



U.S. Department of Education
1998 Electronic Access Conferences



Session 22

EDExpress Query --- Advanced



Objectives

- **The New Query Engine**
- **Pre-Defined Queries**
- **Database Design**
- **Basic Setup**
- **Query on unusual fields**
- **Grid Features**
- **Hands on Exercises**



The New Query Engine

- **Install needed modules**
- **Registry is updated based on modules installed**
- **Each module installed will have a tab within query**



Pre-Defined Queries (Demo)

- **Replacing Selection Criteria**
 - All previous hard coded selection criteria are replaced by pre-defined parameter queries
 - **Select Records button**



Pre-Defined Queries (Demo)

- **Save As/Delete**
 - Existing Pre-Defined Queries cannot be deleted
 - Existing Pre-Defined Queries can be modified and saved with New title



Pre-Defined Queries (Demo)

- **Prompt for Execution**
 - Check this box if you wish to supply data for query at run-time
- **Parameter Query Entry**
 - Parameter query entry dialog displays to the user at run-time
 - These cannot be used in processes such as Add Documents and Package



Database Design (Demo)

- **All Query information stored in tbl_A_QueryFields including:**
 - **Field Names/tables**
 - **Field length/masking**
 - **Value Help**
 - **Combo Box values for Parameter queries**
 - **2billion2 flag**



Basic Setup (Demo)

- **Creating a Query**
 - Append adds the field/operator/value
- **Modifying a Query**
 - Highlight any line in the query
 - Change the field/operator/value
 - Click on Change to replace the line
 - Changing the AND/OR



Basic Setup (Demo)

- **Removing part of a Query**
 - **Highlight the unnecessary line and click remove**
- **Using Parenthesis**
 - **You can use parenthesis to create more complicated queries**
 - **Save checks for unnecessary parenthesis**



Query on Unusual Fields (Demo)

■ **Reject /Comment Codes**

– **Stored in database using commas**

- **Rejects: 01,02,03,D ,05,06,B ,**
- **Comment Codes: 001,002,010,094...**

– **Query could be defined one of two ways:**

- **(tbl_E_ISIR.REJECTS LIKE "[PARAMETER]*")** - This is a pre-defined query
- **(tbl_E_ISIR.COMMENTS LIKE "010")**



Query on Unusual Fields (Demo)

■ TRUE/FALSE Fields

– You must enter TRUE or FALSE rather than Y or N

• System	FieldName
• D	EXPORT TO EXTERNAL SYSTEM
• D	PROM NOTE MANIFEST FLAG
• D	PROM NOTE ALTERED FLAG
• D	BORROWER'S SIGNED FLAG
• D	LOAN CANCELLATION CODE
• D	EXPORT TO LOC
• D	STD SIGNED NOTE
• P	BORROWER BASED
• P	DEGREE
• P	DIRECT LOAN PLUS
• P	DIRECT LOAN SUBSIDIZED
• P	AWARD LETTER
• P	EXPORT TO EXTERNAL SYSTEM
• P	PELL ELIGIBLE FLAG
• P	SIMPLIFIED NEEDS
• P	DIRECT LOAN UNSUBSIDIZED



Query on Unusual Fields (Demo)

■ Last Name Range

– The current pre-defined query for last name range is defined as follows:

- (tbl_A_Demographic.NAME1 >= "[PARAMETER]")
AND(tbl_A_Demographic.NAME1 <= "[PARAMETER]")



Query on Unusual Fields (Demo)

■ Last Name Range

– In order to get all students from A to C you need to enter the following values:

- (tbl_A_Demographic.NAME1 >= "A")
AND(tbl_A_Demographic.NAME1 <= "CZZ")

– Or you can create your own parameter query using just <

- (tbl_A_Demographic.NAME1 >= "A")
AND(tbl_A_Demographic.NAME1 < "D")



Grid Features (Demo)

- **Sorting/Find**
- **Freeze/Hide/Size of Columns/Rows**
- **Printing from the Grids**
- **Exporting from the Grids**



Hands On Exercises