

Visual Report Writer

Synergy 2011

Data Access Europe

Nick Nikijuluw, Managing Director

Overview

- In New Orleans 2009 we showed:
 - A “Preview”
 - 19 functions
 - Basic API for integration in VDF
 - Roadmap at New Orleans:
 - First Developer, then Standard Edition
 - “Query” and Enterprise

Overview

- Alpha's & Beta's
 - Vast expansion of API and function library
 - Group of Active and Advanced testers
 - We learned what “*basic but enough*” means to our customers.
- Version 1.2: Release Developer Edition
July 2010

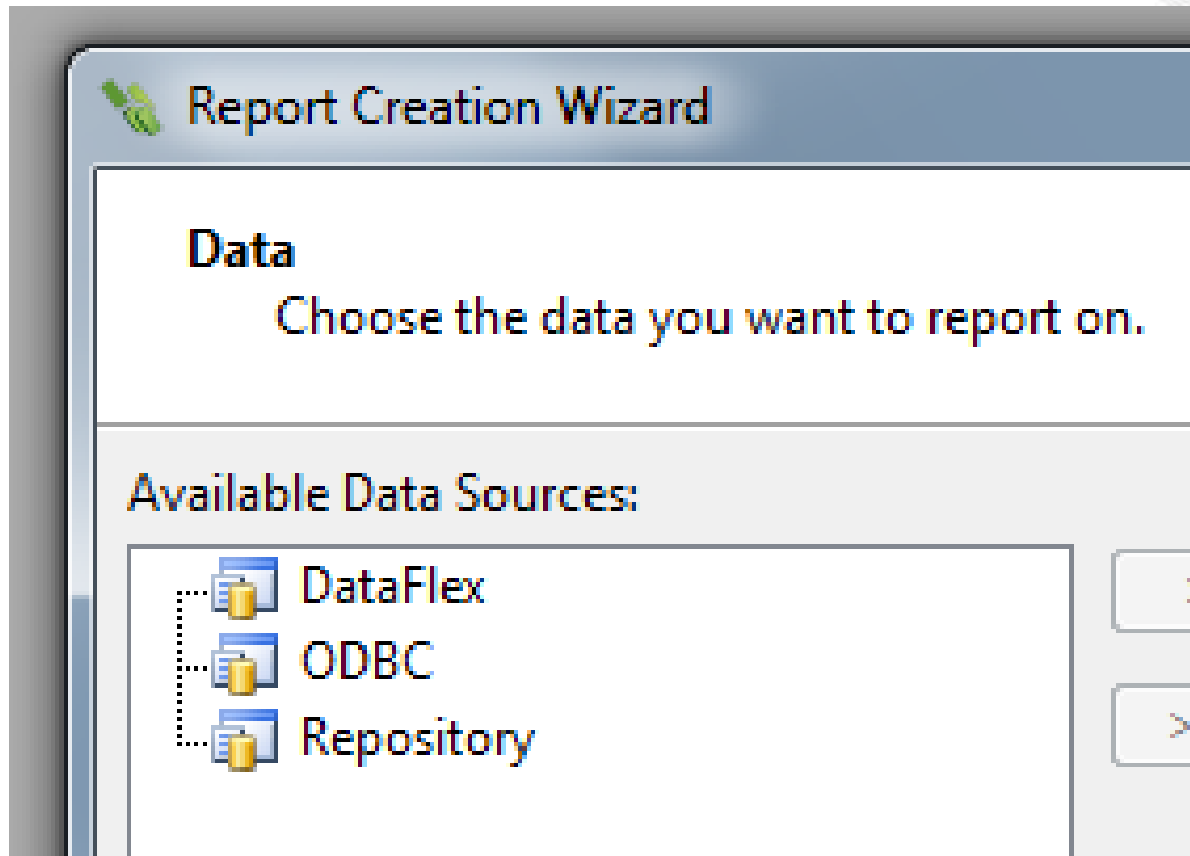
Overview

- **Version 1.3 (September 2010)**
 - Developer Edition
 - Standard Edition
- **Version 1.4 (February 2011)**
 - Performance (off-load to server), Stored Procedures

Overview

- What's in V1.4?

Wizard



Wizard

- Add Tables, Links, Fields, Groups, Filters

maandag 28 maart 2011 6:15:48

101	1.668,00	Access Miles
102	396,00	Stunning Software Corp.
103	565,00	Ortega Emergency Care Center
104	818,00	Ace Manufacturers, Inc.
105	1.687,00	Wilson Bolt & Nut Company
106	228,00	Big River Public Schools
107	277,00	General Food Supplies
108	2.657,00	Wilson Bolt & Nut Company
109	367,00	Rectangle Service Center
110	2.336,00	Youth for Brass Springs, Inc.

Visual Design

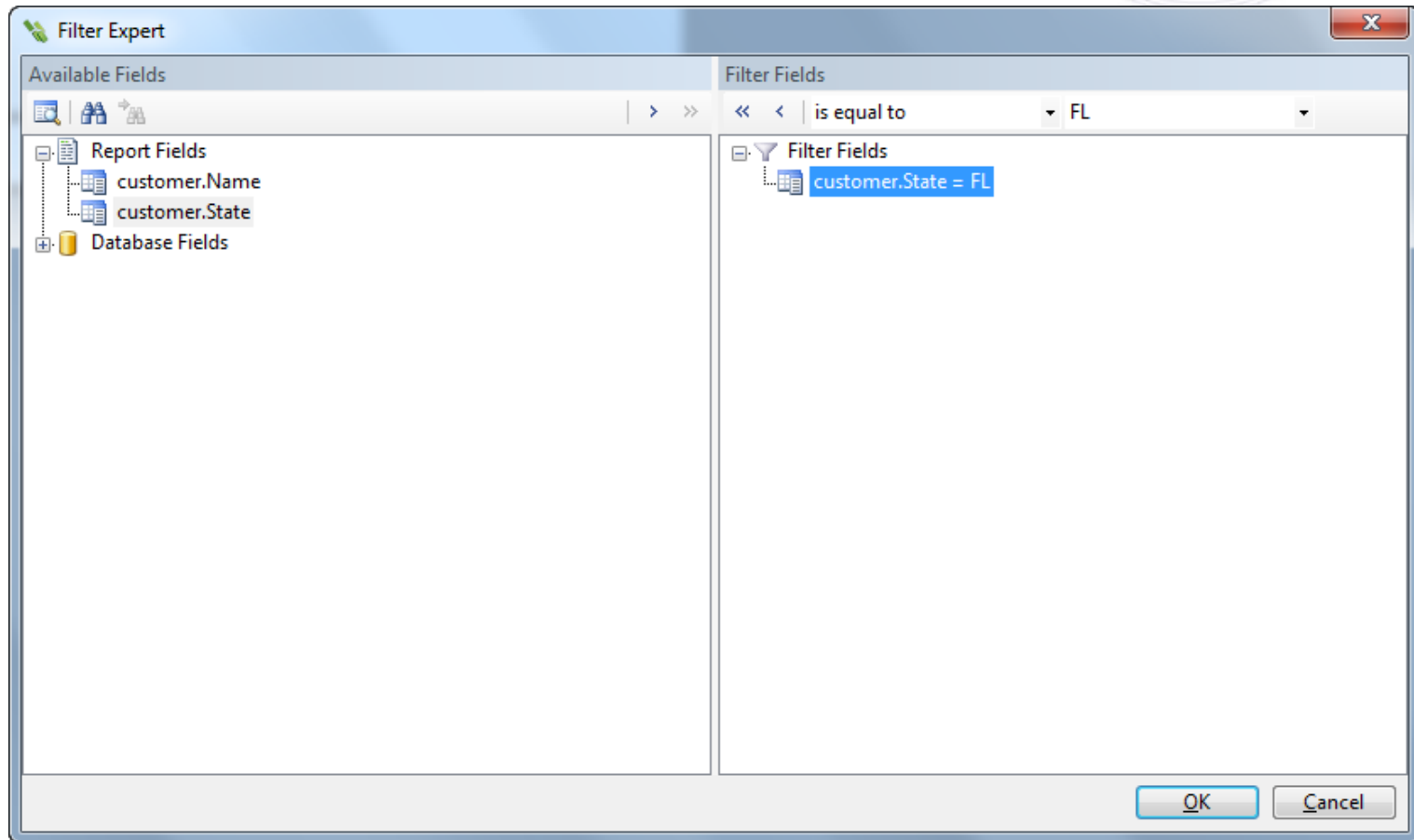
Customer financial status for Collections dept. (strictly confidential)

228 Fuel Express Pizzas & Food	Limit	Balance	Age (days):	Status
Floyd, IA, Phone: 641-555-2387	500,00	22.853,00		-22.353,00
donderdag 29 april 2004		134	(1)	358,00
donderdag 6 mei 2004		163	22	14.500,00
dinsdag 11 mei 2004		186	17	7.995,00
			Total:	22.853,00
3A Software	Limit	Balance	Age (days):	Status
La Mesa, CA, Phone: 619-555-5246	2.774,00	3.550,00		-776,00
maandag 26 april 2004		127	2	3.169,00
maandag 26 april 2004		128	2	381,00
			Total:	3.550,00

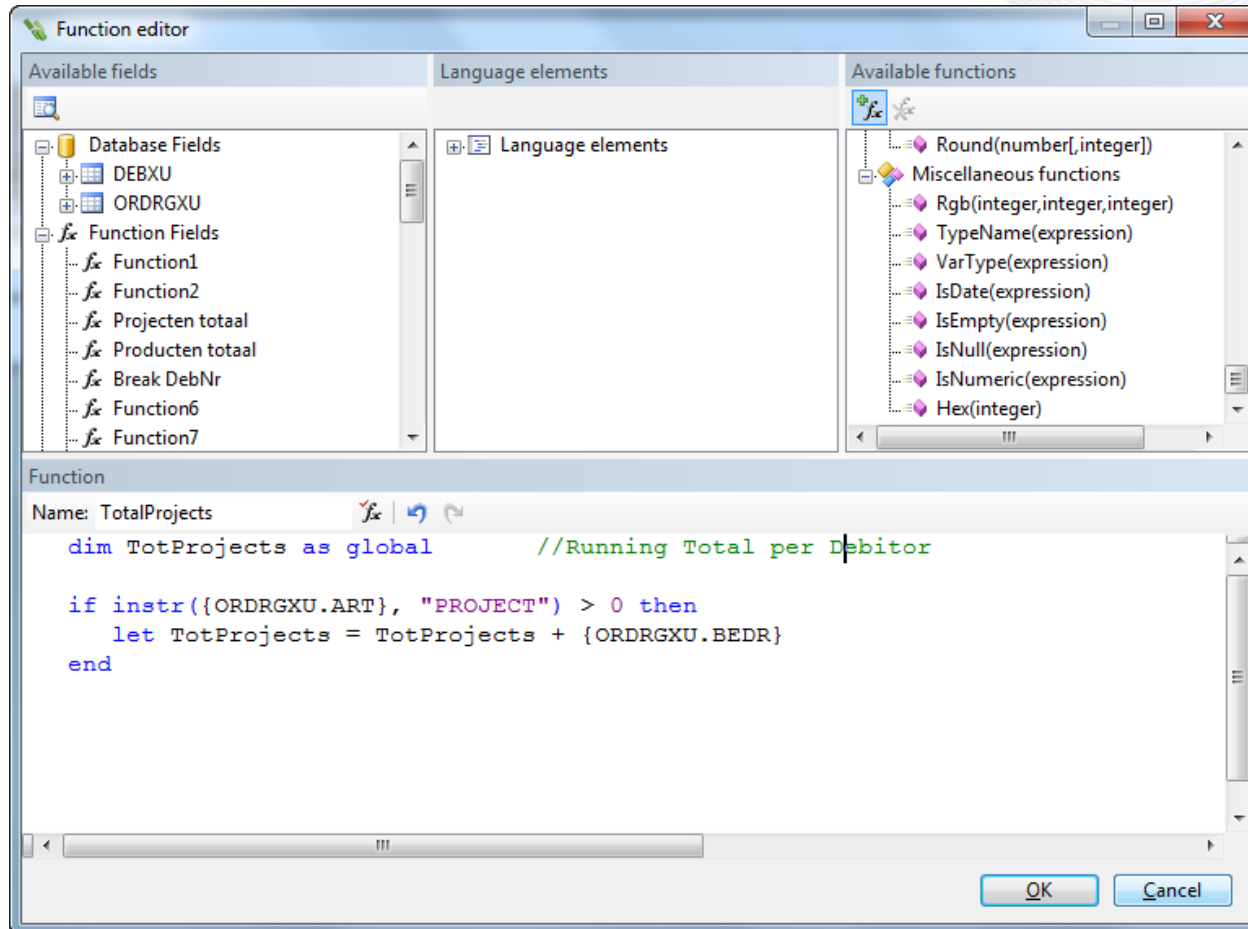
Filters & Functions

- Add Functions
- Add Filters
- Visual Report Writer has 65 built-in functions

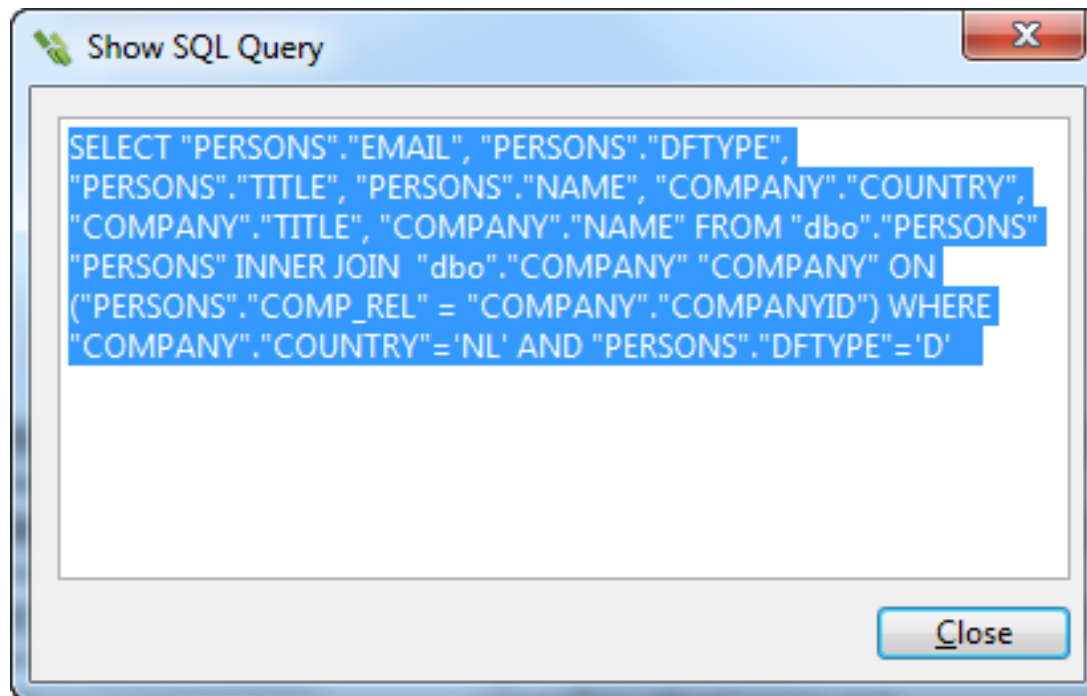
Filter Expert



Function Editor

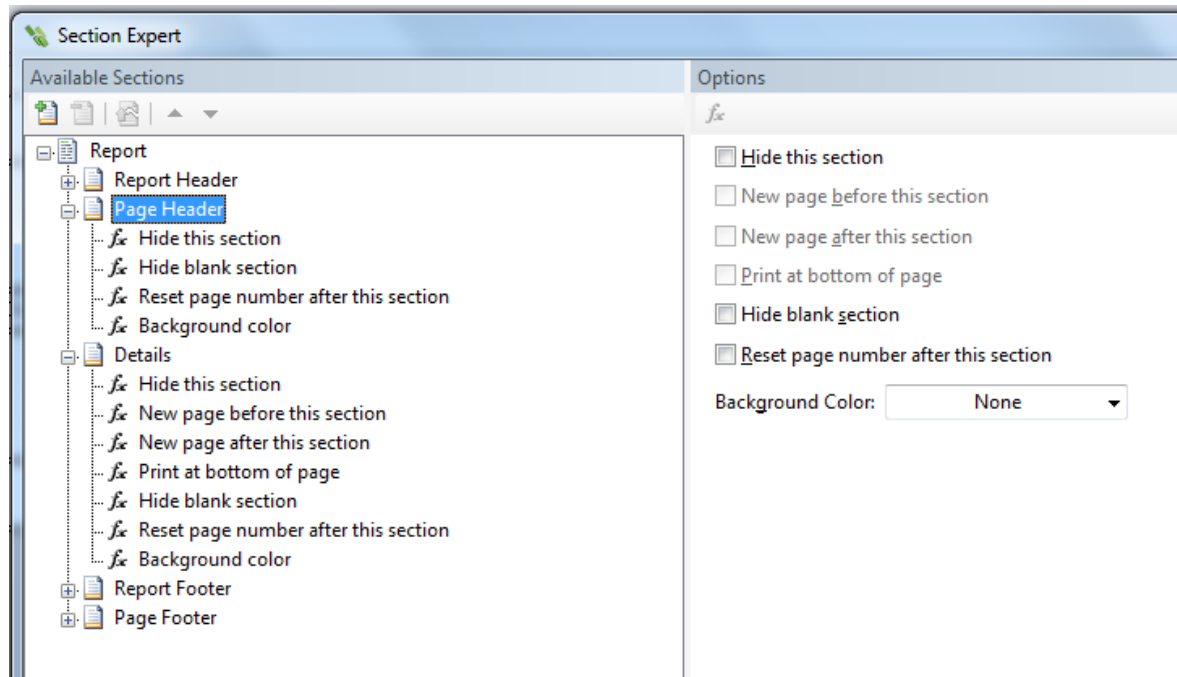


Show SQL Query







Sections

■ Control Sections





Barcodes

woensdag 30 maart 2011 16:29:48

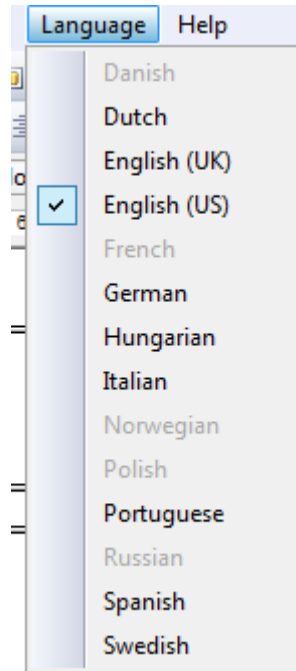
	Item_ID	Qty_Ordered
This is a sampe PDF 417 barcode:		
		
Order number:	134	Barcode (code 39): 
	DT	2
Order number:	163	Barcode (code 39): 
	MAPS	100
Order number:	186	Barcode (code 39): 
	STARTRK	5

Pictures

- Static as well as dynamic.

	<p>Access Miles Miami 305-555-0012 D:\Pic1.jpg</p>	<p>FL</p>	<p>12.640,00</p>
	<p>American Products, Inc. Redmond 425-555-7518 D:\Pic2.jpg</p>	<p>WA</p>	<p>4.044,00</p>

Multi Lingual



SQLite

- So, why do we use SQLite in Visual Report Writer?
- Or: Why don't we use the embedded DataFlex database for storing languages?

Programming

- Global Variables
- API, integrate Reports in Visual DataFlex apps

What's Next?

- Version 2.0 (Summer 2011?)
 - ELF
 - RDS
 - PDF

What's an ELF?

■ External Library Function

1. Create new functions in a DLL
2. Add function to your Visual Report Writer (Globally)
3. Use new function to build reports

demo

- Example of an ELF: Add value of 2 Variables
 - [C code](#)
 - [Usage in Visual Report Writer](#)

demo

- ELF – Example 2
 - Codemast
 - [C code](#)
 - [Usage in Visual Report Writer](#)

RDS

■ What's RDS?

- Runtime Data Source
- Create a report based on virtual tables and columns
- Create a Visual DataFlex report to populate the fields in the report

Advantages of RDS

- Full control over data collection process in VDF
- Full visual design of the report in VRW
- Detach design from logic
- Create Reports independent of data source
- Combine reporting with transaction processing
- Data at Runtime (transformations, virtual DWH)
- Complex selections, embedded SQL, etc.

How to Create an RDS Report



How to Create an RDS Report

- At the Visual DataFlex Studio Side
 - New Wizards

RDS - Example

- Example:
 - [Filelist Report](#)
 - [Launch](#)
- Example report:
 - [Selected Customers.VRW](#)
 - [Launch](#)

PDF

■ New Library

- Better rendering
- Enhanced memory management (large reports)
- Vertical Printing
- Possibly:
 - RTF Support
 - RTL Support

What's Next?

- Version 1.4.x. Bug fix only (asap).
- Version 2.0. Summer 2011 (June?)
- Query, Enterprise

Your Customers

■ Special Offer:

- Standard Edition Licenses: ***Buy 3, get 5***
- Renewal start-date at Activation date
- Valid through April 2011
- For Synergy Attendees!