

**NAME**

`bin2run` – convert old bin files to new averaged run files

**SYNOPSIS**

**bin2run** *binfile* *newrun*

**DESCRIPTION**

*Bin2run* allows you to convert old format bin files, created by *analysis*(1) and *wtsum*(1) before August 24, 1988, to the new format averaged run files now created by those programs, and also used by the current versions of *raster*(1) and *peel*(1).

The specified *binfile* must be a valid old format bin file. 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. 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 bin file header, and writing out one frame for each bin read. The trace from the bin is stored as trace # 0 in the frame, and the bin's sweep count is recorded in the frame header.

If the *binfile* was one created by the old *wtsum*(1), a frame description file will be created for the *newrun* (with the **.frd** suffix). Each bin's origin information will be written as a frame description in this new file.

If the run description from the run used to produce the old *binfile* is accessible, it will be written out as the run description for the *newrun* (with the **.txt** suffix).

**DIAGNOSTICS**

If any error occurs, *bin2run* 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**

*analysis*(1), *wtsum*(1), *raster*(1), *peel*(1)