

How to - Pre-sort or Filter a Barista Inquiry

If calling `bax_query.bbj` from callpoint code, you can tailor the inquiry, establishing search values and/or filters, by using the arguments below in the call:

```
gui_dev      : Previously opened GUI device channel
BaseWin!    : Form object of calling task
alias_id$   : Barista alias/inquiry ID
inq_mode$   : Inquiry mode:
    DRILL    - Drilldown (Future recursive inquiry ability)
    MULTISEL - Allow selection of multiple items (Ex: Copy mode)
    VIEW     - View only. No selections allowed
    LOOKUP   - Selections allowed
table_chans$[] : Barista opened table/channel array
selected_key$ : Selected key (if any) returned to calling program
filter_defs$[] : Two dimensional array containing preset filter definitions.
    n = one-based filter number.
    [n,0] - Filter <alias>.<column>
    [n,1] - SQL filter syntax for column. Examples:
        ='100'      to find items equal to '100'
        LIKE '503%' to find items starting with '503'
        LIKE '%503%' to find items containing '503'
    [n,2] - "LOCK" to disallow changes to this filter (future)
search_defs$[] : One dimensional array containing preset search definitions.
    [0] - Search <alias>.<column> (blank = default primary column)
    [1] - Partial search text (case sensitive)
    [2] - Sort order: <A>scending (default) or <D>escending
key_pfx$     : Key prefix. Limits inquiries to prefix data. Not editable.
key_id$      : Key Name ID to use during sort.
```

Example: in BOVE (Before Overview Lookup)

```
alias_id$ = <"MY_TABLE">
inq_mode$ = "LOOKUP"
key_pfx$  = firm_id$
key_id$   = "PRIMARY"

dim filter_defs$[1,1]
filter_defs$[1,0] = <"MY_TABLE.COLUMN_TO_FILTER">
filter_defs$[1,1] = "'2'"

call stbl("&DIR_SYP")+&bax_query.bbj",gui_dev,Form!,alias_id$,inq_mode$,
table_chans$[all],selected_key$,filter_defs$[all],search_defs$[all],key_pfx$,
key_id$
```

```
if selected_key$ <> "" then callpoint!.setStatus("RECORD:[" + selected_key$  
+ "]") else callpoint!.setStatus("ABORT")
```