

Boston University Data Analysis package

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Introduction.

This set of files is the Boston University Data Analysis program. It is capable of reading IonSpec data files, and the source code is included for you to modify as needed. If you do choose to modify the code for whatever reason, please try to make your code modular and in separate source code files so that it is easy to incorporate. Then, please send me a copy of the changes so that I can include it in the official version (but be sure to include a comments section at the beginning of each file that gives your name and explains the files so that people can use them best and give you credit). The license agreement is pretty open, but you should read it before you get going so that everyone is satisfied. It is listed below.

Installation.

The program is compiled for use in Windows 95, 98, and NT computers. I have tested it in these three environments, and it will probably work well directly. Copy the .dll files to the windows/system directory (except for the MFC*.dll files which may not be necessary on your computer – if they are, the first time you try to run Buda, it will crash saying it can't find the file). Then create a directory called "C:\Buda" (this is unfortunately hard wired into the program, perhaps we can change it later) and copy all the rest of the files there. Then try to run Buda. If it doesn't run directly, and you can't figure out the problem, contact me and we can figure it out.

Compilation.

Acquire a copy of Microsoft Visual Studio version 6.0. It is pretty cheap, and very easy to use. The source code included should have the .dsw and .dsp files that Visual Studio needs to find all the files it uses. Simply copy all the source code files to a directory (e.g. C:\My Documents\Buda) and try to load the workspace from there. If that doesn't work, contact me and we can figure it out. If the workspace finds all the files and loads fine, you should simply be able to do a "rebuild all" and recompile the code.

Copyright.

Buda is copyrighted as shown here.

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Notes:

If you make modifications to Buda, you should put a comment at the top of each file that denotes your changes. If you can make the changes in a new source code file, you should take credit for that file in a similar way to the copyright notice above. If you wish to include your modifications in the official version of Buda, I will be happy to help, but only if you are also willing to make your source code freely available as Buda itself is.

Contact information.

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