

Visual Report Writer

Integration with Visual DataFlex Applications

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API

- COM Object (ActiveX) Library
- 11 public events
- 83 public methods
 - 20 properties
 - 4 conversion functions
 - 42 functions and procedures

How to Start?

- Create a cVisualReport object
- Assign a report name
- Open the report
- Print, Display or Export the report



Filtering

- Filter Function
 - Complex expression
- Record filters (Filter Expert)
 - Query, Add, Remove, Change
- Offload to server if possible
 - DataFlex: Seed index

Sorting

- Local sorting: Collating Sequence file
- Record sorts
 - Add, remove, query or change

Preview

- Modal Dialog
- Dynamic generated view
- Embedded in report view

- Navigate through pages
 - 4 browse methods
 - 1 specific page method

Print

- Built in print handling
 - Selects printer -> prints
- Own printer selection
 - Supports default printer without dialog
 - Printer selection without dialog

Export

- Portable Document Format (PDF)
 - User & Owner password
 - Image quality
- Comma Separated Values (CSV)
 - Separator can be specified
- Images
 - TIFF, JPEG, GIF, PNG

Functions

- Named functions accessible
 - Query, Change contents



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Images

- Change name or path via functions
- Product or likewise images in report



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Database

- Data source location
 - Query, change
 - Database
 - Tables
 - Schema
 - Connection
 - DataFlex tables by default processed

Stored Procedures

- Compiled SQL routines
- Parameterized
 - Query
 - Count, Type, Name
 - Get & Set value

Sub Reports

- Nested reports
- Query the amount of sub reports
- Access each sub report as report

Language

- Get & Set report language
 - Special Fields
 - Page N of M
 - Error messages
- Visual Report Writer language defines output language for wizard

Version 2.0

- RDS (Report Data Source)
 - Fill an two dimension array with values
 - Pass it to the report object
 - Output the report
- Improvements
 - Date conversion functions
 - More stored procedure parameter info
 - Wizard changes

Questions

- Questions?



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