"Edit" Menu

"Cut," "Copy," "Paste" menu selection and key-combinations
You can only "cut," "copy" or "paste" the error code numbers and search text in the Mac OS errors, Sad Mac and "Find" screens. The key-combinations (Command - X, Command - C, Command - V), and menu selection of "Cut," "Copy" and "Paste" will not work on the error name or descriptive text.

"Close" button
To exit from the List window, click on the "Close" button.

"List" Menu

If you want to look at a specific group of errors (for example Process to Process Communication errors), you can access a listing from the "List" Menu. Shown below is the listing for the "P" selection. Once a grouping is selected from the drop down menus, a list of only those errors will be shown.

he Process to Process Communication List was chosen and is shown in the screen below.

"File" Menu

sing "Open File" option
In the Mac OS operating system environment, all collections of executable code (applications, plug-ins, extensions and the system software itself) are organized as fragments.

An application is a fragment that can be launched by the user from the Finder.

An import library is a fragment that contains code and data accessed by some other fragment or fragments. The Macintosh system software is an import library that contains the code (and information) implementing the Operating System routines.

An extension is a fragment that extends the capabilities of some other fragment.

Import libraries and extensions are sometimes called shared libraries, because the code and information they contain can be shared by more than 1 thing (a "thing" being an application, extension or library).

Before the code or data in a fragment can be used, it must be loaded into memory from its file and prepared for execution. This process is usually handled automatically by the Code Fragment Manager, the part of the Macintosh Operating System responsible for loading and preparing fragments.

Fragment preparation consists mainly of resolving any references to other fragments in the fragment being loaded. The Code Fragment Manager searches for another fragment (an import library) that has the information requested by the fragment being loaded. Of course the import library containing the code or information requested by the first fragment might itself contain references from yet a third fragment. If so, the Code Fragment Manager needs to load and prepare the third fragment, then the second fragment, and finally the first fragment.

If a particular fragment can't be located, you may get a message indicating that "The application 'xxx' cannot be launched because 'yyyLib' cannot be found".

The "Open File" option is designed to help you identify and locate any shared libraries needed by an application, extension, shared library or plug-in. It allows you to examine ANY file on your system for "Shared Library" dependencies.

To examine a partcular file for what shared libraries it might require, you can select the file using the "Open File" menu option or you can simply drag the file onto the Black & Bleu™ icon. Both methods perform the same action.

nce the file has been selected, you will see the following window.

he title of the window will be set to the name of the file you are examining. The contents of the window is organized into 5 columns.

The first column or "Library" lists the name of each shared library that is referenced by the file you are examining. Note that the library names MAY NOT be file names. Normally the name of the shared library is used as it's file name but there is no requirement imposed by the Mac OS for this.

The second column ("Req'd") is short for "Required". If the word "Yes" appears in this column next to a library name, then that shared library MUST be found on your system or you will get the "Applicaiton won't launch" error from the Finder when you try to use the applicaiton. If you see "No" in this column, then the application doesn't need the library but will probably not allow you to use all of its features either.

Column three is "Min Ver" This is short for "minimum version". The value contained in this column indicates the minimum version of the shared library needed by the application. A value of zero in this column indicates that any version will work.

The "Found" column (column four) indicates whether Black & Bleu™ was able to locate the shared library on your computer.

And last, column five is "Notes". Here you will be offered comments about the library. A note might be the location (and file name) where the library was found; an error status that occurred while attempting to locate the library or nothing at all.

Finally, at the bottom of the display you will be offered one additional comment about the file.

During normal operation of the "Open File" option, your System Folder will be searched for shared libraries. This process can take some time. To halt the search before it completes, you should press the "Command" (Apple) and "." (Period) keys at the same time. There is no harm done by halting the search. You will simply not get as many comments as you might have gotten if you allowed the search to complete.

"Export Explanation" option (Black & Bleu™/PRO version only)
If you purchased Black & Bleu™/PRO v2.0, the "Export Explanation" option will be available from the File menu. "Export explanation" option allows you to select an error and export its explanation to a text file. This feature of Black & Bleu™ is intended to

provide technicians and consultants with a way to share Black & Bleu's explanations with others.

tep 1
Select the Export explanations option from the File menu. Note: you must also have the Mac error code window open with an error number selected. You can also use Command-S key stroke combination to select this option.

Step 2
When you save the selection, a file with the file names you chose will be created. The screen below shows a sample of an exported error explanation.

"Review license terms" option
If you wish to review the license terms from within Black & Bleu™, select this option from the menu.

he screen below shows a synopsis of the License Terms and Conditions. For the complete text, see "Complete License" in this instruction manual.

"Free license" option
If you wish to review the free license offer, select this option from the menu.

he screen below shows the terms for the free license offer.

"Close window" option
To close any window, select "Close Window" or use Command-W key combination.

"Quit" option
To exit from Black & Bleu™, select "Quit" or use Command-Q key combination.