Using the Search All Sequences Plug-in

The Search All Sequences plug-in provides a way to search all sequences in a module for instances of a particular database record name or string. For instance, when inside any database (location, variables, path etc) you can click on **SEEK> Search all Seq** and a search will automatically be initiated to find any instance of the name of the current record in the database. All sequences within the current resource module will be searched. While searching, a popup window will display each sequence that is being searched. After the search is complete, another window will pop-up displaying the search results. You can double-click on a result to take you to the sequence indicated by the result. If there are no instances of the string found, an error message will be displayed stating that the item could not be found. The search can also be used to find the occurrence of statements such as MOVE or INSPECT. However, this must be initiated manually.

To search all sequences manually:

Utilities => Search all Seq
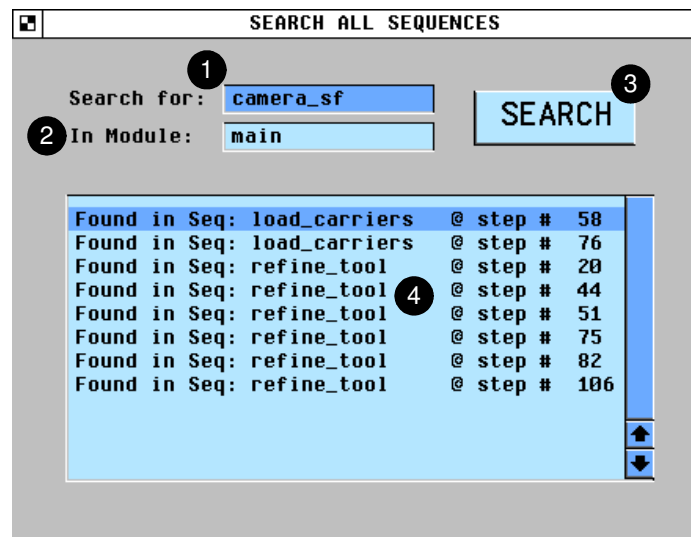
The following screen is displayed:

Figure 1

❶ Enter the string to search for. An asterisk (*) may be used as a wildcard.

❷ Enter the name of the module that contains the sequences that you want to search. Only sequences in **this** module will be searched.

❸ Click this button to begin the search.

❹ This scrolling window contains the results of the search including the name of the sequence and the step number where the search string was found. Double-clicking on a result in this window will automatically take you to the sequence indicated in the result. Unfortunately, the sequence editor opens up at line 1. However, the standard FIND function will be pre-loaded with the search string. This means that you can use the F8 key to go to each instance of the search string within the open sequence.
Use the UTILITIES>Search all Seq pull down to get back to the results window. Lines that have been double-clicked will be a different color to make it easier to track which results have been looked at already.

Things to Remember

When searching manually, keep in mind that the search was created to find instances of database record names in the sequences. The search may not find words in comment lines that stretch across field boundaries. (Each line of the sequence database has 17 fields of 15 characters each. Comment lines use these fields back to back and any word that is partially in one of the fields and part in another will not be found)

Only sequences are searched. For instance, a frame record name that is not found in a sequence may still be in use in a location record. Use caution when using the search function to delete "unused" records. (a future version of this plug-in will include searching databases as well)

The search is NOT case sensitive.

The **SEEK>Search all Seq** pulldown was added to a standard group of menu pulldowns so it will be available in virtually any database (standard or custom) that allows record editing functions.

A maximum of 100 instances per sequence or 500 total instances can be found.