

UIC College of Medicine

What Schools and Colleges are
Doing to Develop Effective
Management Reports

Need for Management Reporting in the Wake of the Banner Implementation

- ▶ Financial reports
 - Detail transactions
 - Available balances
 - Accounting
 - ▶ Income statements (period)
 - ▶ Balance Sheets (snapshot)
- ▶ HR
 - Appointments (snapshot)
 - Payroll (period)
- ▶ Student Systems

EDW

- ▶ What a great idea!
 - Finally an INTEGRATED data management and reporting system
 - True relational database
- ▶ But...
 - Lack of coordination of business rules with technical implementation
 - e-Fashion
- ▶ So...
 - Attempt to define business rules and reporting needs within available data

Financial Reporting – Fund Types

- ▶ State funds (ledger 1)
- ▶ Institutional Funds/ICR (ledger 2)
- ▶ Self-supporting/Revolving (ledger 3)
- ▶ Grants (ledger 4 & 5)
- ▶ MSP & Gifts/Endowments (ledger 6)

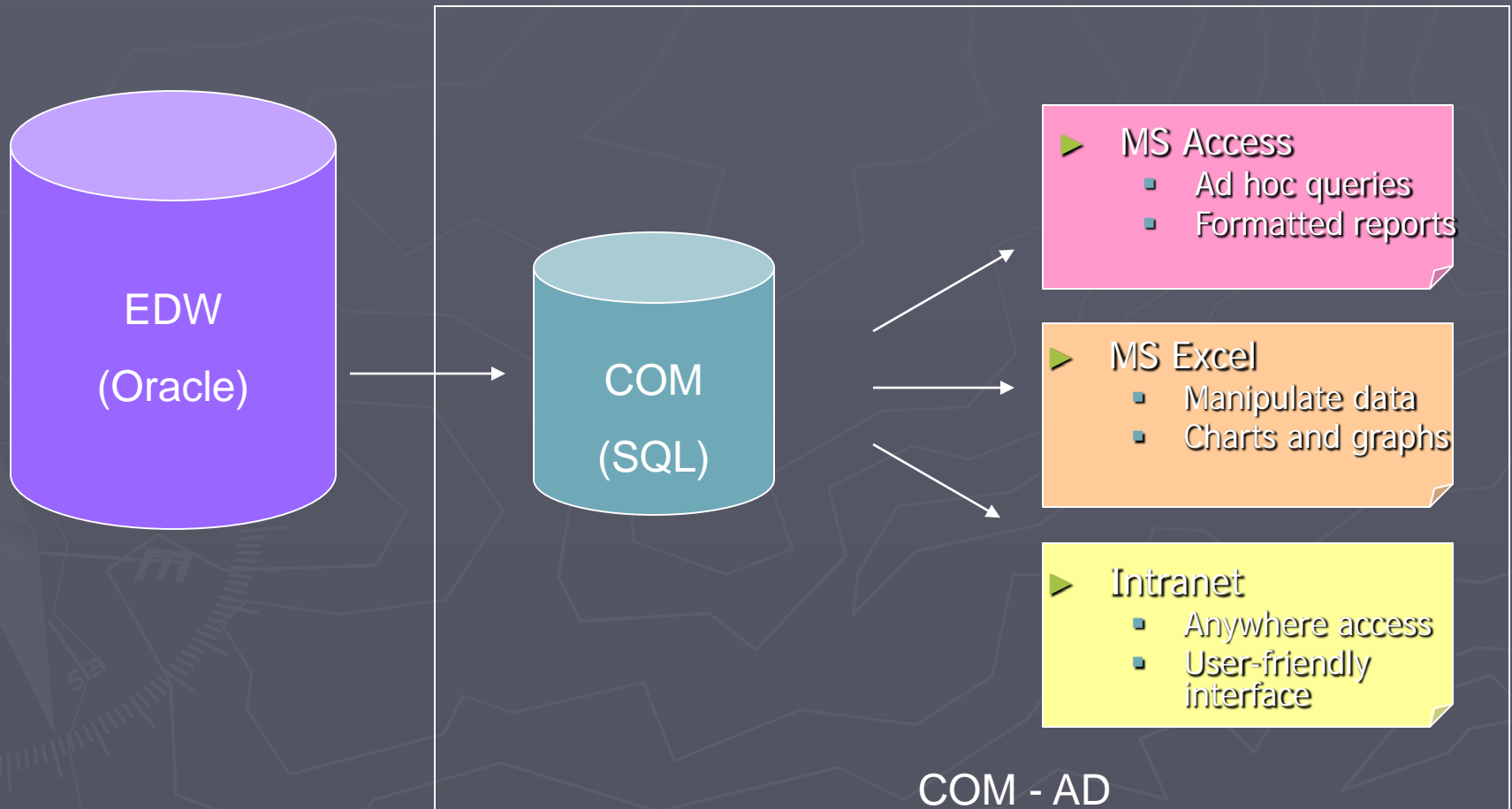
The Other Parts of the "FOAP"

- ▶ Org – who is spending/making the money
 - ORG_CD_HIST
 - If transaction recorded under your org, it's yours
- ▶ Account – what type of transaction is it?
 - ACCT_CD_HIST
- ▶ Program
 - Uniquely identify state and inst./icr funds
 - Used to embed NACUBO function on grants
- ▶ Inconsistencies create roughness

Fund Management

- ▶ Fund Accounting (Budget Balance Available)
 - State appropriation (use it or lose it)
 - ICR Funds (budget entries)
 - Ledger 1 and 2
- ▶ Cost Recovery (ITD Balances)
 - Grant funds
 - Ledger 4 and 5
- ▶ Profit and Loss (Fund Balances)
 - MSP (maximize revenue, minimize expenses)
 - Gifts/Endowments
 - Revolving funds ("breakeven")
 - Ledger 3 and 6

BYODb



FGIBDSR (ledger 1, 2)

Oracle Developer Forms Runtime - Web: Open > FGIBDSR

File Edit Options Block Item Record Query Tools Help

Oracle

Executive Summary FGIBDSR 7.1 (BANPROD) (2UIC)

Chart: 2
Fiscal Year: 07
Index:

Query Specific Account
 Include Revenue Accounts

Commit Type: Both

Organization: 219 Pathology
Fund: 100007 103 FY07 GRF/IF General Fund
Program:
Account:
Account Type:
Activity:
Location:

Account Type	Title	Adjusted Budget	YTD Activity	Commitments	Available Balance
120010	E Balance Forward Mater	1,148.00	0.00	0.00	1,148.00
211000	L Academic Salaries	1,223,200.00	0.00	0.00	1,223,200.00
211100	L Regular Faculty Salary	20,000.00	524,350.46	343,857.63	-848,208.09
211300	L Administrative/Profess	0.00	150,997.20	123,754.73	-274,751.93
211400	L Other Academic Salary	0.00	105,303.82	52,460.82	-157,764.64
211950	L Term Sick Leave Acad	0.00	16,150.72	0.00	-16,150.72
211960	L Term Vacation Pay Acc	0.00	10,570.41	0.00	-10,570.41
213000	L Staff Salary	97,381.00	0.00	0.00	97,381.00
213100	L Staff Administrative Sa	0.00	42,123.01	22,693.50	-64,816.51
213200	L Staff Technical Salary	0.00	23,746.64	12,549.60	-36,296.24
215100	L Student Hourly Wages	0.00	130.65	0.00	-130.65
218950	L FWS Wages Allocated	0.00	1,222.17	0.00	-1,222.17
Net Total:		1,341,729.00	874,595.08	555,316.28	-88,182.36

Account Code; Press Duplicate Item to view Transaction Detail activity.

Record: 1/12 <OSC>

start | Inbox - Microsoft Out... | Microsoft PowerPoint ... | Internet Native Bann... | Oracle Developer For... | 12:59 PM

FZIGITD (ledger 4, 5)

Oracle Developer Forms Runtime - Web: Open > FZIGITD

File Edit Options Block Item Record Query Tools Help

Grant Inception To Date Form FZIGITD 7.2 [MC:40.4] (BANPROD) (2UIC)

Chart of Accounts: 2 Fund: E6515 Snp 2 R01 Ns023868-19 Grant Year:

Index: Fund: 494248 Organization: 387000 Fund Summary

Program: 191100 Activity: Location: Hierarchy

Account Type: Account: Account Summary: All Levels By Sponsor Account

Date From (MM/YY): 02 / 06 Date To (MM/YY): 03 / 07 Include Revenue Accounts

Account Type	Adjusted Budget	Activity	Commitments	Available Balance
211000 L Academic Salaries	92,174.00	0.00	0.00	92,174.00
211300 L Administrative/Professional Salary	0.00	11,077.17	4,866.76	-15,943.93
211400 L Other Academic Salary	0.00	95,682.38	39,404.73	-135,087.11
212210 L Research Asst Recvng Tuition Waiver	21,600.00	0.00	0.00	21,600.00
215100 L Student Hourly Wages	0.00	4,308.88	0.00	-4,308.88
218950 L FWS Wages Allocated	0.00	612.90	0.00	-612.90
219000 L Benefit Costs	37,965.00	0.00	0.00	37,965.00
219110 L Social Security without Medicare	0.00	104.56	0.00	-104.56
219120 L SURS Retirement Benefit	0.00	7,298.59	3,240.52	-10,539.11
219130 L SURS SMP Retirement Benefit	0.00	2,497.55	1,088.48	-3,586.03
219210 L Medicare Matching	0.00	1,448.78	641.94	-2,090.72
219220 L Employer Paid Health/Life Insurance	0.00	21,092.50	9,350.14	-30,442.64
219240 L Workers Compensation	0.00	25.78	0.00	-25.78
219260 L Termination Sick Leave Other	0.00	900.75	0.00	-900.75
Net Total:	344,354.00	300,657.75	92,202.64	-48,506.39

FRM-40352: Last record of query retrieved.
Record: 29/32 <OSC>

FGITBSR (ledger 3, 6)

Oracle Developer Forms Runtime - Web: Open > FGITBSR

File Edit Options Block Item Record Query Tools Help

Trial Balance Summary FGITBSR 7.1.0.1 (BANPROD) (2UIC)

COA: 2 University of Illinois - Chicago
 Fund: 623009 722 MSP Psych Phys Fees
 Account:
 Fiscal Year: 07
 OR Fund Type:
 OR Acct Type:

Acct Type	Account	Description	Beginning Balance	D/C *	Current Balance	D/C *
51	51000	Claim on Cash	2,843,719.25	D	2,909,305.73	D
57	53003	Accounts Receivable Collected	0.00	C	0.00	C
57	53020	Advance Collected from Medicare	0.00	C	0.00	C
57	53026	Medipac Receivables	0.00	D	0.00	D
57	53029	Reserve for Inactive Accounts Rec	0.00	C	0.00	C
57	53090	Allowance for Doubtful Accounts	865,904.10	C	673,888.75	C
57	53091	Allowance for Contract Allowances	844,295.97	C	657,072.25	C
57	53300	MSP Receivables	1,648,830.55	D	1,185,024.55	D
57	53302	COM MSP Unidentified Suspense	0.00	D	0.00	D
57	53303	Collection Agency	18,376.33	D	22,329.83	C *
57	53330	Old MSP A/R Lockboxes	0.00	D	0.00	D
57	53349	In House Lockboxes	0.00	D	1,378,360.99	C *
57	53363	PMR Other Receivables	0.00	D	0.00	D
Total:			0.00		0.00	
			Current Fund Balance:		4,272,327.56	C

* - denotes amount is opposite of Normal Balance

Record: 13/39 | <OSC>

ALL Financial and HR data available in relatively few derived tables

The screenshot shows the Microsoft Access 2003 interface for a database named 'COM_EDW'. The 'Tables' object type is selected in the left-hand pane, displaying a list of 11 tables. The table list includes creation and modification timestamps and identifies each as a 'Table: Linked ODBC'.

Name	Description	Modified	Created	Type
Create table in Design view				
Create table by using wizard				
Create table by entering data				
dbo_COM_AccountCds		3/8/2007 5:05:50 PM	3/8/2007 5:05:49 PM	Table: Linked ODBC
dbo_COM_FundGLSummary		3/8/2007 8:56:30 PM	3/8/2007 5:05:50 PM	Table: Linked ODBC
dbo_COM_Grant		3/8/2007 5:05:50 PM	3/8/2007 5:05:50 PM	Table: Linked ODBC
dbo_COM_JobDetail		3/8/2007 5:05:50 PM	3/8/2007 5:05:50 PM	Table: Linked ODBC
dbo_COM_OLDetail		3/8/2007 5:05:50 PM	3/8/2007 5:05:50 PM	Table: Linked ODBC
dbo_COM_Orgs		3/8/2007 5:05:50 PM	3/8/2007 5:05:50 PM	Table: Linked ODBC
dbo_COM_Payroll		3/8/2007 5:05:50 PM	3/8/2007 5:05:50 PM	Table: Linked ODBC
dbo_COM_Person		3/8/2007 5:05:50 PM	3/8/2007 5:05:50 PM	Table: Linked ODBC
dbo_EDW_T_ORG_CD_HIST		3/8/2007 5:05:50 PM	3/8/2007 5:05:50 PM	Table: Linked ODBC
dbo_T_DS_ETL_RUN_TIME		3/8/2007 5:05:50 PM	3/8/2007 5:05:50 PM	Table: Linked ODBC

Underlying Queries

Microsoft Access - [A - State : Select Query]

File Edit View Insert Query Tools Window Help Adobe PDF

Type a question for help

dbo_COM_Orgs

- COA_CD
- DEPT_LEVEL_5_CD
- DEPT_LEVEL_5_TITLE
- ADMIN_LEVEL_2_CD
- ADMIN_LEVEL_2_TITLE
- COLL_LEVEL_3_CD
- COLL_LEVEL_3_TITLE

dbo_COM_OLDetail

- OL_DETL_TEMP_BUDG_ADJ_AMT
- OL_DETL_REV_AMT
- OL_DETL_ENC_AMT
- OL_DETL_RESERV_AMT
- OL_DETL_ACCTED_BUDG_AMT
- OL_DETL_TRAN_DT
- OL_DETL_DESC
- OL_DETL_USER_DOC_REF_1_NBR
- OL_DETL_USER_DOC_REF_2_NBR
- OL_DETL_BUDG_PERD
- OL_DETL_EDW_ID
- OL_DETL_RULE_CLS_CD
- OL_DETL_RULE_CLS_DESC
- POST_DOC_NBR
- ORG_CD_CUR_INFO_IND
- ADMIN_LEVEL_2_CD
- CAMPUS_LEVEL_1_CD
- CAMPUS_LEVEL_1_TITLE
- ADMIN_LEVEL_2_TITLE
- COLL_LEVEL_3_CD
- COLL_LEVEL_3_TITLE

dbo_COM_AccountCds

- COA_CD
- FIN_ACCT_CD
- FIN_ACCT_CD_HIST_EFF_DT
- FIN_ACCT_CD_EXP_DT
- FIN_ACCT_CD_CUR_INFO_IND
- FIN_ACCT_CD_EFF_DT
- FIN_ACCT_CD_TERMN_DT
- FIN_ACCT_TITLE
- FIN_ACCT_PRED_CD
- FIN_ACCT_CD_STATUS_IND
- FIN_ACCT_CD_DATA_ENTRY_IND
- FIN_ACCT_TYPE_CD
- FIN_ACCT_LEVEL_NBR
- FIN_ACCT_LEVEL_TITLE
- FIN_ACCT_LEVEL_1_CD
- FIN_ACCT_LEVEL_1_TITLE
- FIN_ACCT_LEVEL_2_CD
- FIN_ACCT_LEVEL_2_TITLE
- FIN_ACCT_LEVEL_3_CD
- FIN_ACCT_LEVEL_3_TITLE
- INCM_TYPE_CD

Field:	COLL_LEVEL_3_TIT	DEPT_LEVEL_5_TIT	DEPT_LEVEL_5_CD	FY_CD	FIN_FUND_CD	ORG_CD	FIN_PGM_CD	FIN_ACCT_CD	FIN_ACCT_TITLE	Current Budget: Su	ITD Expense: Sum(
Table:	dbo_COM_Orgs	dbo_COM_Orgs	dbo_COM_OLDetail	dbo_COM_OLDetail	dbo_COM_OLDetail	dbo_COM_OLDetail	dbo_COM_OLDetail	dbo_COM_AccountCds	dbo_COM_AccountCds		
Total:	Group By	Group By	Group By	Group By	Group By	Group By	Group By	Group By	Group By	Expression	Expression
Sort:											
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:				"2007"	"100007"			Not Like "3"			
or:											

Ready

start | Inboxes - Microsoft Out... | COM_EDW : Databas... | A - State : Select Query | 1:46 PM

Financial Reports Demo

- ▶ Excel Spreadsheets
 - Export from Access
 - Subtotals
- ▶ Ad hoc Access Queries

HR Reports Demo

- ▶ Formatted Positions Listing
- ▶ Ad hoc queries

College of Medicine Student Services Warehouse Use

- ▶ Medical Students
 - UIN
 - Admissions verification
 - Program Code
 - Mailing Address Changes
 - Phone number Changes
 - Registration Status
- ▶ GPPA Students
 - Application Data Capture
- ▶ GEMS Students
 - Application Data Capture
 - Demographics

