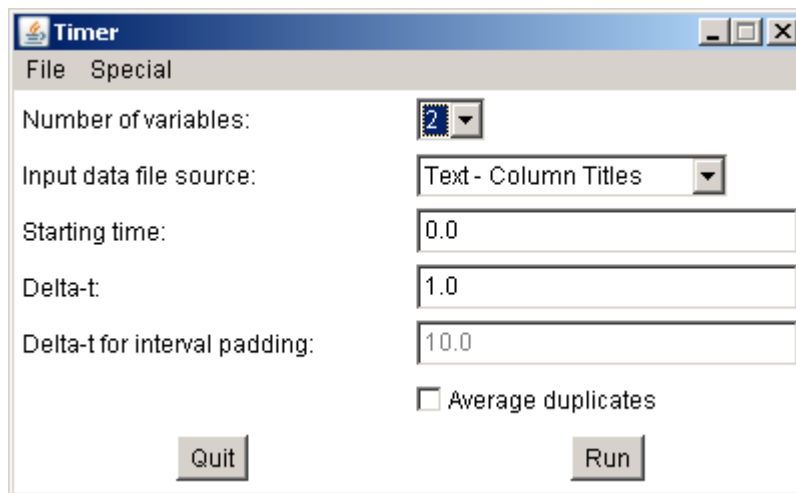


Timer User's Guide

Timer is an interpolation program that assumes an increasing data series. Key points are:

- Input is a tab-delimited text file (20,000 lines maximum) with age and as many as 9 related variables.
- An option exists to average duplicate age values. Otherwise, warnings will be issued for the duplicates.
- If any input variables have missing entries, replace the missing data values with -9999.
- The user provides the starting time and time step (Δt) for the interpolated output.
- An interval padding option (explained below) fills specified interpolated data spans with -9999.
- The tab-delimited interpolated output (30,000 lines maximum) contains age and the related variables.

Timer Dialog Box:



Number of variables: Select the number of variables in the input file. Do not count age as a variable.

Input data file source:

Ager Program Output: Automatically skip the depth column when the input file is from Ager.

Text – Column Titles: The input file must be a tab-delimited text file with column titles on the first line.

Text – No Column Titles: The input file must be a tab-delimited text file without column titles.

Starting time: Enter the output series starting time, which may differ from the initial input series time.

Delta-t: Enter the desired time step (Δt) for the output series.

Delta-t for interval padding: If this Δt is met or exceeded from one line to the next in the input, then that interpolated data span is padded with -9999. Activate this option from the check item (**Interval Padding Mode Ctrl+M**) in the **Special** menu.

Average duplicates: Check this box to average data when duplicate ages occur in the input time series.

Once the input file has been chosen (**Open Data File... Ctrl+D**) from the **File** menu, the **Run** button is enabled on the *Timer* dialog box shown above. When clicked, a dialog box is displayed to name and save the output file. Program execution is completed.

Written by Philip J. Howell (9/2005)

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