PantherSoft Financials Queries
Agenda

✓ Information about Running an Existing Query
  • Websites Resources UPK
  • Call Center

✓ What Data are you looking for?

✓ Relational Databases
  • Defined
  • Example

✓ Finding the Data
  • Finding the Existing Data/Data Table

✓ Navigation
  • Demo

✓ Tables to Know
Resources for Query Help

Training Manuals and Guides are on-line at

http://panthersoft.fiu.edu/Financials/UPK/controllers.htm

Call 7-7200 Financial Systems and Support Services Help Desk
What are you looking for?

Table 1

Table 2

Table 3
Relational Database

A RELATIONAL DATABASE matches data by using common characteristics found within the data set. The resulting groups of data are organized, and are much easier for many people to understand. 
## Relational Database

<table>
<thead>
<tr>
<th>Table A</th>
<th>Table B</th>
<th>Table C</th>
<th>Table D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field 1</td>
<td>Field 1</td>
<td>Field 1</td>
<td>Field 1</td>
</tr>
<tr>
<td>Field 2</td>
<td>Field 2</td>
<td>Field 2</td>
<td>Field 2</td>
</tr>
<tr>
<td>Field 3</td>
<td>Field 3</td>
<td>Field 3</td>
<td>Field 3</td>
</tr>
<tr>
<td></td>
<td>Field 4</td>
<td></td>
<td>Field 4</td>
</tr>
<tr>
<td></td>
<td>Field 5</td>
<td></td>
<td>Field 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Field 6</td>
<td>Field 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Field 7</td>
</tr>
</tbody>
</table>

**Table Key**

**Same Data**

**Data you are looking for**

---

Office of the Controller

Florida International University
What information do you want?

An **INNER JOIN** is the most common join operation used in applications and can be regarded as the default join-type. Inner join creates a new result table by combining column values of two or more tables based upon the join-predicate, otherwise known as the parameters that identify the information you are looking for. The query compares each row of Table 1 with each row of Table 2 to find all pairs of rows which satisfy the join-predicate.
### Department ID Table

<table>
<thead>
<tr>
<th>Department ID</th>
<th>Department Name</th>
<th>Manager ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1003000000</td>
<td>General Counsel Admin</td>
<td>1590030</td>
</tr>
<tr>
<td>110400101</td>
<td>Controller's Office</td>
<td>1509002</td>
</tr>
<tr>
<td>123530000</td>
<td>Summer Orientation</td>
<td>1508990</td>
</tr>
<tr>
<td>202034000</td>
<td>Economics Department</td>
<td>1508986</td>
</tr>
</tbody>
</table>

### Employee ID Table

<table>
<thead>
<tr>
<th>Employee ID</th>
<th>Employee Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1590030</td>
<td>Jones, Jane</td>
</tr>
<tr>
<td>1509002</td>
<td>Smith, John</td>
</tr>
<tr>
<td>1508990</td>
<td>Garcia, Jose</td>
</tr>
<tr>
<td>1508986</td>
<td>Thomas, Samuel</td>
</tr>
</tbody>
</table>

### SpeedType Key Table

<table>
<thead>
<tr>
<th>SpeedType Key</th>
<th>Class</th>
<th>Fund</th>
<th>Program Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1003000000</td>
<td>1</td>
<td>210</td>
<td>46</td>
</tr>
<tr>
<td>1104000000</td>
<td>1</td>
<td>210</td>
<td>61</td>
</tr>
<tr>
<td>123530000</td>
<td>1</td>
<td>211</td>
<td>11</td>
</tr>
<tr>
<td>202034000</td>
<td>1</td>
<td>811</td>
<td>00</td>
</tr>
</tbody>
</table>
How do you want to view the information

- Visualize the order of the table. Organize the information the way it makes more sense to connect and easily read.
- Rename field names so they are clear to all who need to read the report by editing the Heading from PS to Text.
- If the field contains a code such as “Y” or “N” it may not be necessary to change the Translate Value field to a word, however if it is a “C” or “P” (cancel, close, complete, pending, processed or paid), you may wish to identify the code.
- Most if not all fields can be aggregated by Sum, Count, Minimum, Maximum or Average

Draw the Picture... 
Then pull the information to fit your vision
<table>
<thead>
<tr>
<th>Department ID</th>
<th>Class</th>
<th>Fund</th>
<th>Program Code</th>
<th>Department Name</th>
<th>Manager ID</th>
<th>Employee Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1003000000</td>
<td>1</td>
<td>210</td>
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<td>61</td>
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<td>1509002</td>
<td>Smith, John</td>
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<tr>
<td>1235300000</td>
<td>1</td>
<td>211</td>
<td>11</td>
<td>Summer Orientation</td>
<td>1508990</td>
<td>Garcia, Jose</td>
</tr>
<tr>
<td>2020340000</td>
<td>1</td>
<td>811</td>
<td>00</td>
<td>Economics Department</td>
<td>1508986</td>
<td>Thomas, Samuel</td>
</tr>
</tbody>
</table>
Looking for the Data

- Find where the data is stored in PantherSoft
- Know what data you would like to associate to the information you are looking for

**Remember:** The less you filter the more information you get back from the system
Travel Authorization

Hello Roary

Travel and Expense Center

Expense Report
Create, modify, print, view or delete an Expense Report.
- Create
- Modify
- Print
- 2 More...

Cash Advance
Create, modify, print, view and delete a Cash Advance.
- Create
- Modify
- Print
- 2 More...

Profiles and Preferences
Manage your personal, organizational and financial details for travel and expense reporting.
- Review/Edit Profile
- Delegate Entry Authority

Travel Services
View My Reservations, Change your passwords, and log on to Travel Partner sites.
- My Reservations
- Travel Partner Password
- Travel Partner Login

Time Report
Create, modify, print, view and delete a Time Report.
- Create
- Modify
- Print
- 2 More...

Forecast Time
Create, modify or view forecast data.
- Forecast Time
- Review Forecasted Time

Review Payments
Review history of expense payments.
- Review Expense History
- Review Payments
- Review Payroll Payments

Travel Authorization
Create, modify, print, view, cancel or delete a Travel Authorization.
- Create
- Modify
- Print
- 3 More...

Print Reports
Print any one of your expense transactions.
- Expense Report
- Bar Code Receipt Form
- Time Report
- 2 More...

Other Expense Functions
View contents in My Wallet, create your own templates or existing templates.
- Create/Update User Template
- My Wallet

FLORIDA INTERNATIONAL UNIVERSITY
Office of the Controller
Find the Existing Data/Data Table

Hit Shift-Control-’J’ on this page
Find the Existing Data/Data Table

Ignore
Navigation
Navigation
Navigation - Record Tab

Find an Existing Record

Record Name: begins with
Description: begins with
Uses Field Name: begins with
Access Group Name: begins with

DEPT_ID

Search  Clear  Save  Save As  New Query  Preferences  Properties  Publish as Feed  New Union  Return To Search
Identify the Data you wish to display and how you wish to display it

- View all the Fields first before you display them in any report
- Select the data you would like to associate to the information you are looking for
- Re-arrange the columns so that on the report they are easily read and associated to each other
- If necessary sort the data for chronology
Navigation - Query Tab

Query Name: FSS_EXP_MGER_LOOKUP
Description: Ex Mager lookup by Dept/Proj

Click folder next to record to show fields. Check fields to add to query. Uncheck fields to remove from query. Add additional records by clicking the records tab. When finished click the fields tab.

Chosen Records

Fields

- BUSINESS_UNIT_GL - GL Business Unit
- APPROVER_PROFILE - Approver Profile
- APPROVER_OPRID - Approver OPRID
- CHARTFIELD_FROM - Chartfield From
- CHARTFIELD_TO - Chartfield To

- EMPLID - Employee ID
- COUNTRY_NM_FORMAT - Format for Country
- NAME - Name
- NAME_INITIALS - Name Initials

SAME DATA
Navigation - Prompt Tab

Query Name: FSS_EXP_MGER_LOOKUP
Description: Ex Mager lookup by Dept/Proj

Prompt List

Prompt: 
:1 = CHARTFIELD_FROM - Dept/Proj ID

Options: Save, Save As, New Query, Preferences, Properties, New Union

Navigation - Prompt Tab

Records Query Expressions Prompts Fields Criteria Having View SQL Run

Save Save As New Query Preferences Properties New Union

Return to Search
# Navigation - Fields Tab

**Query Name:** FSS_EXP_MGER_LOOKUP  
**Description:** Manager lookup by Dept/Proj

<table>
<thead>
<tr>
<th>Col</th>
<th>Record_Fieldname</th>
<th>Format</th>
<th>Ord</th>
<th>XLAT</th>
<th>Agg</th>
<th>Heading Text</th>
<th>Add Criteria</th>
<th>Edit</th>
<th>Delete</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A.BUSINESS_UNIT_GL - GL Business Unit</td>
<td>Char5</td>
<td></td>
<td></td>
<td></td>
<td>GL Unit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>A.APPROVER_PROFILE - Approver Profile</td>
<td>Char15</td>
<td></td>
<td></td>
<td></td>
<td>Profile</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>A.APPROVER_OPRID - Approver Oprid</td>
<td>Char30</td>
<td></td>
<td></td>
<td></td>
<td>Approver Ooprld</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>B.NAME - Name</td>
<td>Char50</td>
<td></td>
<td></td>
<td></td>
<td>Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>A.CHARTFIELD_FROM - Chartfield From</td>
<td>Char30</td>
<td></td>
<td></td>
<td></td>
<td>From</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>A.CHARTFIELD_TO - Chartfield To</td>
<td>Char30</td>
<td></td>
<td></td>
<td></td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Buttons:**  
- **Save**  
- **Save As**  
- **New Query**  
- **Preferences**  
- **Properties**  
- **New Union**  
- **Return to Search**  
- **Reorder / Sort**
Navigation - Field Editor

Edit Field Properties

Field Name: B.BUDGET_HDR_STATUS - Budget Checking Header Status

Heading
- No Heading
- Text
- RFT Short
- RFT Long

Heading Text:
Budget Status

Unique Field Name:
B.BUDGET_HDR_STATUS

Aggregate
- None
- Sum
- Count
- Min
- Max
- Average

OK
Cancel
# Navigation - Field Ordering

Reorder columns by entering column numbers on the left. Columns left blank or assigned a 0 will be automatically assigned a number. Change the order by number by entering numbers on the right. To remove an order by number, leave the field blank or enter a 0.

<table>
<thead>
<tr>
<th>New Column</th>
<th>Column</th>
<th>Record Fieldname</th>
<th>Order By</th>
<th>Descending</th>
<th>New Order By</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>A.BUSINESS_UNIT_GL - GL Business Unit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>A/APPROVER_PROFILE - Approver Profile</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>A/APPROVER_OPRID - Approver Oprd</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>B.NAME - Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>A.CHARTFIELD_FROM - Chartfield From</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>A.CHARTFIELD_TO - Chartfield To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[OK] [Cancel]
### Navigation - Criteria Tab

**Query Name:** FSS_EXP_MGER_LOOKUP  
**Description:** Ex Mager lookup by Dept/Proj

<table>
<thead>
<tr>
<th>Logical</th>
<th>Expression 1</th>
<th>Condition Type</th>
<th>Expression 2</th>
<th>Edit</th>
<th>Delete</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND</td>
<td>A.CHARTFIELD_FROM - Chartfield From</td>
<td>equal to</td>
<td>:1</td>
<td>[Edit]</td>
<td>[Delete]</td>
</tr>
<tr>
<td></td>
<td>B.EMPLID - Employee ID</td>
<td>equal to</td>
<td>A.APPROVER_OPRID - Approver OPRID</td>
<td>[Edit]</td>
<td>[Delete]</td>
</tr>
</tbody>
</table>

**Buttons:**  
- Save  
- Save As  
- New Query  
- Preferences  
- Properties  
- New Union  

**Other Options:**  
- Customize  
- Find  
- First  
- 1-2 of 2  
- Last  
- Return to Search
Navigation - Criteria Properties

[Image of the Edit Criteria Properties dialog box]

- Choose Expression 1 Type: Field or Expression
- *Condition Type:*
  - Field
  - Expression
  - Constant
  - Prompt
  - Subquery

Expression 1:
- Choose Record and Field: A.CHARTFIELD_FROM - Chartfield
- Equal to

Expression 2:
- Define Prompt
  - Prompt: :1
  - New Prompt
  - Edit Prompt
Navigation - SQL Logic Tab

Query Name: FSS_EXP_MGER_LOOKUP

Query SQL:
SELECT A.BUSINESS_UNIT_GL, A.APPROVER_PROFILE, A.APPROVER_OPRID, B.NAME, A.CHARTFIELD_FROM, A.CHARTFIELD_TO FROM PS_EX_APPRVR A, PS_PERSONAL_DATA B WHERE A.CHARTFIELD_FROM = ':1' AND B.EMPLID = A.APPROVER_OPRID

Description: Ex Mager lookup by Dept/Proj
Navigation - Run

FSS_EXP_MGER_LOOKUP

Dept/Proj ID: 110400101

OK  Cancel
#### Navigation - Results

**Dept/Proj ID = 110400101**

<table>
<thead>
<tr>
<th>GL Unit</th>
<th>Profile</th>
<th>Approver Oprid</th>
<th>Name</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIU01</td>
<td>EXPENSE MANAGER</td>
<td>2026563</td>
<td>Agustus-Appleby, Veronica H</td>
<td>110400101</td>
<td>110400101</td>
</tr>
<tr>
<td>FIU01</td>
<td>EXPENSE MANAGER</td>
<td>1618197</td>
<td>Lazrak, Hamza</td>
<td>110400101</td>
<td>110400101</td>
</tr>
</tbody>
</table>
Navigation - Saving Query

- Records
- Query
- Expressions
- Prompts
- Fields
- Criteria
- Having
- View SQL
- Run

Query Name: FSS_EXP_MGER_LOOKUP
Description: Ex Manager lookup by Dept/Proj

Prompt: $1 = CHARTFIELD_FROM - Dept/Proj ID

Save As
New Query
Preferences
Properties
New Union

Return to Search
Navigation - Saving Query

Save the Query as private until you are ready to make it public. When you are ready to publish this query for public use, contact the Financial Systems and Support Services Business Analysts at 77200.
Advanced Features - Expressions Tab

- Query Name: FIU_GL_FWS_MATCH_CALC100
- Description: Calculation-FWS Calculation
- Working on selection: Top Level of Query

Expressions List:
- A.MONETARY_AMOUNT*1.00
- '771508'
- '903000008'
- '657'
- '1'
- '97'

Buttons:
- Save
- Save As
- New Query
- Preferences
- Properties
- New Union

- Edit
- Delete

Subquery/Union Navigation

FIU
FLORIDA INTERNATIONAL UNIVERSITY
Office of the Controller
Advanced Features - Looking for a Value in a List

- No limit on the number of values you can enter
- No limit on the number of lists you can have in the query
- Limit on the number of values you can see at a time
- Limit on the run time of the query
- If you use the incorrect values, the query will bomb
Advanced Features -
Looking for a Value in a List

Query Name: JB_INTERDEPARTMENTAL_REV

Criteria:

Logical  | Expression1                                      | Condition   | Expression 2                                      |
---       | ---                                              | ---          | ---                                                 |
A. BUSINESS_UNIT - Business Unit | equal to | B. BUSINESS_UNIT - Business Unit |
AND | A. JOURNAL_ID - Journal ID | equal to | B. JOURNAL_DATE - Journal Date |
AND | A. JOURNAL_DATE - Journal Date | equal to | B. UNFPOST_SEQ - UnPost Sequence |
AND | A. DEPTID - Department | in list | |

AND | A.ACCOUNT - Account | in list | |

Examples:
- (61900, 619002, 619009, 57120, 2, 671203, 671204, 671205, 671206, 671207, 672202, 6, 205, 675101, 675103, 679199, 679110)
Advanced Features - Looking for a Value in a List
Advanced Features - Looking for a Value in a List
Advanced Features -
Looking for a Value in a List

Choose Expression 1 Type
- Field
- Expression

Condition Type:
- In List
- Subquery

Expression 1
Choose Record and Field
- Record Alias.Fieldname:
  - A.ACCOUNT - Account

Expression 2
Edit List
- List Members:
  - 619901, 619002, 619099, 671202, 671203, 671204, 671205, 671207, 672, 67202, 672204, 672205, 67510, 1, 675103, 675113, 679107, 679112, 679115, 679117, 679199, 679110

OK  Cancel
Advanced Features - Expressions Properties

Edit Expression Properties

*Expression Type: Character

Aggregate Function

Expression Text: '903000008'

Length: 10

Decimals: 

Add Prompt  Add Field

OK  Cancel
### Advanced Features - Unions

**Query Name:** FIU_GL_FWS_MATCH_CALC100  
**Description:** Calculation-FWS Calculation

**Working on selection:** Top Level of Query

- **A** HR_ACCTG_LINE - Payroll Accounting Line
- **B** CF_ATTRIB_TBL - CFs and Attribute values
- **C** SPEEDTYP_TBL - SpeedTypes

**Subquery/Union Navigation**

**Chosen Records**

- Expand All Records
- Collapse All Records

- Save
- Save As
- New Query
- Preferences
- Properties
- New Union

**Return to Search**
Advanced Features - Unions

Select subquery or union to navigate to

- Top Level of Query
- Union 1
### Advanced Features - Unions

#### Query Name: FIU_GL_FWS_MATCH_CALC100

- **Description:** Calculation-FWS Calculation

**Working on selection:** Union 1

- Click folder next to record to show fields. Check fields to add to query. Uncheck fields to remove from query. Add additional records by clicking the records tab. When finished click the fields tab.

#### Chosen Records

<table>
<thead>
<tr>
<th>Alias</th>
<th>Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>HR_ACCTG_LINE - Payroll Accounting Line</td>
</tr>
<tr>
<td>E</td>
<td>CF_ATTRIB_TBL - CFs and Attribute values</td>
</tr>
<tr>
<td>F</td>
<td>SPEEDTYP_TBL - SpeedTypes</td>
</tr>
</tbody>
</table>

- **Hierarchy Join**

**Buttons:**
- Expand All Records
- Collapse All Records
- Save
- Save As
- New Query
- Preferences
- Properties
- New Union
- Delete Union
- Return to Search
Advanced Features - Unions

Query Name: FIU_GL_FWS_MATCH_CALC100
Description: Calculation-FWS Calculation

Working on selection: Union 1

Query SQL:

AND B.EFFDT = (SELECT MAX(B_ED.EFFDT) FROM PS_CF_ATTRIB_TBL B_ED
WHERE B_ED.SETID = B_ED.SETID
AND B_ED.CHARTFIEL_VALUE = B_ED.CHARTFIEL_VALUE
AND B_ED.EFFDT <= SYSDATE)
AND B.CHARTFIEL_VALUE = A.DEPTID
AND B_CF.ATTRIBUTE = 'MATCH_FWS'
AND B.SETID = C.SETID
AND A.JOURNAL_DATE BETWEEN TO_DATE('1', 'YYYY-MM-DD') AND TO_DATE('2', 'YYYY-MM-DD')
AND C.SPEEDTYP_KEY = B_CF.ATTRIBUTE_VALUE
UNION

WHERE E_ED.SETID = E_ED.SETID
AND E_ED.CHARTFIEL_VALUE = E_ED.CHARTFIEL_VALUE
AND E_ED.EFFDT <= SYSDATE)
AND E.CHARTFIEL_VALUE = D.DEPTID
AND E.SETID = E.SETID
AND F.SPEEDTYP_KEY = E_CF.ATTRIBUTE_VALUE
AND D.JOURNAL_DATE BETWEEN TO_DATE('1', 'YYYY-MM-DD') AND TO_DATE('2', 'YYYY-MM-DD')
AND D.ACCOUNT = '771508'
ORDER BY 12, 11
## DEPT_TBL

<table>
<thead>
<tr>
<th>Department ID</th>
<th>Department Name</th>
<th>Manager ID</th>
</tr>
</thead>
<tbody>
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<tr>
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<td>Summer Orientation</td>
<td>1508990</td>
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<tr>
<td>202034000</td>
<td>Economics Department</td>
<td>1508986</td>
</tr>
</tbody>
</table>

## SPEEDTYP_TBL

<table>
<thead>
<tr>
<th>SpeedType Key</th>
<th>Class</th>
<th>Fund</th>
<th>Program Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1003000000</td>
<td>1</td>
<td>210</td>
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<tr>
<td>202034000</td>
<td>1</td>
<td>811</td>
<td>00</td>
</tr>
</tbody>
</table>

## PERSONAL_DATA

<table>
<thead>
<tr>
<th>Employee ID</th>
<th>Employee Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1590030</td>
<td>Jones, Jane</td>
</tr>
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<td>1509002</td>
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<tr>
<td>1508986</td>
<td>Thomas, Samuel</td>
</tr>
</tbody>
</table>

Link these three tables to obtain a report.
<table>
<thead>
<tr>
<th>Department ID</th>
<th>Class</th>
<th>Fund</th>
<th>Program Code</th>
<th>Department Name</th>
<th>Manager ID</th>
<th>Employee Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1003000000</td>
<td>1</td>
<td>210</td>
<td>46</td>
<td>General Counsel Admin</td>
<td>1590030</td>
<td>Jones, Jane</td>
</tr>
<tr>
<td>1104000000</td>
<td>1</td>
<td>210</td>
<td>61</td>
<td>Controller's Office</td>
<td>1509002</td>
<td>Smith, John</td>
</tr>
<tr>
<td>1235300000</td>
<td>1</td>
<td>211</td>
<td>11</td>
<td>Summer Orientation</td>
<td>1508990</td>
<td>Garcia, Jose</td>
</tr>
<tr>
<td>2020340000</td>
<td>1</td>
<td>811</td>
<td>00</td>
<td>Economics Department</td>
<td>1508986</td>
<td>Thomas, Samuel</td>
</tr>
</tbody>
</table>
Look for all Tables containing:

<table>
<thead>
<tr>
<th>Table Contains</th>
<th>TRAVEL</th>
<th>ACCOUNTS PAYABLE</th>
<th>CREDIT CARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Equals</td>
<td>TA 46405</td>
<td>V 13000</td>
<td>USER 1147750</td>
</tr>
</tbody>
</table>
# Desktop Reference: Commonly Used Tables in Peoplesoft Financials

## Requirements

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REQ_HDR</td>
<td>Header Record for Requisition</td>
</tr>
<tr>
<td>REQ_LINE</td>
<td>Line Record for Requisition</td>
</tr>
<tr>
<td>REQ_LINE_DISTRIB</td>
<td>Accounting Distribution for Requisition</td>
</tr>
<tr>
<td>REQ_LINE_SHIP</td>
<td>Shipment Details for Requisition</td>
</tr>
<tr>
<td>REQ_APPRVAL</td>
<td>Approval Information for Requisition</td>
</tr>
<tr>
<td>REQUTOR</td>
<td>Requester Information</td>
</tr>
</tbody>
</table>

## Purchase Orders

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO_HDR</td>
<td>Header Record for Purchase Order</td>
</tr>
<tr>
<td>PO_LINE</td>
<td>Line Record for Purchase Order</td>
</tr>
<tr>
<td>PO_LINE_DISTRIB</td>
<td>Accounting Distribution for Purchase Order</td>
</tr>
<tr>
<td>PO_LINE_MAPPED</td>
<td>Matching Information for Purchase Order</td>
</tr>
<tr>
<td>PO_Approval</td>
<td>Approval Information for Purchase Order</td>
</tr>
<tr>
<td>PO_LINE_SHIP</td>
<td>Shipment Details for Purchase Order</td>
</tr>
</tbody>
</table>

## Vouchers

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOUCHER</td>
<td>Header Record for Voucher</td>
</tr>
<tr>
<td>VOUCHER_LINE</td>
<td>Line Record for Voucher</td>
</tr>
<tr>
<td>VOUCHER_DISTRIB</td>
<td>Accounting Distribution for Voucher</td>
</tr>
<tr>
<td>VOUCHER_APPRVAL</td>
<td>Approval Information for Voucher</td>
</tr>
<tr>
<td>HDRG</td>
<td>Control Group Data</td>
</tr>
</tbody>
</table>

## Receipts

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC_HDR</td>
<td>Receipt Header Table</td>
</tr>
<tr>
<td>REC_LINE_DISTRIB</td>
<td>Receipt Distribution Line</td>
</tr>
<tr>
<td>REC_LINE_ABBERT</td>
<td>Receipt Line Asset Information</td>
</tr>
<tr>
<td>REC_LINE_SHIP</td>
<td>Receipt Shipment Information</td>
</tr>
</tbody>
</table>

## Travel Authorizations

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TX_AUTH_HDR</td>
<td>Header Record for TAR</td>
</tr>
<tr>
<td>TX_AUTH_LINE</td>
<td>Line Record for TAR</td>
</tr>
<tr>
<td>TX_AUTH_DISTRIB</td>
<td>Accounting Distribution for TAR</td>
</tr>
<tr>
<td>TX_AUTH_APPRVAL</td>
<td>Approval Information for TAR</td>
</tr>
</tbody>
</table>

## Expense Reports

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EX_SHEET_HDR</td>
<td>Header Record for Expense Report</td>
</tr>
<tr>
<td>EX_SHEET_LINE</td>
<td>Line Record for Expense Report</td>
</tr>
<tr>
<td>EX_SHEET_DISTRIB</td>
<td>Accounting Distribution for Expense Report</td>
</tr>
<tr>
<td>EX_SHEET_APPRVAL</td>
<td>Approval Information for Expense Report</td>
</tr>
</tbody>
</table>

## Cash Advances

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DLXVADV_HDR</td>
<td>Header Record for Advances</td>
</tr>
<tr>
<td>DLXVADV_LINE</td>
<td>Line Record for Advances</td>
</tr>
<tr>
<td>DLXVADV_DISTRIB</td>
<td>Accounting Distribution for Advances</td>
</tr>
<tr>
<td>DLXVADV_APPRVAL</td>
<td>Approval Information for Advances</td>
</tr>
</tbody>
</table>

## Payments

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAYMENT</td>
<td>Detail of each payment generated from the Accounts Payable (E.g., Payment, Vendor, Total to be Paid, Amount Due, Payment Status, Date Generated, Date Paid)</td>
</tr>
<tr>
<td>PRINT_VCHR</td>
<td>Print voucher (header or footer) related to a specific payment.</td>
</tr>
<tr>
<td>DLXVANCEL</td>
<td>Cancel a voucher related to a specific payment.</td>
</tr>
<tr>
<td>DLXVANC_EMP</td>
<td>Expense Report related to a specific payment.</td>
</tr>
<tr>
<td>DLXVANC_DATA</td>
<td>Detailed information related to the paycycle.</td>
</tr>
</tbody>
</table>

## Vendors

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VENDOR</td>
<td>Main Vendor Table in which many important Vendors are listed (i.e., Vendor ID, Vendor Name, Vendor Classification, Vendor Status)</td>
</tr>
<tr>
<td>VENDOR_LOC</td>
<td>Location Information for each Vendor</td>
</tr>
<tr>
<td>VENDORADDR</td>
<td>Address Information for each Vendor</td>
</tr>
<tr>
<td>VENDOWITHDRAW</td>
<td>Withdrawal Information for each Vendor</td>
</tr>
</tbody>
</table>

## Interface to GL Tables

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>JVCHRJSTD</td>
<td>Journal-Std. in which the journal number is specified</td>
</tr>
<tr>
<td>JVCHRJSTD_GL</td>
<td>Journal-Std. in which the journal number is specified for GL transactions</td>
</tr>
<tr>
<td>JVCHRJSTD_CRE</td>
<td>Journal-Std. in which the journal number is specified for CRE transactions</td>
</tr>
</tbody>
</table>

## General Ledger

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RNLEDGER</td>
<td>Header Record for Journal-Std. in which the journal number is specified for General Ledger transactions</td>
</tr>
<tr>
<td>RNLEDGER_CRE</td>
<td>Journal-Std. in which the journal number is specified for CRE transactions in General Ledger</td>
</tr>
<tr>
<td>RNLEDGER_CRE_GL</td>
<td>Journal-Std. in which the journal number is specified for CRE transactions in General Ledger</td>
</tr>
</tbody>
</table>

## Asset Management

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTB_REM</td>
<td>Table containing fixed assets, including the following: Asset ID, Description, Asset Age, Asset Life, Location, Acquisition Date, Service Date, Expiration Date, Depreciation Method, Disposition Method, Insurance Information, Depreciation Schedule, and Asset Value.</td>
</tr>
<tr>
<td>INTB_REL</td>
<td>Table containing relationships between fixed assets and other assets.</td>
</tr>
</tbody>
</table>

## Commitment Control

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VENUTN</td>
<td>Summary of cash transactions by vendor, including the following: Vendor ID, Vendor Name, Transaction Number, Transaction Date, Transaction Amount, Transaction Description, and Transaction Type.</td>
</tr>
</tbody>
</table>

## Chart of Accounts

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEPT_CAT</td>
<td>Department Classification</td>
</tr>
<tr>
<td>DEPT_HG</td>
<td>Department Hierarchy</td>
</tr>
<tr>
<td>DEPT_SEG</td>
<td>Department Segment</td>
</tr>
<tr>
<td>DEPT_SUB</td>
<td>Department Sub-Category</td>
</tr>
<tr>
<td>DEPT_SUB_TL</td>
<td>Department Sub-Category Title</td>
</tr>
<tr>
<td>DEPT_SUB_TL_TL</td>
<td>Department Sub-Category Title Title</td>
</tr>
<tr>
<td>SUB_TL</td>
<td>Sub-Category Title</td>
</tr>
<tr>
<td>SUB_SEG</td>
<td>Sub-Category Segment</td>
</tr>
<tr>
<td>SUB_SUB</td>
<td>Sub-Category Sub-Category</td>
</tr>
<tr>
<td>SUB_SUB_TL</td>
<td>Sub-Category Sub-Category Title</td>
</tr>
</tbody>
</table>

---

**Florida International University**

Office of the Controller
Demo
Recreate these Queries:

- Commodity Card:
  - FIU_PYMNTS_MADE_BY_EPAY

- Accounts Payable
  - FIU_AP_OPEN LIABILITY

- Travel
  - FIU_
Questions ?