Subject: CDF and HDF5 problems

Posted by Matthew Argall on Thu, 22 May 2014 12:49:10 GMT

I read both CDF and HDF5 files and am running into similar problems for each. There are two routines that slow things way down, CDF_OPEN and H5A_GET_NUM_ATTRS. My program gives

```
IDL> profiler, /report
Module       Type  Count   Only(s)  Avg.(s)    Time(s)  Avg.(s)
CDF_OPEN      (S)      8  21.990163 2.748770  21.990163 2.748770
H5A_GET_NUM_ATTRS
              (S)    184  16.309904 0.088641  16.309904 0.088641
```

However, if I try the same operations from the IDL prompt, this time is reduced to a fraction of a second. Does anyone know why this would be?