

LAWSON EXCEL ADD-INS TRANSLATING FORM FIELDS TO TABLE FIELD NAMES

Prepared by John Henley Decision Analytics November 2006



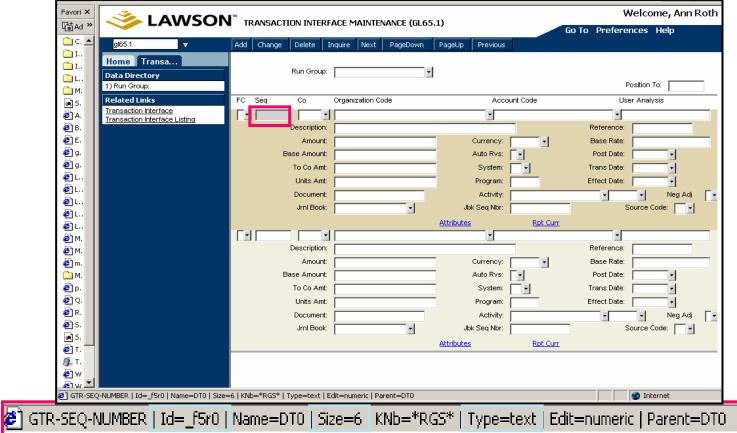
Translating Form Fields to Table Field Names

- 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





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

\$ 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

🗳 Lawson - Employee Benefit Chan	ges (BN32.1) - 🗆 🗙	
File Edit Options Field Actions Subforms Wind	ow <u>H</u> elp	
Change Active Data Area/Data ID	•	
Change User Profile	Two Rivers Company	
Display Log File	0 Penniman, Richard R.	
✓ Show Field <u>N</u> umbers	243-33-5313	
Choose Font	EL RS VA DE DE SB SP DB	
F Form <u>Colors</u>	Lawson - Employee Benefit Changes (BN32.1)	
C Tp (Setup Options	File Edit Options Field Actions Subforms Window Help	- 🗆 ×
HL ST-N HL-State Non 60103		
Pct,Amt 🗛 Pre,Aft P SM 🗍 PT 170		
DN DN-N Dental Non-fle 101597	Company: 4321 Two Rivers Company	
Pct,Amt A Pre,Aft A SM PT	Employee: 1000 Penniman, Richard R. As of Date: 111606 243-33-5313	
EL FL-N FlatAmt - Non 60103	Plan Type: HE DN DI EL RS WA DL DC SB SP DB	
Pct,Amt A Pre,Aft A SM PT		
DL DEPL Dependent Life 60103	C Tp Code Description Start Stop Opt Mult Cov,PayPer Sal,Annual	
Pct,Amt A Pre,Aft A SM PT	HL ST-N HL-State Non 50103 5	
	Pct,Amt A Pre,Aft P SM PT 1700.00 AT EOI Dep*	Add
DC 401K 401(k) 40198	DN DN-N Dental Non-fle 101597 3	
Pot,Amt 🖻 Pre,Aft 🖻 SM 🗍 PT	Pct,Amt A Pre,Aft A SM PT AT 225.00 EOI N Dep*	Add
SB \$100 SB \$100 Value 10103	EL FL-N FlatAmt - Non 60103 10000.00	
Pot,Amt 🗛 Pre,Aft 🗛 SM 🔽 PT 📃	Pot, Amt A Pre, Aft A SM PT AT EOI	Add
Benef SB		Muu
Deller		
	Pot,Amt A Pre,Aft A SM PT AT 200.00 EOI Dep*	Add
	DC 401K 401(k) 40198 5.00	
		< Add
	SB \$100 SB \$100 Value 10103 26 76.92 2000.00	
	Pot,Amt A Pre,Aft A SM PT AT 2000.00 EOI N	Add
	Benef SB Benef Comments	
	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

http://aix.danalytics.com/cgi-lawson/formdef.exe?_PDL=TRAIN803&_TKN=BN32.	1&_OUT=TEXT - Microsoft Inter	rnet 🗖 🗖 🖡
Eile Edit View Favorites Tools Help Address a http://aix.danalytics.com/cgi-lawson/formdef.exe?_PDL=TRAIN803	&_TKN=BN32.1&_OUT=TEXT	🗸 🔁 Go 🛛 🦂
🔾 Back 🔹 💿 👘 🖹 🗿 🖏 🔎 Search 👷 Favorites 🥙 😥 🔹 🕅 🔹 🕀 🔹	😒 🔝 🕶 🖬 🕶	
"AT",row=3,col=43,parent=DT0,align=right labl "EOI",row=3,col=58,parent=DT0,align=ri		
"Pct,Amt",row=5,col=1,parent=DT0,align=right labl "Pre,Aft",row=5,col=12,parent=DT0,a "SM",row=5,col=23,parent=DT0,align=right labl "PT",row=5,col=29,parent=DT0,align=right labl "PT",row=5,col=29,parent=PT0,align=right labl "PT",row=5,col=29,parent=PT0,align=PT,row=50,col=29,parent=PT0,align=PT",row=50,col=29,parent=PT0,align=PT",row=50,col=29,parent=PT0,align=PT",row=50,col=29,parent=PT	align=right labl	
"AT",row=5,col=23,parent=DT0,align=right labl "EOI",row=5,col=29,parent=DT0,align=right labl "EOI",row=5,col=29,parent=DT0,align=right labl "EOI",row=5,col=29,parent=DT0,align=right labl		
"Pct,Amt",row=7,col=1,parent=DT0,align=right labl "Pre,Aft",row=7,col=12,parent=DT0,align=right labl "Pre,Aft",row=7,col=12,parent=PT0,align=right labl "Pre,Aft",row=7,col=12,parent=PT0,align=right labl "Pre,Aft",row=7,col=12,parent=PT0,align=right labl "Pre,Aft",row=7,col=12,parent=PT0,align=right labl "Pre,Aft",row=7,col=12,parent=PT0,align=right labl "Pte,Aft",row=7,col=12,parent=PT0,align=right labl "Pte,Aft",row=7,col=12,parent=PT0,align=right labl "Pte,Aft",row=7,col=12,parent=PT0,align=right labl "Pte,Aft",row=7,col=12,parent=PT0,align=right labl "Pte,Aft",row=7,col=12,parent=PT0,align=right labl "Pte,Aft",row=7,col=12,parent=PT0,align=right labl "Pte,Aft",row=7,col=12,parent=PT0,align=Pte,Aft",row=7,col=12,parent=Pte,Aft",row=7,col=12,parent=Pte,Aft",row=7,col=12,parent=Pte,Aft",row=7,col=12,parent=Pte,Aft",row=7,col=12,parent=Pte,Aft",row=7,col=12,parent=Pte,Aft",row=7,col=12,parent=Pte,Aft",row=7,col=12,parent=Pte,Aft",row=7,col=12,parent=Pte,Aft",row	lian=right labl	
"SM",row=7,col=23,parent=DT0,align=right labl "PT",row=7,col=29,parent=DT0,align=right labl	ht labl	
"AT".row=7.col=43.parent=DT0.align=right labl "EOI".row=7.col=58.parent=DT0.align=right		
"Pct,Amt",row=9,col=1,parent=DT0,align=right labl "Pre,Aft",row=9,col=12,parent=DT0,a		
"SM",row=9,col=23,parent=DT0,align=right labl "PT",row=9,col=29,parent=DT0,align=rig	ht labl	
"AT",row=9,col=43,parent=DT0,align=right labl "EOI",row=9,col=58,parent=DT0,align=ri	ght labl	
"Pct,Amt",row=11,col=1,parent=DT0,align=right labl "Pre,Aft",row=11,col=12,parent=DT	0,align=right labl	
"SM",row=11,col=23,parent=DT0,align=right labl "PT",row=11,col=29,parent=DT0,align=		
"AT",row=11,col=43,parent=DT0,align=right labl "EOI",row=11,col=58,parent=DT0,align=	right labi	
"Pct,Amt",row=13,col=1,parent=DT0,align=right labl "Pre,Aft",row=13,col=12,parent=DT	0,align=right labl	
"SM",row=13,col=23,parent=DT0,align=right labl "PT",row=13,col=29,parent=DT0,align=	right labl	-
"AT",row=13,col=43,parent=DT0,align=right labl "EOI",row=13,col=58,parent=DT0,align= FC,row=02,col=01,edit=upper,flags=1010000000,parent=DT0,kfn=Hhe,occurs=0 item _f3	Fright inpt _f39,Fc,01,fidnm=LINI	E-
_f39,"S","Stop" inpt _f40,Out,02,fldnm=BEN-PLAN-TYPE.row=02,col=04,flags=001000000	9, C, Change Item _159, D, D	elece item
f41.Out.04.fldnm=BEN-PLAN-CODE.row=02.col=07.flags=0011100010.parent=DT0.kfn=		
_f42,Out,14,maxlen=15,fldnm=PLN-DISPLAY-DESC,row=02,col=12,flags=00100000000,parent=D10,km=		
f43.Text.06.fldnm=BEN-START-DATE.row=02.col=28.edit=date.flags=0010000000.paren		
f44.Hidden.08.fldnm=PT-BEN-START-DATE.parent=DT0.occurs=0 inpt _f45.Text.06.fldnn		ccurb-0 mpc
DATE.row=02.col=35.edit=date.flags=0010000000.parent=D10.kfn=GZ3.noknimport=1.o	ccurs=0 inpt f46.Text.02.fldnm=	=BEN-COV-
OPTION,row=02,col=42,edit=numeric,flags=0010000000,parent_DT0_server_0_leatf17	Taut of day,fldnm=BEN-	
MULTIPLE, row=02, col=45, edit=numeric, flags=0010000000, par Dind	2,fldnm=BEN-CO	OVER-
AMT,row=02,col=52,edit=numeric,flags=0010000000,parent=	hm=BEN-PAY-	
RATE,row=02,col=63,edit=numeric,flags=0010000000,parent= Pgd what: I	End Next	
_f50,Push,05,fldnm=HIPAA,row=02,col=74,flags=0000000010	Cancel ,occurs=0 inpt	
_rsi,Hidden,UI,fidnm=HUI-CREATE-TRANS,fidbtn=_rsu,paren		
KEASON, hubui =_150, parenc=010, km=Hbi, occurs=0 mpc _155,		
ID,fldbtn=_f50,parent=DT0,kfn=HBj,occurs=0 inpt _f54,Select FLAG,row=03,col=09,edit=upper,flags=1010000000,parent=D10,occurs=0 item _f54,"A","	Amount item (EA IDI IDercenti	lant
_f55,Select,01,fldnm=PRE-CONT-TAX-STS,row=03,col=20,edit=upper,flags=1010000000,		
item _f55,"A","After-Tax" item _f55,"B","Both" item _f55,"N","No contribution" inpt _f56.S	elect 01 fldpm=BEN-	r, Fletax
SMOKER,row=03,col=26,edit=upper,flags=1010000000,parent=DT0,kfn=HK1,noknimport=		
_f56,"Y","Yes" item _f56,"N","No" inpt _f57,Text,09,dec=02,fldnm=BEN-EMP-PRE-	-1,0ccarb-0 (ccm_100,), (ccm	
CONT,row=03,col=32,edit=signed,flags=0010000000,parent=DT0,occurs=0 inpt_f58,Tex	t,10,dec=02,fldnm=BEN-EMP-AFT	т-
CONT,row=03,col=46,edit=signed,flags=0010000000,parent=DT0,occurs=0 inpt_f59,Sel	ect,01,fldnm=BEN-PEND-	
EVIDENCE,row=03,col=62,edit=upper,flags=1010000000,parent=DT0,kfn=BPE,value="N"	,noknimport=1,occurs=0 item _f5	59,"N","No"
item _f59,"P","Pending" item _f59,"A","Approved" inpt		
_f60,Push,04,fldnm=DEP,row=03,col=65,flags=0000000010,parent=DT0,token=HR13.3,v		
_f61,Push,04,fldnm=INV,row=03,col=70,flags=0000000010,parent=DT0,token=BN36.1,va		
_f62,Push,03,fldnm=ADD,row=03,col=75,flags=0000000010,parent=DT0,token=BN32.3,v		
_f63,Hidden,04,fldnm=FILTER-INDEX,parent=DT0,occurs=0 inpt _f64,Hidden,10,dec=02,f		
CONT, parent=DT0, occurs=0 inpt_f65, Hidden, 10, dec=02, fldnm=BEN-COMP-CONT, parent=		11:0 2 7 1005
_f66,Hidden,10,fldnm=BEN-USER-ID,parent=DT0,kfn=HUA,noknimport=1,occurs=0 locn _ f42:0.2.12 locn f43:0.2.28 locn f45:0.2.35 locn f46:0.2.42 locn f47:0.2.45 locn f48		41:0,2,7 loch
142.0.2.12 IOCH 145.0.2.20 IOCH 145.0.2.55 IOCH 140.0.2.42 IOCH 147.0.2.45 IOCH 148	.0.2.52 1001 149.0.2.05 1001	>
Done	S 1.	ocal intranet
En noue	34	zoar mitranet



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 http://<webserver>/cgi lawson/dme.exe?PROD=GEN&FILE=FILEDEF&FIELD=FILENAME;SYSTEMCODE;PREFIX&SELECT=PRODUCTLINE=<productlin e>&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.

