bugs: dmkeypar

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

Bugs

1. ***Cannot access the second element in a vector column*** 🆕 *(07 Mar 2008)*

   dmkeypar cannot be used to get information from the second element in a vector column, e.g. the second R value from a wavdetect source file:

   ```
   unix% dmlist s3_src.fits"[cols R][#row=1]" data
   --------------------------------------------------------
   Data for Table Block SRCLIST
   --------------------------------------------------------

   ROW    R[2]

       1 [        3.8186242580        2.8336687088]
   ```

Bugs fixed in CIAO 3.4

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

1. ***The tool should not be used to read data from array columns that are part of a vector.*** *(01 Jun 2006)*

   dmkeypar will access the first X value correctly, but not the first Y value in the vector array column (when the length of the array is > 1).

   Examples of such a column are the "x", "y", and "pos" columns below:

   ```
   ------------------------------------------------------------
   Columns for Table Block REGION
   ------------------------------------------------------------

   ColNo  Name                 Unit         Type          Range
      1    POS(X,Y)[11]         pixel        Real8(11)     -Inf:+Inf
      2    SHAPE                             String[16]
      3    R[2]                 pixel        Real8(2)      -Inf:+Inf
      4    ROTANG[2]            pixel        Real8(2)      -Inf:+Inf
      5    COMPONENT                         Int2          -
   ```