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DataFlex Reports

Web & Windows application integration showcase

Two worlds

- Different needs
- Different output techniques
- Same report!
- Same reporting engine!
- One report integration class
- One wizard
- Several templates

Integration wizard

- Connects to existing report or create a new RDS based report
- Can generate a Windows or a Web report view; both Desktop and Drill-down style applications supported

Windows integration

Output to

- Previewer control
- Printer
 - Selecting printer, default printer and printer by name supported
- Export to file
 - PDF, CSV, XLS, RTF, Image

Windows Previewer

- Modal
- MDI view
- Embedded
- Toolpanel
- DesktopView

Examples

- Simple customer list
- Orders per customer
- Inventory label with barcode
- Photo gallery
- Shipvia
- Dynamic filter expert

Simple customer list

- Report view generated by integration wizard
- Modified with:
 - Usage a different canvas color
 - Enabling option to specify which page numbers to print in the select printer dialog
 - Export report results to PDF and e-mail them
 - Choose of preview style

Orders per customer

- Tab-page in Customer Entry view
- Runs report on selecting a different customer
- Click on inventory items, order numbers and salesperson name possible
 - Opens the data entry view for these tables

Inventory label with barcode

- Show a modal dialog with a label when an inventory item is selected
 - Using one of the 73 new built in barcode formats

Photo gallery

- RDS based
- View shows all folders
 - Inclusive Windows designated Pictures folder
- Selecting a folder collects all image file names and reads their data in an RDS array member
- Report shows the image

Shipvia

- Uses ESQL (with use of Managed Connections) to get codemast rows for the shipping codes
- Runs a report that shows minimum, average and maximum order total values for the selected shipping method

Dynamic filter expert

- Report is the simple customer list
- Data can be filtered by selecting a column, operator and value

Web integration

Structure

- Report object on a web server
- Output send to the client



Output choices

- Common:
 - HTML
 - PDF
- Optional:
 - Images (jpg, tiff, gif, png)
 - Word
 - Excel
 - CSV

Examples

- Customer list
- Inventory label
- Sales price differences
- Sales persons overview
- Image information

Simple customer list

- Select and results view generated by wizard
- Enhanced with:
 - Customer name display
 - Option to use zebra striping
 - Export to any of the supported export types
 - Click to open/edit customer information

Inventory label

- Use of label style reports
- Based on RDS
- Using new built in barcode support
- Report view made via template
 - Wizard cannot add custom forms and combo boxes

Sales price differences

- RDS based report
- Collects the prices used in all order detail lines for a given inventory product code calculating the highest, lowest and average price
- Shows the results in a chart

Sales persons overview

- RDS report shows the ID, Name and photo of the employee
- Image data is loaded as binary information in the RDS array
- Report paints the image

Image Information

- RDS (e.g. EXIF information)

Overview

Wizard, templates...

- Use the wizard for report views
- Use templates for more coded report integration
- Creation report object from class palette when integration must be mixed with other functionalities

That's it for today...
