DATA DICTIONARY ENHANCEMENTS

DireXions 2024

DATA DICTIONARY

Significant Changes to Tool Bar, Menu Bar and Panels

2019

<u>F</u> ile <u>E</u> dit <u>O</u> p	tions <u>U</u> tilities Projects	
	X Plus IOLOGIES LTD.	$ m (l) - \Box imes$ Data Dictionary Maintenance
New File	Copy Rename Delete Data Notes	Define IO Database Keys Procedure Convert
	<u>N</u> ame: <u>Client Master File</u> <u>D</u> escription: Client Master File	
Info	Physical File	
Ele <u>m</u> ents	Fixed data/client Expression	
	Options	
	Grou <u>p</u> : Application ~	Extended Records
	Type: Variable Length	✓ <u>C</u> ompression Type: None ✓
	<u>B</u> lock Size: Default \checkmark (in KB)	Convert to Text for <u>V</u> ersion Control System
	<u>S</u> eparator: Default SEP ~	Force data Validation on <u>W</u> RITE/UPDATE
	The system default separator is \$8A\$. Do NOT use \$00\$, \$01\$, \$02\$, \$03\$, \$0 \$09\$ or \$0A\$ in a Nomads environme	Enable UpdatePlus logic

2024

<u>File Edit Optio</u>	ns <u>U</u> tilities	Projects <u>N</u> OMADS lools	Wi <u>k</u> i Info			
	PLUS		Data Dictionary	Maintenance	0 -	
New File	Update Files Copy Maintain	Rename Delete Bulk Edit	Define IO Keys Procedur	e Export Data	Print Export Dictionery	File File
	<u>l</u> ame: ()escription: (Client Master File Client Master File	Q 88 14 4 ▶ 1	Last File Char 2024/07/29 Last Physical 2024/07/29	nge:) 16:45-Len Update:) 16:37-Len	
<u>I</u> nfo	Physical File				File Type	
Be <u>m</u> ents	Fixed	√ data/client			Native File	
	Options					
	Notes:	This is the Client master file	edefinition			
	Grou <u>p</u> :	Application ~		Extended <u>R</u> ecords		
	<u>T</u> ype:	Variable Length	\sim	Compression Type:	None	~
	Block Size:	Default 🧹 (in KB)		Convert to Text for <u>V</u> ersion	Control System	
	Separator:	Default SEP 🗸 🗸		Force data Validation on <u>W</u>	RITE/UPDATE	
	Inters Do N a No	system default separator is \$6 IOT use \$00\$, \$01\$, \$02\$, \$03 imads environment.	3A\$. \$, \$04\$, \$09\$ or \$0A\$ in	Enable UpdatePlus logic		



Update Physical Files

- Update multiple selected native files
 - Files are loaded in the grid
 - 'Edit All' to select/unselect files to update
 - Ability to see all files or only those requiring updating
 - Utility compares the Last Change date with the Last Updated date to determine if an update is necessary

	PLUS	Update Physical	Files	0	— 🗆 🗙
Update Physical File	es 🚺 Ple	ease ensure a backup of your data exists.			
Table	Description	Last Change	Last Updated		Lindate
				Edit All>	
Application Client Master File	Client Master File	2024/07/29 16:45:05	2024/07/29 16	:37:00-Len	ন
Department	Department file	2024/07/29 16:40:00	2004/02/03 15	:00:00-janer	_ _
Sales Rep	Sales Rep file	2024/07/29 16:42:17	2017/07/28 11	:19:45-Jane	¥
✓ Only Display Files	That Require Updating			Apply	Exit



Bulk Edit Data Elements

- Allows bulk changes to data elements in the data dictionary that can be updated simultaneously to multiple selected tables
- Ability to select tables to update
- Elements from the selected tables are loaded in the grid
- If element exists in multiple tables, "*All*" displays in Update Tables column
- Columns are sortable
- Changes are made right in the grid and are highlighted
- 'Apply' can be used to update the data element changes
- 'Update Physical Files' can be used to update the file(s)
- Selecting DTL button displays Extended Description dialog where more fields can be changed
- 'Update Tables' displays tables that will be updated
- 'View Log' prints a log of changes





Database Export Utility

- Utility to add a single table to an external database
 - Previously on the toolbar as Database Convert
 - Updated functionality

See 'External DataBase Export' PDF for more details

See 'How to Convert to External Databases' PDF for more details

	X P	LUS		Database E	xport Utility	() — □ X
File to Conve	rt:	accounts		General Ledg	er Accounts	Bulk Export
Database Typ	pe:	odb ~	Data Source:	lendb	Database Name:	
Table Name:		Accounts		Alternate File Name:		
User Name:		Admin		Password:	Admin	Test
Additional Op	tions:	NONULLS=	(;NULLPADKEY=Y			Connection
Database Se	Atabase Setup Information Override Database Setup Information Pathname: [ODB]endb;Accounts				rmation	
Options:	USER=A ct,GLAc	dmin;PSWD: ct;REC=GLAc	= Admin;NONULLS= \ :ct: 12,Description:40,	/;NULLPADKEY=Y;KEY Type:1,CreditDebit:1,S	′=GLAcct;KEY=Type,GLAcct;K ummaryAcct:12,Retain:1.0,No	EY=SummaryAc mPosting:1.0
Create:	CREATE TABLE Accounts (GLAcct varchar(12) NOT NULL, Description varchar(40) NOT NULL, Type varchar(1) NOT NULL, CreditDebit varchar(1) NOT NULL, SummaryAcct varchar(12) NOT NULL,		-			
Errors:						
File to Convert: accounts Bulk Export Database Type: ODB Data Source: lendb Database Name: Table Name: Accounts Atemate File Name:						



Bulk Database Export Utility

- Accessible from the Database Export utility via the Bulk Export button
- Utility connects to an external database to selectively export table definitions from the data dictionary and PxPlus native files data to the specified database

See 'External DataBase Export' PDF for more details

See 'How to Convert to External Databases' PDF for more details

See 'PxPlus External Database Support' PDF for more details

	PLUS			Bulk Databa	se Export	Utility		0 -	
Target Database	•								
Database Type:	odb ~	Data Source: lend	b	Da	tabase Nam	ie:		Create DB Fi	ile
User Name:	Admin	Pass	word:	Admin					
Additional Options	NULLPADK	(EY=Y					Load Tables		
Table	Group	Description	In DB	File Type	Validate	DB Action	Load Table	File Action	^
				Edit All>		No action		No action 🔝	
Accounts	LEDGER	General Ledger Accour	V	Native		No action		No action 🔻	
BalanceSheet	LEDGER	Balance Sheet definitio	 Image: A start of the start of	No File		No action		Create Link ▼	
BankAccounts	COMPANY	Bank Accounts	~	No File		No action		No action 🔻	
ClientContacts	SALES	Client Contacts	V	Native		No action		No action 🔻	
ClientMaster	SALES	Client Master File	V	Native		No action		No action 🔻	
CompanyInfo	SYSTEM	Company Information	V	ODB Link		No action		No action 🔻	
Countries	SYSTEM	Country Names	V	Native		No action		No action 🔻	-
Currency	SYSTEM	Currency codes	V	Native		No action		No action 🔻	
Departments	COMPANY	Department Codes	V	Native		No action		No action 🔻	
DepositDetail	RECEIVABLES	Cash Deposit details	V	No File		No action		No action 🔻	
Deposits	RECEIVABLES	Cash deposits	V	No File		No action		No action 🔻	
Exceptions	SYSTEM	Exception reporting log	V	Native		No action		No action 🔻	~
Strip User/Pas	sword from Link Fil	es and Prefix Entries			Disal	ble Data Loss V	Vaming 📿		
						View	Log Apply	/ Exit	



Bulk Database Import Utility

• Utility connects to an existing external database to selectively import table definitions from the database to the PxPlus data dictionary and data to PxPlus native files

See 'External DataBase Import' PDF for more details

See 'How to Convert to External Databases' PDF for more details

See 'PxPlus External Database Support' PDF for more details

		JS		Database	Import Utility		0	- C
Source Databas	e							
Database Type:	OD	B ∨ [Data Source: lendb	C	atabase Name:		Create [DB File
User Name:	Adr	min	Password:	Admin				
Additional Options	: NU	ILLPADKEY=Y				Load Ta	ables	
Table .	In DD	File Type	Description	File Name	Group	DD Action	File Action	
					Edit All>	No Action⊽	No Action	▽
Accounts	V	Native	General Ledger Accou	accounts	Ledger	Replace Re▼	No Action	▼
BalanceSheet	V	No File	Balance Sheet definiti	balance_sheet	Ledger	No Action▼	Create Link File	▼
BankAccounts	V	No File	Bank Accounts	bank_accounts	Company	No Action▼	No Action	▼
ClientContacts	V	Native	Client Contacts	client_contacts	Sales	No Action▼	No Action	▼
ClientMaster	V	Native	Client Master File	clients	Sales	No Action▼	No Action	▼
CompanyInfo	V	ODB Link	Company Information	companyinfo	System	No Action▼	No Action	▼
Countries	V	Native	Country Names	countries	System	No Action▼	No Action	▼
Currency	V	ODB Link	Currency codes	currencies	System	No Action▼	No Action	▼
Departments	V	Native	Department Codes	departments	Company	No Action▼	No Action	▼
DepositDetail	V	No File	Cash Deposit details	deposit_dtls	Receivables	No Action▼	No Action	▼
Deposits	V	No File	Cash deposits	deposit_hdr	Receivables	No Action▼	No Action	▼
Exceptions	V	Native	Exception reporting lo	exception_log	System	No Action▼	No Action	~



Define Keys

- Used to Define Keys for the file
 - New Delete button deletes selected key
 - Ability to change order of alternate keys





Export Data Dictionary Definition

- Exports selected data definitions to a text file that can be imported into another data dictionary definition
- Export file can then be imported to another location, such as a customer site

Import Data Dictionary Definition

- Imports selected data dictionary definitions from the export text file into the selected data dictionary
- Select to overwrite existing tables
- Optionally update the physical file(s) after import



DATA DICTIONARY - MENU BAR

Projects

Utilities



Edit

File

- Data Class Definitions and File Link Maintenance accessibility from the <u>Utilities</u> menu
- A <u>Wiki Info</u> menu option was added. It will display Data dictionary file information using the <u>PxPlus Wiki</u>
- <u>NOMADS Tools</u> menu added. It will display options for creating and editing library objects

NOMADS Tools Wiki Info

Options

Open Project Application Library

Panel Definition

Query Definition

Menu Bar Definition

File Maintenance Generator

🔮 PxPlus Wiki

NOMADS Tools

Keyed file:C:\demo PxPlus 2024\data\clients

Wiki Info

Record count:	200
Record size:	768
File size:	95744
Maximum # Records:	Unlimited
Field Separator:	Hex \$8A\$
Last Change date:	2024-05-16 09:38:32
Internal IOLIST:	IOLIST ClientId\$, ClientName\$, Address1\$, Address2\$, City\$, Region\$, Country\$, ZipCode\$, Pho Email\$, ContactName\$, SiteId\$, ShipVia\$, SalesRepCode\$, Balance, CreditLimit, ytdSales, ytdOrc StdTerms\$, ClientTaxGrp\$, Status\$, DateLastOrder\$, InvoiceVia\$

File Create Command

KEYED "C:\demo PxPlus 2024\data\clients", ["ClientIdKey":1:1:8], ["ByName":2:1:40:"C"]+[1:1:8], ["ByRep":18:1:3:"

Data Dictionary table name

ClientMaster

Notes

This is the Client master file definition

Internal Dictionary - Field Definitions

Field Name	Format	Description
ClientId\$	CHR(8)	Client ID Data Class: <u>PxPlus 2024\data Clientid</u> Print format:=% sys.ClientFmt\$ Query panel: Client.Q in scrnlib.*
ClientName\$	CHR(40)	Name Options: Required
Address1\$	CHR(40)	Address Line 1

DATA DICTIONARY - MAIN/INFO PANEL

Main/Info Panel

- <u>Last File Change</u> and <u>Last Physical Update</u> display-only fields
- <u>Notes</u> input control added to the Info panel (Previously Notes button on the tool bar)
- Physical File selection now a drop box (Previously two radio buttons)

<u>File Edit Options Utilities</u>	s Projects <u>N</u> OMADS Tools Wi <u>k</u> i	Info		
TECHNOLOGIES LT	5.	Data Dictionary M	laintenance	() — 🗆 X
New Update Files Co	ppy Rename Delete Bulk Edit	Define IO Keys Procedure	Export Data	Print Export Print Import Dictionary
<u>N</u> ame: <u>D</u> escription:	Client Master File Client Master File	Q 船 14 4 🕨 M	Last File Char 2024/07/29 Last Physical 2024/07/29	nge:) 16:45-Len Update:) 16:37-Len
Info Elements	le v data/client			File Type Native File
Notes:	This is the Client master file defin	ition		
Grou <u>p</u> :	Application V		Extended <u>R</u> ecords	
<u>T</u> ype:	Variable Length 🗸		Compression Type:	None v
Block Size:	Default 🗸 (in KB)		Convert to Text for <u>V</u> ersion	Control System
<u>S</u> eparator:	Default SEP 🗸		Force data Validation on W	

DATA DICTIONARY - MAIN/INFO PANEL

<u>File Type</u>	
Physical File	

P	hysical File		File Type	
	Fixed ~	clients 🖻	Native File	à
				-

- Displays current file type for the file ٠
 - Native PxPlus files ٠

File Type

à Native File

Database Type files

File Type



- Displays Database type and type of file .
- Selecting button displays link or prefix file contents .

Link File for regions		—		>
[Pvxdev]. ODB lendb Regions USER=Admin PSWD=Admin NULLPADKEY=Y KEY=Region KEY=RegionCode,Region REC=Region:24,CountryShort DDFNAME=Regions	extdb :3,RegionCode:10,TaxGroup:12			
C:\webster8088\data\regions			<u>C</u> los	е

Eile Type

DATA DICTIONARY - MAIN/INFO PANEL

Lookup Table Names

<u>N</u> ame:	ClientMaster	Q	ŝê	[∢	•
Description:	Client Master File				

- Selecting the lookup button displays a tree view list of table names in the data dictionary by group
- Table descriptions were added to the list
- New Collapse All/Expand All button
- New filtering capability by File Type and Database type
- Added file types
- Hovering over question mark icon displays a list of File Type icons



🛞 Lookup Table Names	—		×
 Products (Product Master file) Quotes (Sale Quotes) Quotes_dtl (Sales Quote Lines) ShippingOptions (Shipping Options) ShippingRates (Shipping Rates) Tax_Rules (Tax rules to apply) Taxes (Taxes Collected) TaxGrps_Client (Customer Tax Groups) TaxGrps_Product (Product Tax Groups) System CompanyInfo (Company Information) Countries (Country Names) Currency (Currency codes) Exceptions (Exception reporting log) Excaptions (Exception reporting log) Excaptions (State/Province/Region names) SecurityFile (Application Security control) GomCodes (UOM Codes) UomConversions (UOM Conversion tables) UomTables (UOM Conversion Tables) 		~	
Filter By: File Type Native Native Prefix Link Unknown	<u>0</u> k	Apply <u>C</u> anc	el

DATA DICTIONARY - ELEMENTS PANEL

New grid user interface for Data Dictionary <u>Elements</u> tab

2019

File Edit Op	tions Utilities Proj	File Edit Options Utilities Projects							
	X Plus iologies ltd.	_	D)ata Dic	tionary	/ Mai	ntenance	① - □ ×	
New File	Copy Rename De	elete			ĺ) Define Keys	IO Procedure	Database Convert Print File Splitting	
	Name: Client	Master File Master File		Q.#			▶ 9		
Info Be <u>m</u> ents	Record Format:						~	Global Dictionary	
Name ClientId ClientName Address1 Address2 City State Country ZipCode PhoneNumber PhoneExtension Website WebPwd		Description Client ID Name Address Address City State / Province Country Zip code/Postal Co Phone Number Phone Extension Website URL Website Password	Type S S S S S S S S S S S S S S S S	Len 6 40 40 40 2 10 10 10 16 4 50 10	Fmt D D D D D D D D D D D D D D D	< >	Add Edit Edit Edit Insert / Add \Longrightarrow	Name Address ClientId InvoiceNumber Name PhoneNumber Price ProductCode	

2024

File Edi	t <u>O</u> pt	ions <u>u</u>	tilities	Projects	NOMADS 10	ools w	i <u>k</u> i Info								
C	PV TECH	X PL		5.			Data Di	ction	ary N	laintenanc	е		() —	
New	Update File	Update Files	e Co Mair	ppy Rename	Delete Ed	JIK dit	Define Keys Define	IC Proce) dure	Export	Data F	Print	Experimentary Ex	ort ort Sp	File blitting
	Name: Client Master File Image: Client Master File Last File Change: 2024/07/29 14:58-Len Last Physical Update: 2016/06/27 13:56-Mike King Description: Client Master File 2016/06/27 13:56-Mike King														
<u>I</u> nfo Be <u>m</u> ents			Non-No ord For	ormali <u>z</u> ed mat:						~	Define	Sean	ch Grid for:	(F3)	
		Data	Eleme	ents							0				.
		Field	Dtl	Field Name	e Data	Class	Description	Туре	Len	Format	Display	Ext	Req U/C	R/0 ^	18
		1	1 3	ClientId			Client ID	Str	6	Delimited	000000				18
		2	3	ClientName	Q		Name	Str	40	Delimited					
		3	3	Address1			Address	Str	40	Delimited					
		4		Address2			Address 2	Str	40	Delimited					
		5		City			City	Str	40	Delimited					-
		6	3	State	STAT	E	State / Provinc	Str	2	Delimited	AA				
		7		Country	COU	NTRY	Country	Str	10	Delimited					
		8		ZipCode			Zip code/Post	Str	10	Delimited					
		9	3	PhoneNum	ber		Phone Numbe	Str	16	Delimited	000-000-0000				ſ
		10		PhoneExten	sion		Phone Extensi	Str	4	Delimited	###0				9
		11		Website			Website URL	Str	50	Delimited					
		12		WebPwd	PASS	WORD	Website Passw	Str	10	Delimited					
							i i								

DATA DICTIONARY - ELEMENT ENHANCEMENTS

Grid Side Tool Bar Buttons

Button		Description						
15	Move Up							
15		Move Down						
insert Above								
Insert Below								
Ů	Undo Last Change							
6		Add Notes						
		Edit Notes						
		Update Global Dictionary in other files						
Add Element to Global Dictionary								

Additional Grid Buttons

Button File Type



15

Display a list of Global Dictionary elements and their descriptions

Display Element Description dialog for Element

Data Elements

	Field	Dtl	Field Name	Data Clas	ss l	Description	n TypelLen	Format	Display	Ext Rea	U/C	R/0 ^	Î
	1	3	Clientld		X PLU	US		Element Descri	ption	• ^			12
	2	3	ClientName 🧕		Name	ClientId				External Only			1
	3	3	Global Element		Cla <u>s</u> s:	Clientid		At. Na <u>m</u> e:		Reguired			
_	4	3	ImagePath ZieCode	_					DB Null if Empty	<u>B</u> ead Only			3
	5		Field_3	Display	Properti	ies							e
_	6		Address1	User Aids	<u>T</u> ype:	String ~	Format Mask: Delimit	ed ∨ <u>L</u> e	ength: 8	Occu <u>r</u> s:			Ð
	7		City	Query	Short D)escription	Client ID						
_	8		Region Country	ODBC	Default								
	9		ClientName		Fixed								[
_	10		PriceList		Validati	ion / Rules	Print / Inj	put Format	User Defir	ned Tag Field			9
	11		StdDiscount StdTerms		Fixed	~	Expressio	n ∨ ntEmt¢	Fixed	~			
	12		TouCmun K				/sys.cire	nirnitə					
	13	3	Website										
BRI	OGING 1	HE P	AST AND THE FU		Securit <u>y</u>		Cl <u>e</u> ar	<u>D</u> elete	<u>O</u> k <u>C</u> a	ncel <u>A</u> pply			

DATA DICTIONARY - ELEMENTS PANEL

<u>Right Click on Field Name</u>

• Right click capability when focus is on Field Name cell

Data Elements

Field	Dti	Field Na	me	Data Clas	s	Description			
1	D	VendorCo	de			Vend	ler Code	S	
2	۵		Insert Elen	nent. Þ	Be	fore			
			Repeat Ele Delete Ele	ment ment	A	Her			
			Add to Gk	obal Bements					

Function	Description
Insert Element	Inserts a new element Before or After
Repeat Element	Repeats the settings for the selected element
Delete Element	Deletes the currently selected element
Add to Global Elements	Adds selected element to Global Dictionary

DATA DICTIONARY - ELEMENTS PANEL

Search Grid Option

- Searches grid as each character is entered
- F3 puts focus on search field

<u>I</u> nfo		Non-N	omali <u>z</u> ed							Search Grid for: (F3)					
Be <u>m</u> ents	<u>R</u> ecord Format:			✓ De					Define	ne sa					
	Data	Elem	ents	-				-							
	Field	Dtl	Field Name	Data Class	Description	Туре	Len	Format	Display	Ext	Req	U/C	R/0		
	18		SalesRepCode 🧕	Salesrep	Sales Rep Cod	Str	3	Delimited				☑		18	
	19		Balance		Balance	Num	10.2	Delimited	-##,###,##0.0				☑		

DATA DICTIONARY - ELEMENTS DESCRIPTION

Elements Description Dialog

• Ability to <u>Rename</u> an element

New Element Name

• Element Name field is now a variable drop box

 \times



- <u>Read Only</u> attribute added for Data Dictionary elements
- <u>DB Null if Empty</u> option added to Element definition to allow a null value to be returned when interacting with a database link or prefix file

	X PLUS	Element Description	() X
	<u>N</u> ame: <u>ClientName1</u> Cla <u>s</u> s:	→ I	External Only ✓ Reguired Upper Case ✓ Read Only
isplay ser Aids	<mark>Properties</mark> <u>T</u> ype: String ∨	<u>F</u> ormat Mask: Delimited ∨ <u>L</u> ength: 40	Occu <u>r</u> s:
uery DBC	Short Description	Name	
	Default / Input Value Fixed		
	Validation / Rules	Print / Input Format User Do Fixed ✓	efined Tag Field
	Securit <u>v</u>	Cl <u>e</u> ar <u>D</u> elete <u>O</u> k	Cancel Apply

DATA DICTIONARY - ELEMENTS DESCRIPTION

Elements Description Dialog

- Floating Tips added to User Aids panel
- <u>Define</u> button added to Query panel

		INDLOGIES LTD.
		Name: ClientId Image: Ima
Display	Display	Query Type: Panel ~
User Aids	User Aids	Panel/Program Attributes Image: Street st
Query	Query	Expression
ODBC	ODBC	Library: scmlib.*
		Non-Query Logic
		Spinner Attributes Increment: 1 C Start: 1 C End: 9999
		Security Clear Delete Ok Cancel Apply



DATA CLASSES



DATA CLASS DEFINITIONS

Data Class Definition

- Enter Notes for a Data Class definition
 - Notes will get copied to Data Dictionary element
- Last Class Change date and time stamp
- Width and Height properties for <u>Multi-Line Data Classes</u>
- Define button added to Query tab for <u>Drop Box</u>, <u>List</u> <u>Box</u> and <u>Multi-Line</u> data classes

		INOLOGIES LTD.
		Class Name: Payment Type 👬 M 🔹 🕨 🐻 Last Class Change: 2022-02-10 16:13:55
		Control Type: Drop Box
		Description: Fixed ~ Payment type
		*Dynamic 🔽 Internal Data Type: String 🗸 Internal Size: 1
Display	Display	*Query Type *Panel Information
Attributes	Attributes	Panel Fixed Select Query
Aundules	Aundules	Query Program Library: scmlib.* V
User Aids	User Aids	Non-Query Logic Panel: PAYMENTTYP.Q Define
Validation	Validation	*Query Button Options
Query	Query	Bitmap Image: Fixed V Width: 0.00 0
		Floating Tip: Fixed ~
		Attributes: Bitmap Button Rat Button Embedded Transparent Rat - No Border
		Popup Menu <u>W</u> rite <u>D</u> elete Clear Exit



VIEWS



VIEWS

Data Source Definition Wizard

• New Wizard interface with added features



tep 2: Elements	ants Relationships Auded in the Data Source.	4 Logic Expression	5 Groups Length	6 Finish Class	h
1 2 Data Source Element Elements Define the Elements to be incompared Element Identifier SalesRepCode Name	3 ents Relationships luded in the Data Source.	4 Logic Expression	5 Groups Length	6 Finish Class	h
Data Source Elemination Elemination Elemination Elements Define the Elements to be inconcented and the Element Identifier SalesRepCode Name Name Elemination Elem	ents Relationships	Logic Expression	Groups	Finisl	h
Cements Define the Elements to be inco Element Identifier SalesRepCode Name	luded in the Data Source.	Expression	Length	Class	•
Define the Elements to be inc Element Identifier SalesRepCode Name	Description	Expression	Length	Class	•
SalesRepCode 🔻	Sales Rep Code				
Name	Sales Kep Code	SalesRepCode\$	3	ZSalesrep	
indirite.	7 Name	Name\$	40		
Email 🔻	Email Address	Email\$	50		
email256 🔻	email 256	email256\$	256		
email250 🔻	email250	email250\$	250		
email100 🔻	email100	email100\$	256	email100	
PhoneNumber_1 🛛 🔻	Office Phone	PhoneNumber_1\$	16		
PhoneExtension 🔻	Phone Extension	PhoneExtension\$	6	Extension	
MobileNumber 🛛 🔻	Mobile Phone	MobileNumber\$	16		
	··· -·	Line ablumation of			~
Load All Clear <u>A</u> ll					

VIEWS

Views Maintenance

- Added <u>Calculated Fields</u> to Views
- Selecting the Calc Items tool bar button displays the Define Calculated Items dialog
- Define the calculated field by naming it and entering the calculation expression
- Expression can be entered or the Build Expression dialog can be used
- Once created, it displays in the View fields

