NAME

dat2run − convert Cromix AVG files to new averaged run files

SYNOPSIS

dat2run datfile [newrun]

DESCRIPTION

Dat2run allows you to convert AVG format data files, created by the *AVG* program on Cromix, to the new format averaged run files, used by *qm*(1), *analysis*(1), *wtsum*(1), *raster*(1) and *peel*(1).

The specified *datfile* must be a valid AVG format data file. Old versions (pre-15.0) are allowed. The specified *newrun* is the name of the run that will be created to store the converted data. The file name suffix **.frm** is appended to *newrun*, if not already present. If *newrun* is not specified, the name is taken from *datfile*, with the file name suffix **.dat** removed, and replaced by **.frm**. Note that the program does not check to see if a run of that name already exists − it will be silently overwritten.

The conversion involves writing a new run header, based on the data in the AVG file header, and writing out one frame, which has one trace for each of the channels stored in the AVG file. The sweep count from the AVG file header is recorded in the frame header. The calibration information is not set, as it cannot be obtained from the *datfile*.

The average's description text line, as well as the acquisition time and mode, are taken from the *datfile*'s header, and are written out as the run description for the *newrun* (with the **.txt** suffix).

DIAGNOSTICS

If any error occurs, *dat2run* prints a message, and quits. If a file was being written at the time, it will be removed. The exit status is 0 if no errors were detected, or 1 otherwise.

SEE ALSO

qm(1), analysis(1), wtsum(1), raster(1), peel(1)
Documentation for AVG program on Cromix