



Bugs: dmtype2split

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1. *dmtype2split* copies only the first component when splitting a vector column.

When breaking up a vector column, e.g.:

```
unix% dmtype2split 'region.fits[cols x,y]' myout.fits
```

dmtype2split copies only the first component of the vector:

```
unix% dmlist myout.fits cols
```

```
-----  
Columns for Table Block SPECTRUM  
-----
```

```
ColNo Name Unit Type Range  
1 POS pixel Real8 -Inf:+Inf
```

The POS column should be a vector, but only contains the 'X' column data.

2. *dmtype2split* changes the *CHANTYPE* header keyword (31 Aug 2006)

If the *CHANTYPE* in the input file is *PI*, *dmtype2split* changes it to *PHA* in the output file:

```
unix% dmkeypar pha2.fits CHANTYPE echo+  
PI  
  
unix% dmtype2split "pha2.fits[#row=9]" row_9.pha  
  
unix% dmkeypar row_9.pha CHANTYPE echo+  
PHA
```

If the *CHANTYPE* is *PHA* in the input file, it is correctly propagated to the output.

3. *The BACKSCAL column is not preserved in output* (31 Aug 2006)

If the input file has a *BACKSCAL* column (or columns), that information is not copied to the output file. Instead, the *BACKSCAL* value is added as a header keyword.

Bugs: dmtype2split – CIAO 3.4