Sam\_idl

Read Me

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**This Folder is a Default Search Place for IDL. All Idl Programs in this Dir/Sub Directories.**

* Archive: Archive of older files
  + Learning\_idl : Idl Procedures For Learning and Solving Issues/ Experimenting
    - Condition.pro : Condition Example
    - Histogram.pro: Histogram Example
    - ReadDataFiles.pro: Reading Ascii Files
    - ReadLevel2BinaryFiles.pro: reading Level 2 Binary Files Version 6/7
    - SimpleBinary: Create and read a binary file.
    - Solving\_Issues: A Program to solve issues
    - StringCheck.pro: String Manipulation and Example.
  + Cal\_Energy\_V\* : Different Versions of the Cal\_Energy
* Research\_Idl : Idl Procedures Used in Research.
  + Level2\_idl: Level 2 Binary File Operating IDL Programs
    - Flt\_l2\_scat.pro: Plot Level2 Histograms for Scat Angle(Default) and switches to Position angle after changing a Keyword.
    - Flt\_l2\_kolmo.pro: Get the Kolmogorov Coefficient of Data.
    - Figureplot.pro : Sub-Procedure to plot. This is a part of Plotlevel2ScatAngleHistogram.pro
    - Gfunct.pro: Function::A function for the curve fitting used in Figureplot.pro
  + Calibration\_idl: Calibration Idl Files. Includes the Count/Lego Plots
    - Cal\_anode\_count.pro: Does the Lego/count Plot for each Anode.
    - Cal\_Energy.pro: Does the Pulse Height to Energy Calibration
    - AnodeType.pro: Function::Gives the Anode Type
    - EventClass.pro: Function:: Gives the Event Class
    - EventType: Function:: Gives the Event Type
* Dir\_Exist.pro :
* Mpfit: An imported Procedure for checking the directories. <http://purl.com/net/mpfit>

Note: There are few imported files and here are some info on it:

1) The astronomy and the Coyote Libraries are in the IDL.