<u>GRAFTECH 1.0 User Guide.</u>
<u>12/24/24</u>

Congratulations - you have obtained a copy of GRAFTECH - the instant graph drawing program from INPROTECH INC.. Please feel free to distribute copies of this program to anyone you like.

The purpose of GRAFTECH is to enable the user to produce high quality graphic representations of quantative information as quickly and accurately as possible. The emphasis is on speed - the user is not required to be an expert in graphic arts or in numerical analysis - the idea is that you put in the numbers and the program figures out the best way to lay it all out on the page.

This version of the program is not packed full of features and may even have a bug or two, so please feel free to use the 'Bug Report' feature whenever you think it is justified.

Please also feel free to use the registration feature - the program is SHAREWARE and if it shares well this will enable us to expand it to meet all your needs.

The following gives a brief introduction to the program, more extensive documentation is available upon registration and a complete user guide will be published with successive revisions as more functionality is added.

<u>Data Sets & Series</u>:

You create graphs in a '*data-set*' 'which has its own window on the screen and is defined by a set of characteristics called 'options'. A new data-set is created by selecting 'new' from the 'data set' menu item. This causes the 'new data set' dialog box to appear. The information entered in this dialog define the 'options' for a data set. The options may be changed at any time by selecting 'options' from the 'data set' menu item. Any number of data sets may be active at any time, limited only by the amount of memory you have available. However as the number of data sets increases the response time gradually degrades.

Within each data-set resides a number of '*series* '. A series is also represented by a window and is defined by a set of 'options'. A series defines a set of related points to be plotted in the data-set. A new series is created by selecting 'new' from the 'series' menu item which causes the 'new series dialog' to appear. The information entered into this dialog defines the 'options' for the series. The options may be changed at any time by selecting 'options' from the 'series' menu item. The 'new series dialog' is automatically entered after successfull completion of the 'new data-set dialog' when it is invoked via the 'new' menu item.

Data is entered into the series window in two columns x and y. When the 'tags ' option in the data set dialog is selected, the information entered in the x column is treated as text and is printed at regular intervals along the x axis, (this is the default for histograms and bar charts). When the tags option is not selected, then the data entered in both columns is treated as numerical and may contain any value including a sign and decimal point. The number of points in the series is only limited by the amount of memory available. The entries in the series window may be edited in the usual 'mouse sensative' way, the user can 'tab' from one entry to the next and use 'return' or 'enter' to insert or make space at the end of the window. Note that the data may be entered into the series window in any sequence but that when a series is plotted the data is sorted into the ascending sequence of the x column, so that next time you look at it the sequence may change.

The best way to get the hang of the program is to use it. There are a few of less obvious features which you will discover if you are persistent enough, and which are revealed in the complete documentation which is available upon registration.