Aeries Basic Query Class

What is a query and what is its purpose?

A query allows you to define the set of choices and conditions you want to use to retrieve information from Aeries. The query can be basic or more complicated based on the criteria you specify.

Single and multiple table queries. What is the difference?

- A single table query will have all results derived from one table.
- A multiple table query links two or more tables by a common field. Some tables will have the same field name.
- If you are using a query with more than one table, it requires a separation of the table name and the field name with a period ".".

You may want to ask yourself the following questions before creating a query.

- What information are you seeking?
- Where does the data reside (tables and fields).
- How do you want your results displayed (i.e., alpha by last name of a student, by teacher).

Key points to remember once the query is created and executed.

- Data is subject to change. You may want to note the date and time any results from the query (reports) were created when communicating the results to other parties.
- Always verify your query results. Aeries data is complex and it is easy to compose a query providing bad results. i.e., a test with the incorrect part or title. You may ask someone who knows the data to check your results.
- If you use an existing query, double check the tables, fields and the output. Some of the fields will be old, may no longer exist or moved to another table.
- Always verify the output.

Query Panel
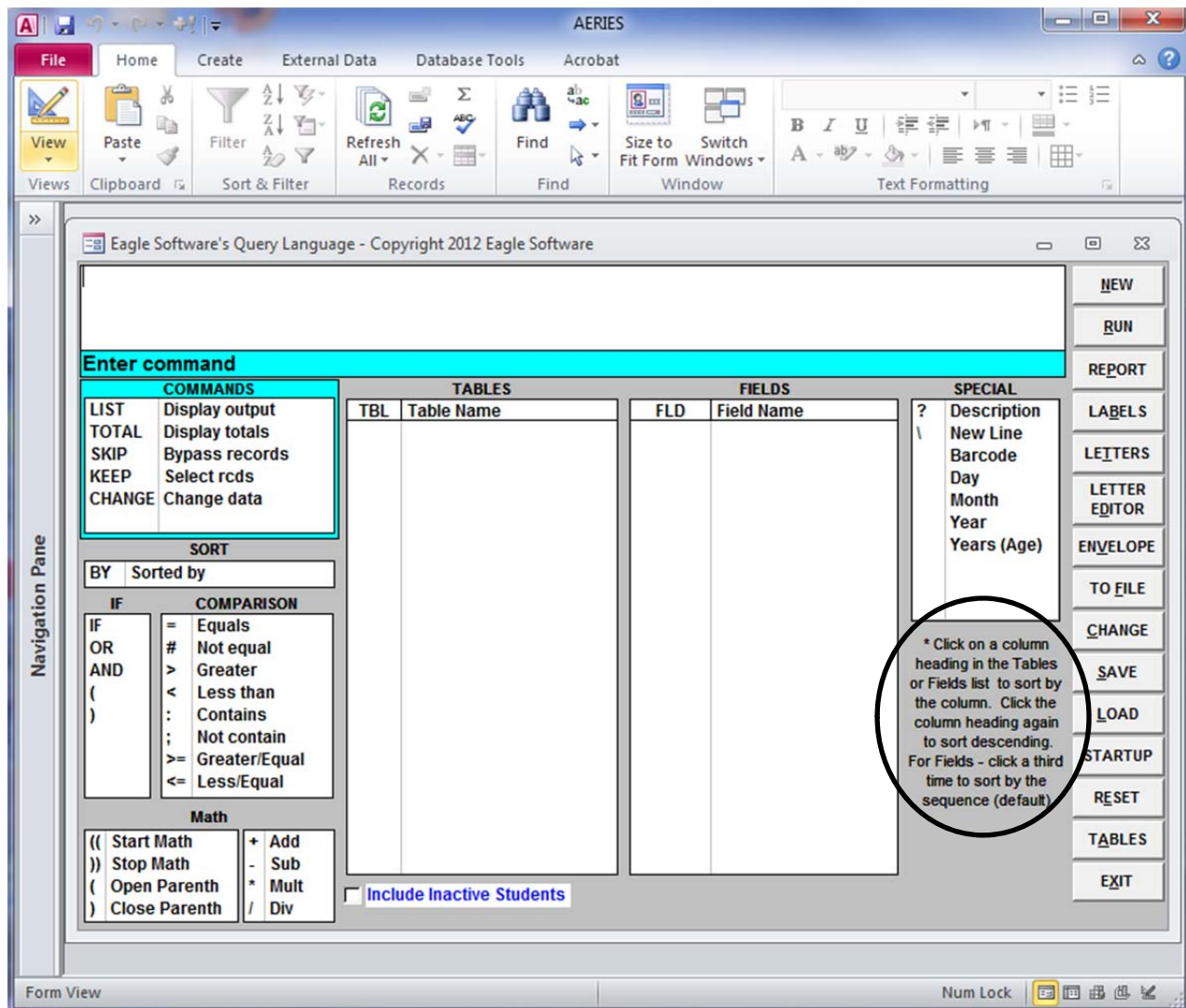
Commonly used tables

Tables	Description
STU	Student Data
LAC	Language Assessment
TCH	Teachers
TST	Testing Data
CRS	Course Data

Query Command	Description
LIST	selects and displays the query data
TOTAL	calculates the total amount for a specific category and displays records
SKIP	will bypass specific records
KEEP	will select specific records

Operator: Is used as an instruction on how a query is to be processed.

Operators	Description
IF	will set a condition for records to be displayed
BY	will provide results in the order of the request
AND/OR	sets a parameter within the query
LIST	selects and displays the query data

Special Characters	Description
?	Will connect a field to the COD table and display the code description
\	Forces the print line to drop down one line
Barcode	Will generate a number into a scanning barcode on a label RSwide39 front must be in the windows/fonts/director
Day	Will only display the Day from the date
Month	Will only display the Month from the date
Years	Will calculate the number of years from the date
NM	Will join LN with a command and the FN
MI	Will only display the first letter of the MN

Aeries Symbols	Description	Aeries Symbols	Description
#	is NOT EQUAL to	((	START MATH
:	CONTAINS or is Like	))	STOP MATH
;	Does NOT CONTAIN	**+**	ADD
<	LESS THAN	**-**	SUBTRACT
>	GREATER THAN	LEFT (field,1)	chooses 1 char from left side
		RIGHT (field, 4)	chooses 4 char from right side

Tips and Reminders

- A query needs to be run (executed) before generating a report or labels/envelopes.
- By default, Aeries will alphabetize by the last name of the student.
- **IF** and **BY** statements set a condition to your query and is placed after your list command. If you use both statements, the **BY** comes before the **IF**.
- **AND/OR** statements set a parameter within the query and placed after the **LIST** and **IF** portion of your query.

IUSD Queries

Current English Learners

LIST STU TCH TCH.TE STU.ID STU.NM STU.GR STU.LF STU.HL STU.HL? BY STU.GR TCH.TE IF STU.LF = L

CELDT Scores of Current English Learners

LIST STU TST CTL STU.ID STU.NM STU.BD STU.GR STU.LF TST.TD CTL.NM TST.OT BY STU.GR IF STU.LF = L AND TST.ID = CELDT AND TST.TD > 07/01/2011

Note: Change the date as needed to obtain the most recent CELDT scores.

CST Scores

LIST STU TST TCH TCH.TE STU.ID STU.NM STU.BD STU.GR STU.LF TST.DT CTL.NM TST.PL BY TCH.TE STU.GR IF TST.ID = CST

LIST STU TST CTL STU.SN STU.LN STU.FN STU.ID STU.GR TST.ID TST.TA CTL.NM TST.PT TST.SS TST.PL IF TST.ID = CST AND TST.TA = SPRG12 AND TST.PT = 1 AND TST.PL < 4

Note: Records returned are student number, student last and first name, Perm ID, Grade, Test ID, Test Admin, Test Title, Part Number, Scale Score and Performance Level if 3 or below.

1-Eng Lang Arts; 2-Mathematics; 20 – 29 various math courses (i.e., Algebra II, Geometry)

Query to find out how old a student is

LIST STU SN ID LN FN GR GR? STU.BD.YEARS IF STU.BD.YEARS = 11

Query for parent cell phone

LIST STU CON STU.SN STU.NM CON.NM CON.CD CON.CP IF CON.CD = "P1" OR CON.CD = "P2"

Note: The field name for parent cell # is: CON.CP

Out of Country/Out of State Students

LIST STU LAC STU.SN STU.NM STU.GR LAC.USE LAC.STS BY STU.GR IF LAC.USE > 06/30/2009 OR LAC.STS > 06/30/2009

Students with a SARB contract

LIST STU SN LN FN GR U10 IF U10 # " "

Note: Records returned are student #, last name, first name and notation in U10 if U10 is not blank.

Missing Leave Code Reason

LIST STU ATT STU.SN STU.GR STU.ID STU.CID STU.LN STU.FN STU.TG ATT.RS STU.LD BY STU.SN IF STU.TG # " " AND ATT.CD = L AND ATT.RS = " "

Note: Records returned are students with a leave code but are missing a leave reason. The "Include Inactive Students" box must be checked as the student is inactive.

       Or

LIST STU SN GR ID CID LN FN TG LD BY SN IF LD # NULL AND TG = ' '

Note: Single table query. Returned students with a leave date but the student tag is blank. The "Include Inactive Students" box must be checked as the student is inactive.

Labels or Envelopes

LIST STU PG \ NM \ AD \ CY ST ZC

       Or

LIST STU "To the Parent/Guardian of:" \ NM \ AD \ CY ST ZC

Note: The "\" indicates the start of a new line and forces the data to drop down to the next row. Labels are set for the 5160 in laser sheets with 30 labels per sheet.

Parent/Guardian's Last Name Differs from Student's Last Name

LIST STU FN LN GR PG IF PG ; LN

Returns records if the parent/guardian's last name is different from the student.

Total Student by Gender by Grade

TOTAL STU SX GR BY SX GR

Re-registration Queries

1. KEEP STU IF GR = **5** AND SX = **F**
2. Click on New Query
3. LIST STU CON STU.NM CON.EM CON.CD IF CON.CD = "P1" OR CON.CD = "P2"

Used to send out an email to parents regarding an upcoming event for just 5th grade girls. Bolded areas can be supplemented with the information needed.

---

1. Query: KEEP STU IF GR = **5** AND SX = **M**
2. You will then get a spreadsheet. You can close that.
3. Then click "New" in the top right corner of the query box
4. Type: LIST STU CON TCH STU.NM TCH.TE CON.NM CON.EM CON.CD BY TCH.TE IF CON.CD = "P1" OR CON.CD = "P2"
5. Click on "Run"
6. After you are done, make sure to click: Undo Last Keep/Skip in the bottom right hand corner of the query page, or else you will only see those students.

Used to obtain email addresses by teacher for 5th grade boys. Bolded areas can be supplemented with information needed.