

DECISION

ANALYTICS

LAWSON EXCEL ADD-INS

TRANSLATING FORM FIELDS TO TABLE FIELD NAMES

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Translating Form Fields to Table Field Names

- Lawson's table naming conventions are a 3-character prefix for every table, and often you'll only know the prefix.
- To get the prefix, you need to look at the underlying structure of the Lawson form.
- The method for doing this is different for LID vs. Portal

Translating Form Fields to Table Field Names (Portal)

- Ctrl-Shift-O

The screenshot displays the Lawson Transaction Interface Maintenance (GL65.1) web portal. The interface includes a navigation menu on the left, a main form area, and a status bar at the bottom. A red box highlights the 'Seq' field in the table header. The status bar at the bottom shows the field name 'GTR-SEQ-NUMBER' and its properties: Id=_f5r0, Name=DT0, Size=6, KNb=*RGS*, Type=text, Edit=numeric, Parent=DT0.

FC	Seq	Co	Organization Code	Account Code	User Analysis

Attributes Rpt Curr

GTR-SEQ-NUMBER | Id=_f5r0 | Name=DT0 | Size=6 | KNb=*RGS* | Type=text | Edit=numeric | Parent=DT0

Translating Form Fields to Table Field Names (rngdbdump)

- Using *rngdbdump* to find out—for a given form field—which table has the data:

```
#Use this to find out which table (by prefix) for a field
$ rngdbdump -c gen pgmfld -v ProductLine=PROD SystemCode=HR ProgramCode=HR11 | lashow
```

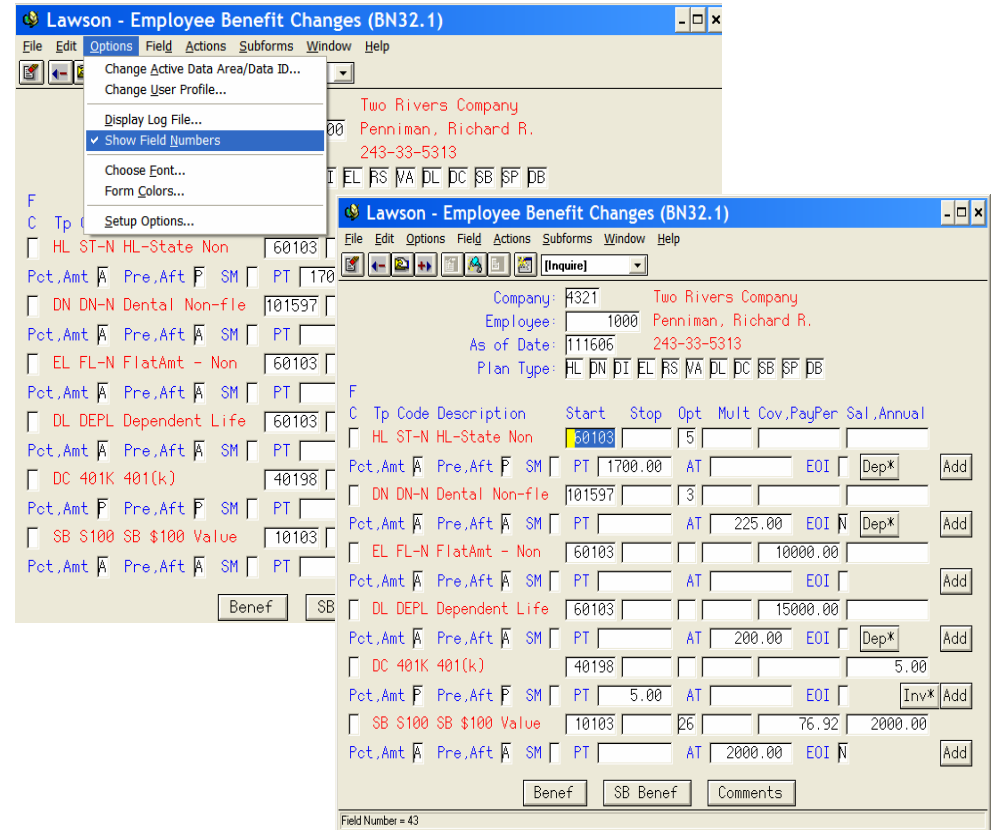
```
ProductLine, SystemCode, ProgramCode, ScrNbr, Prefix, FldName, Updated, Filler
"PROD", "HR", "HR11", 1, "AAX", "DESCRIPTION", ,
.
.
.
"PROD", "HR", "HR11", 1, "PEM", "SECURITY-CODE", 1,
i.e. SECURITY-CODE is in prefix PEM
```

```
$ rngdbdump -c gen filedef -v ProductLine=PROD Prefix=PEM | lashow
```

```
ProductLine, FileName, Prefix, SystemCode, StateFld, CompleteFld, DBSpace, Filler2, nRec
"PROD", "PAEMPLOYEE", "PEM", "HR", , , , 1000, 500, , 1
```

Translating Form Fields to Table Field Names (LID)

- Turn on Field Numbers
- Determine Field Number
- If on detail lines, use *first* row



The screenshot shows the Lawson Employee Benefit Changes (BN32.1) application. The 'Options' menu is open, and 'Show Field Numbers' is selected. The main window displays a list of benefit options and their details for a specific employee.

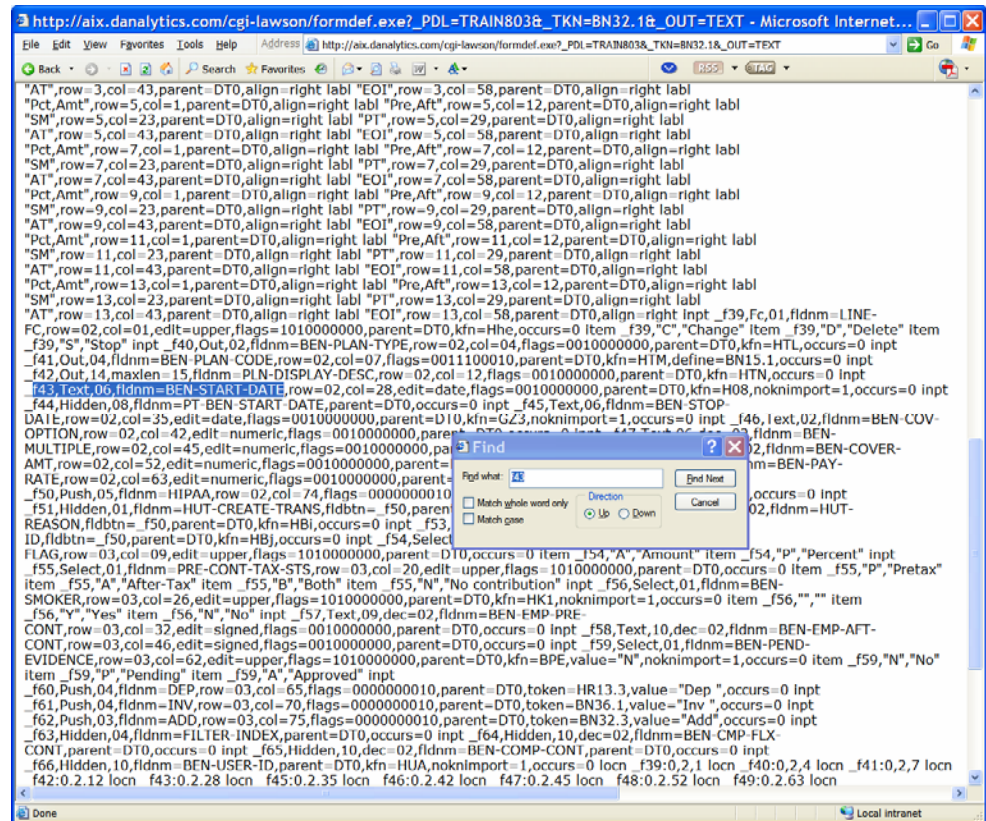
Employee Information:
 Company: Two Rivers Company
 Employee: Penniman, Richard R.
 As of Date: 111606
 Plan Type: HL DN DI EL FS VA PL DC SB SP DB

C	TP	Code	Description	Start	Stop	Opt	Mult	Cov	PayPer	Sal	Annual
		HL ST-N	HL-State Non	60103			5				
Pct,Amt	Pre,Aft	SM		PT	1700.00	AT			EOI		Dep*
		DN DN-N	Dental Non-file	101597			3				
Pct,Amt	Pre,Aft	SM		PT		AT		225.00	EOI	N	Dep*
		EL FL-N	FlatAmt - Non	60103					10000.00		
Pct,Amt	Pre,Aft	SM		PT		AT			EOI		Dep*
		DL DEPL	Dependent Life	60103					15000.00		
Pct,Amt	Pre,Aft	SM		PT		AT		200.00	EOI	N	Dep*
		DC 401K	401(k)	40198							5.00
Pct,Amt	Pre,Aft	SM		PT	5.00	AT			EOI		Inv*
		SB S100	SB \$100 Value	10103			26		76.92	2000.00	
Pct,Amt	Pre,Aft	SM		PT		AT		2000.00	EOI	N	Dep*

Field Number = 43

Translating Form Fields to Table Field Names (LID)

- Use formdef utility
 - `http://server/cgi-lawson/formdef.exe?_PDL=<PRODLINE>&_TKN=<form>&_OUT=TEXT`
- Find “f” + Field Number

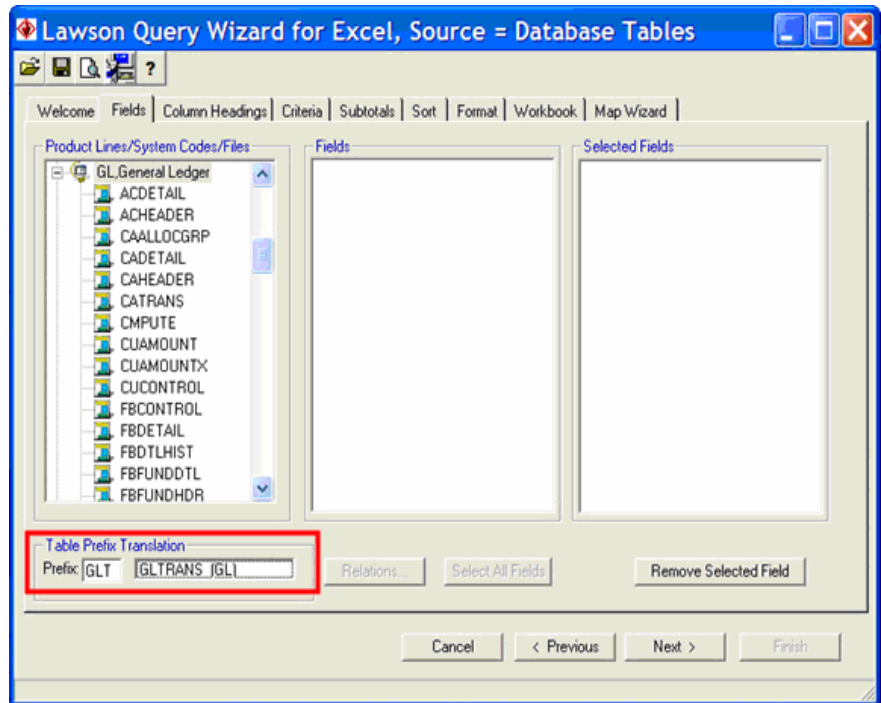


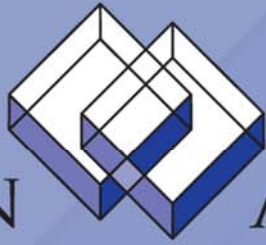
Translating Form Fields to Table Field Names

- Once you know the field name, find out which table it is in.
- For example, a field name is GLT-ACCOUNT, which means that this is stored in the Lawson table with a prefix of GLT, but which table is that?
- One quick way, which I use quite often with my clients, is to show them how to use the Lawson IOS DME service to retrieve a list of a product line's file names and abbreviations (adding the &OUT=export parameter to the URL will open it into Excel):
 - `http://<webserver>/cgi-lawson/dme.exe?PROD=GEN&FILE=FILEDEF&FIELD=FILENAME;SYSTEMCODE;PREFIX&SELECT=PRODUCTLINE=<productline>&OUT=export`
- You can then save this in Excel, sort the list by abbreviation and keep it handy.

Translating Form Fields to Table Field Names

- Here's another way you can look up the file abbreviations using the Lawson Query Wizard.
- If you have a recent [2.0] version of the Query Wizard, you may have noticed that Lawson has added this lookup capability right on the field selection tab:
- Enter the prefix, then press Tab and the table name and System Code will be displayed.





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