Interactive Features

Designing for an enhanced online viewing experience

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Overview

- **Report Layout**
  - Interactive Sort
  - Fixed Headers
  - Tooltips
  - Visibility
- **Navigation Aids**
  - Document Map
  - Actions
  - Embedded HTML

Interactive Sort

Sales Territory Country	Sales Amount	Order Quantity
Europe		
United Kingdom	$888,144.38	2,430
France	$479,277.44	1,234
Germany	$325,696.68	1,074
North America		
United States	$10,023,083.91	25,033
Canada	$2,051,627.11	5,251
Pacific		
Australia	$398,980.56	1,804

Ascending

Sales Territory Country	Sales Amount	Order Quantity
Europe		
Germany	$325,696.68	1,074
France	$479,277.44	1,234
United Kingdom	$888,144.38	2,430
North America		
Canada	$2,051,627.11	5,251
United States	$10,023,083.91	25,033
Pacific		
Australia	$398,980.56	1,804

Descending

Sales Territory Country	Sales Amount	Order Quantity
Europe		
United Kingdom	$888,144.38	2,430
France	$479,277.44	1,234
Germany	$325,696.68	1,074
North America		
United States	$10,023,083.91	25,033
Canada	$2,051,627.11	5,251
Pacific		
Australia	$398,980.56	1,804

Interactive Sort

Sales Territory Country		Sales Amount	Order Quantity
Europe	⊙		
United Kingdom		$888,144.38	2,430
France		$479,277.44	1,234
Germany		$325,696.68	1,074
North America	⬍		
United States		$10,023,083.91	25,033
Canada		$2,051,627.11	5,251
Pacific	⬍		
Australia		$398,980.56	1,804

Sort within a group

Sort groups

Sales Territory Country		Sales Amount	Order Quantity
North America	⊙	**$12,074,711.02**	**30,284**
United States		$10,023,083.91	25,033
Canada		$2,051,627.11	5,251
Europe		**$1,693,118.51**	**4,738**
United Kingdom		$888,144.38	2,430
France		$479,277.44	1,234
Germany		$325,696.68	1,074
Pacific		**$398,980.56**	**1,804**
Australia		$398,980.56	1,804

Fixed Headers

Sales Territory Group	Sales Territory Country	Sales Territory Region	English Product Name	2005	2006	2007	2008
			HL Road Handlebars			$138	
			HL Road Pedal			$97	$97
			HL Touring Frame - Blue, 54			$7,228	$3,614
			HL Touring Frame - Blue, 60			$3,614	$3,012
			HL Touring Frame - Yellow, 54			$7,830	$1,205
			HL Touring Frame - Yellow, 60			$3,614	$2,409
			HL Touring Handlebars			$549	
			HL Touring Seat/Saddle			$379	$190
			Hydration Pack - 70 oz.			$264	$231
			LL Bottom Bracket			$486	$97
			LL Crankset			$948	$526
			LL Mountain Frame - Black, 42			$749	
			LL Mountain Frame - Black, 44			$450	$450
			LL Mountain Frame - Black, 48			$300	$150
			LL Mountain Frame - Silver, 40			$317	

Avoid transparent background color in header

Header information not visible at bottom of page

Row Headers
- ☐ Repeat header rows on each page
- ☐ Keep header visible while scrolling

Column Headers
- ☑ Repeat header columns on each page
- ☑ Keep header visible while scrolling

Tooltips

Sales Territory Country	Sales Amount	Order Quantity
Europe		
United Kingdom	$888,144.38	2,430
France	$479,277.44	1,234
Germany	$325,6 Percent of Europe: 28.31% 4	
North America		
United States	$10,023,083.91	25,033
Canada	$2,051,627.11	5,251
Pacific		
Australia	$398,980.56	1,804

- Assign tooltip expression to a textbox, tablix, chart series, or chart
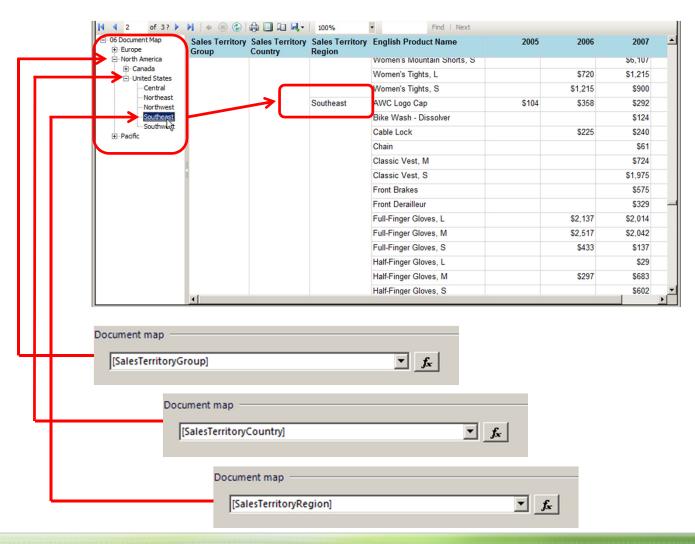- View tooltip for outermost object only

Visibility

English Product Name	[CalendarYea
[SalesTerritoryGroup]	[Sum(SalesAn
[SalesTerritoryCountry]	[Sum(SalesAm
	[Sum(SalesAn

Textbox visibility: Hide
Toggle on SalesTerritoryGroup

Row visibility: Show
Toggle on SalesTerritoryGroup

Toggle reverses visibility

Toggle

English Product Name	2005	2006	2007	2008
⊟ **Europe**				
France		$69,812	$479,277	$399,159
Germany			$325,697	$299,827
United Kingdom		$366,785	$888,144	$538,183
		$436,597	$1,693,119	$1,237,168
⊞ **North America**	$2,906,389	$10,087,222	$12,074,711	$5,732,759
⊞ **Pacific**			$398,981	$400,571

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Document Map

Actions – Bookmarks

Bookmarks

Go To
Bookmark
Action

Select bookmark:

[SalesTerritoryGroup]

Properties

Chart1 Chart

Other

Bookmark	=Fields!SalesTerritoryGroup.Value
CustomProperties	
DocumentMapLabe	

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Actions – Go To Report

Parent Report

Target Report

Pass parameters

Go To Report
Action

Specify a report:

Total Sales by Territory   ▼   fx

Use these parameters to run the report:

Add   Delete

Name		Value			Omit
BusinessType	▼	[@BusinessType]	▼	fx	fx
SalesTerritoryGroup	▼	[SalesTerritoryGroup]	▼	fx	fx
SalesTerritoryCountry	▼	[SalesTerritoryCountry]	▼	fx	fx

Actions – Go To URL

RDL

URL

Go To URL
Action

Select URL:

«Expr» ▾ f_x

Hard-coded URL

```
="http://www.adventure-works.com"
```

Expression-based URL

```
="http://www.adventure-works.com/"
+ Fields!EnglishProductName.Value
+ ".html"
```

Embedded HTML

Employee List

Total Employees: 296

ADVENTURE WORKS cycles

Year Hired	Employee
2000	Gilbert, Guy
2001	Brown, Kevin
	Tamburello, Roberto
2002	Bradley, David
	Bradley, David
	Brown, Jo
	Campbell, John
	D'Hers, Thierry

Placeholder properties

Markup type

- ○ None - Plain text only
- ⦿ HTML - Interpret HTML tags as styles

For This Tag Type	Select From These Markup Tags
Font	<FONT>
Header, style, and block elements	<DIV>, <H{n}>, <HN>, <LI>, <P>, <SPAN>
Hyperlink	<A href>
List	<LI>, <OL>, <UL>
Text format	<B>, <I>, <S>, <U>

Useful for navigation

Summary

- **Interactive Sort**
  - Detail rows, groups, scope
- **Fixed Headers**
  - Columns or rows in view during scrolling
- **Tooltips**
  - Hard-coded text or expression, data region or textbox
- **Visibility**
  - Hide/show on open, toggle item
- **Document Map**
  - Interactive table of contents by group
- **Actions**
  - Bookmarks, report, URL
- **Embedded HTML**
  - placeholder properties, HTML markup style

References

- **Adding Interactive Features**
    - http://msdn.microsoft.com/en-us/library/ms159701.aspx
- **Formatting Text and Importing HTML**
    - http://msdn.microsoft.com/en-us/library/cc645967.aspx