



State of Louisiana
DIVISION OF ADMINISTRATION

OFFICE OF INFORMATION SERVICES

KATHLEEN BABINEAUX BLANCO
GOVERNOR

JERRY LUKE LEBLANC
COMMISSIONER OF ADMINISTRATION

September 26, 2007

ISIS Memorandum 08-009

To: ISIS Agency Liaisons
Fiscal Officers
Business Objects Users
AFS Users

Subject: AFS Universe – New DB2 Tables and Other Changes

Two new DB2 tables have been added to the AFS Universe and changes have been made to existing tables as follows:

- The two new tables are **YFAI** and **YFED**.
- Many commonly used fields are included in the new tables and have been added to FDAD and YTDL.
- Empty coding block values are set to nulls on the YFAI, YFED, FDAD, and YTDL tables.
- A critical new field, **AFS_Unid**, has been included on the new YFAI and YFED tables and added to FDAD and YTDL.

New YFAI and YFED Tables

The AFS ledgers YTDFAID and YTDFEDAD, known in InfoMaker as YFAID and YFEDA, have been converted to DB2 tables. The two new tables, **YFAI** and **YFED**, can now be accessed using Business Objects in the AFS Universe. These ledgers have been converted to DB2 in anticipation of the EDA server becoming unavailable after September 30, 2007.

As a reminder, YFAI contains inception to date summarized revenue, expenditure, and encumbrance data from transactions that referenced a grant; YFED contains inception to date summarized FM, FM2, and FX transactions that referenced a grant. In both tables, the data is summarized to the coding block. Detailed information about a specific transaction is not available in these tables.

Commonly Used Fields Added

The following fields are included in the new YFAI and YFED tables and have been added to the FDAD and YTDL tables: class, category, group, type (for several different fields); agency name, fund name; organization name; object name; revenue source name; balance sheet account name; reporting category name; federal aid title; and appropriation name. Use of these fields will reduce or eliminate the need to use joins with additional tables. To see the full list of fields now available, please view these four tables in WebI or ZABO.

Empty Coding Block Values Set To Nulls

Users who retrieve information from the YFAI, YFED, FDAD, and YTDL tables may now create single reports that display balance sheet, revenue, and expenditure data (including any of the newly added fields). Null values will appear as blank on reports created with two or more of these types of data. For example, when a report is created using both expenditures and revenues, the expenditure object code and related class, category, group, and type codes will display as nulls on the revenue lines. Likewise, the revenue source and its class, category, group, and type will display as nulls on the expenditure lines.

It is important to note that users who specify selection criteria for a field may also need to include “isnull” in the selection criteria. For example, if a report contains both revenue and expenditure data, and if transfer objects are to be excluded, the selection criteria should be “object different from pattern ‘T%’ or object isnull.” The “isnull” is needed because the object on the revenue lines of the report is set to null values. If “isnull” is not stated, the revenue lines will be excluded from the report. However, if a report includes only expenditure data, object account will be populated on every line, and specifying “isnull” is not necessary. In that case, the selection criteria would read either “object different from pattern ‘T%’” or “object group different from ‘TR.’”

Use of “isnull” is very important when creating reports against the YFED and FDAD tables, since the fund field is not populated on FM and FM2 transactions. If both FM and FX data are being retrieved for a report, and there is a desire to have fund number equal to agency number, the selection criteria should specify “fund equal to [### agency number] or fund isnull.”

Critical New Field - AFS Unid

The **AFS_Unid** field was created in each table to eliminate a problem with dropped rows. It carries a unique value for each row to prevent rows from being dropped inadvertently. **AFS_Unid must be selected as a report object anytime a report is created using any of these four tables.** Once data has been retrieved for a report, the AFS_Unid column may be removed from the report display.

Use Of Indexed Fields Recommended When Building Queries

The YFAI, YFED, FDAD and YTDL tables are all indexed on the following fields: fiscal year, fund, agency, organization, object, revenue source, balance sheet account, account type, appropriation unit, reporting category and federal aid number. It is strongly recommended that some combination of these indexed fields be used for reports built against these four tables. Fiscal year should be the first item specified on each query and some or all of the other indexed fields should be used to narrow the data search.

It is imperative that users create smart queries to limit the data being returned whenever possible, while still meeting the business need. Failure to use indexed fields in queries wastes resources and may result in long runtimes, timeouts, or even aborts.

If a discrepancy is found in any Business Objects report that is not understood or cannot be explained, please call the ISIS AFS Help Desk at (225) 342-2677.