#85   Search Se**lection using the Search Editor**

Written by Dave Terry   Published Date April 6, 1988

Search Selection using the Search Editor

Tech Notes 23 & 70 explain how to perform a **SEARCH SELECTION** using the standard search editor, in both the Custom and Design environments. In either case, if an "or" search is performed on indexed fields a full search will occur and not a search selection. Because of this, a small routine is needed to insure that the records found will always be from the current selection. See the following code.

```
DEFAULT FILE([Filename])              ` Set the default file so that we don't have to include
   `  the file name in all of the set operations.

CREATE SET("sCurrent Selection")      ` Create a set out of the records selected before the
   `  search selection.

SEARCH SELECTION                      ` This command brings up the standard search editor
   `  (See Tech Note # 23).

CREATE SET("sNew Current Selection")  ` Create a set from the records found after the
   `  search selection.

INTERSECTION("sCurrent Selection";"sNew Current Selection";"sEven Newer Current Selection")
   `  Intersect the set created before the search with the set    ` created after the search.  The resulting set
   `  assures that the records found were in the original current          ` selection.

USE SET("sEven Newer Current Selection")   ` Use the set that was created by the intersection.

CLEAR SET("s@")                       ` Cleans up.  Frees up memory used by the sets.
```

Note: The procedures listed are not recommended for use in a multiuser environment due to the fact that records may move between the set operations if other users add, delete or modify the current selection of records.

4th Dimension Technical Note