

APL Expert System

Getting Started

Editor Functions

[P	Picture out the current information within the editor.
[D	Delete selected line(s) of information within the editor.
[S	Search for selected string of characters.
[Sxxx xxx	Search for selected string of characters and replace with new string of characters. For example, SABL APL.
[Q	Quit out of the particular editor being used.
[L#	Used within EDPORT to move from level to level. For example, to move from level 1 to level 3, type [L3 and press Enter.
[M	Used within EDPORT to move from level to level, in sequential order. For example, to move from level 1 to level 2, type [M and press Enter.

Primary Operators

EQ	Equal To. Returns any records that have the expression specified in the field specified.
FEQ	First Equal To. Has the same uses as EQ except that it returns only the first occurrence.
NE	Not Equal To. Returns only the records that do not contain the expression specified.
GT	Greater Than (but not including). Returns any records that contain a value greater than the value specified.
GTE	Greater Than or Equal To. Returns any records that contain a value greater than or equal to the

value specified.

LT **Less Than** (but not including). Returns any records that contain a value less than the value specified.

LTE **Less Than or Equal To.** Returns any records that contain a value less than or equal to the value specified.

EW **Ends With.** Returns records that end with the value specified.

Secondary Operators

SORT Sorts accounts / securities selected in ASCENDING or DESCENDING order.

LIST Lists the record short names selected on the screen.

AND Links two search conditions. AND means that both conditions must be true.

OR Links two search conditions. OR means that either one or both conditions must be true.

NOT Returns all records that were not in the selection.

Selection Utilities

\SELECTAC Select and retain account grouping for use in other functions and/or reports.

\SELECTSEC Select and retain security grouping for use in other functions and/or reports.

\LASTACTS Retain and use last account selection entered at the *Search For What?* prompt.

\LASTSECS Retain and use last security selection entered at the *Search For What?* prompt.

Printing and Viewing Options

****COPY** Creates printable copy of file.

****COPYSOME** Creates printable copy of file for selected information.

PRINT Prints report to current printer.

HO Access the print holding queue.

BROWSE View chosen report on screen.

SUBMIT Request print jobs to be run and printed.

SETPRT Select new printer.

SETFORM Select new font and size / orientation.

Account Master

CLIENTSCREEN View account information for an account.

COLLAPSEOPENS Re-combines tax lots.

COMBINE Temporarily combine one or more accounts into one account named COMBO.

COMBONYC Combine one or more accounts into an account.

COPYACT Copy account information and positions from one account to another.

EDAC Edit account master data for one or more accounts.

EDGLOBALMEMO Create memo codes for all accounts.

EDITAC Edit account master data for one account. Add a single new account to the system.

EDITACFIELDS Edit account master field mapping.

EDITBRKMAP Edit mapping of broker codes and broker id numbers.

EDMEMO Edit account memo files for individual accounts.

EDMISC The only function that can change the SNAM.

EDRRNM Edit and define broker (DESBK) information, (CONTACT) information, Category (CATG), Budget, and Ticket charge.

FINDSNAM Find the short name (SNAM) for an account group of accounts based on a partial description.

MEMOCODE Add or remove memo codes for one or more accounts.

NEWACCT Add one or more new accounts.

SCREENAC View account master information for one or more accounts.

ACFIELDS

View the descriptions of the various account master database fields.

Security Master

Databases

Private databases contain securities held in your accounts. You can edit a security if it is in one of your private databases. If it is not in your private database, it is the APL public database and cannot be edited.

(Note: XXX represents the client acronym).

xxxHOT	Private subset of BW:SECSA.
xxxSEC	Other privately held securities and securities not priced by APL.
BW:SECSA	Master database (public).
BW:SECOPT	Options database (public).
BW:SECMISC	Miscellaneous securities (public, benchmarks and exchange rates).

Sources

Fiserv has direct relationships with two pricing vendors:

FT Interactive Data

JJ Kenny

FT Interactive Data

Equities, including common and preferred stocks.

Options.

Mutual Funds.

U.S. Government Treasury and Agency Obligations.

Corporate bonds, taxable rated Aaa/AAA to Baa3/BBB (Moody's / S&P).

Corporate bonds rated less than BBB-(S&P) and Baa3 (Moody's).

Medium Term Notes.

U.S. Treasury Obligations.

U.S. Government Agency Obligations.

Convertible Bonds.

Mortgage Backed Securities (includes ARM's and SBA's).

Collateralized Mortgage Obligations.

Asset Backed Securities.

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Municipal Bonds.

Functions

ADDSEC	Add one or more securities to the SEC securities database.
COPYPRICES	Copy prices from one security to another.
EDDPR	Edit most recent dividend information.
EDFEND	Edit multiple securities using database commands (ISSTY EQ, EXCH EQ ...).
EDINDNM	Edit security industry classification.
EDITFIXTYP	Edit security FIXTYP descriptions.
EDITSEC	Edit security master data for a single security. Add single security to the system.
EDSEC	Edit security master data for one or more securities.
FINDSEC	Find securities based on a partial description.
FIXTYPMAP	Edit mapping of security master fields to a specific fix type.
**HELPCUSIP	Find CUSIP numbers for options, treasuries and corporate bonds.
SCREENSEC	View security master data for one or more securities.
SECFIELDS	View descriptions of the various security master fields.

Security Transactions

DELBATC	Delete a previously posted batch of trades.
DUPBATC	Duplicate a batch of trades.
EDITPORT	Edit specific account data for an account holdings.
EDPORT	Edit account holdings data.
FASTPORT	View portfolio data.
**JNLALL	Journal all selected securities from one account to another.
JNLSEC	Journal selected securities from one account to another.
POSTNEW	Post a batch that was previously created.
SEARCHBATC	Search through batches of trades based on a particular search string.
TRADESNEW	Post security transactions.
VIEWBATC	View a batch of trades.
\LOCKDES	Locks in identical description information across a group of trades.
**LOOKUPDLV	Looks up security prices on deliver transactions when creating a trades batch using TRADESNEW.
**LOOKUPRV	Calculates the receive value without accruals for any priced security when creating a trades batch using TRADESNEW.
**LOOKUPRVAI	Calculates the receive value with accruals for any priced security when creating a trades batch using TRADESNEW.

General Ledger

EDGL	Edit general ledger entries for a single account.
EDITGL	Edit general ledger entries for a single account, for a specific time frame.
FASTGL	View general ledger data for a single account, for a specific time frame.

FIXGL	Delete general ledger entries based on SACUS number.
FIXGLDES	Delete general ledger entries based on SACUS number and general ledger DESCRIPTION.
FUNDDIV	Post re-invested fund dividends.
POSTDIVS	Post cash dividends.

Additional Macro Utilities

\WHONOTRADED	Select accounts that have not traded during a certain time frame.
\WHONOTRADEDISS	Select accounts that have not traded a certain issue type during a specific time frame.
\WHONOTRADEDSEC	Select accounts that have not traded a specific security during a certain time frame.
\WHONOWNSEC	Select accounts that do not own a specific security as of a specific date.
\WHOWNSEC	Select accounts that own a specific security as of a specific date.

Macro Programs

Macros are like batch jobs that you can run on-line. They are useful in any function that requires the operator to memorize a series of responses to the program's questions.

For example, you can set up macros to run reports on a group of accounts or to retrieve an unpriced security list. Macros can also screen through a group of accounts to retrieve accounts that are taxable, etc.

Access the MACRO system from the Directory of Programs.

@ON Turn macro recorder on.

@OFF Turn macro recorder off.