Merit FITS files & HippoDraw

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Merit FITS files

- Examples are in same FTP directories as ROOT files
  - Conversion
    - Done with tree2tf from the AstroROOT package
      http://isdc.unige.ch/Soft/AstroRoot/.
    - Version 4.0, requires ROOT version 4.00.02 or better.
    - Installed at SLAC at
      /afs/slac/g/glast/applications/astroTools
  - Validity
    - checked with script cmpTuple.py, available from the FTP site. Requires HippoDraw, pyfits, and numarray.
  - Checksums
    - Are not correct in the current version, this is not a problem, but will be fixed
FITS & HippoDraw

• Files must be decompressed before they can be read with HippoDraw
• To view FITS files with HippoDraw, use a script (available from our FTP site as hippofits.py):

```
#!/usr/local/bin/python2.3
import sys, FitsNTuple, hippo
infits = sys.argv[1]
fitsTuple = FitsNTuple.FitsNTuple(infits).makeNTuple()
app = hippo.HDApp()
sys.stderr.write("Enter 'q' to quit...")
while sys.stdin.readline()[0] not in 'Qq':
    pass
sys.exit()
```

• After loading, must click on canvas window to see data.