Introduction to BIRT

Krzysztof Daniel

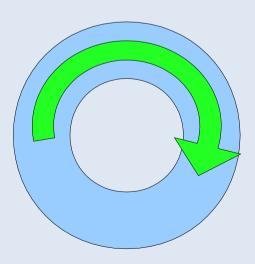
Before we start

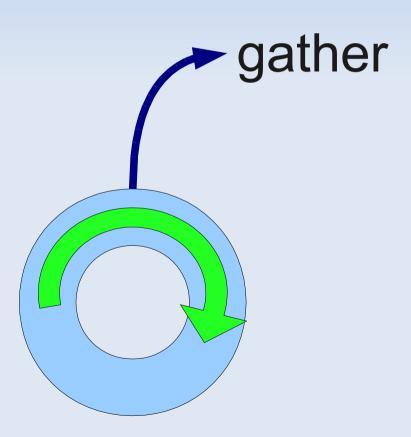
Before we start

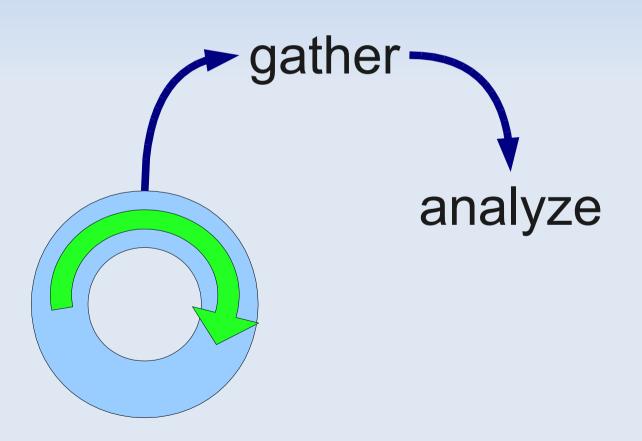
Who knows BIRT?

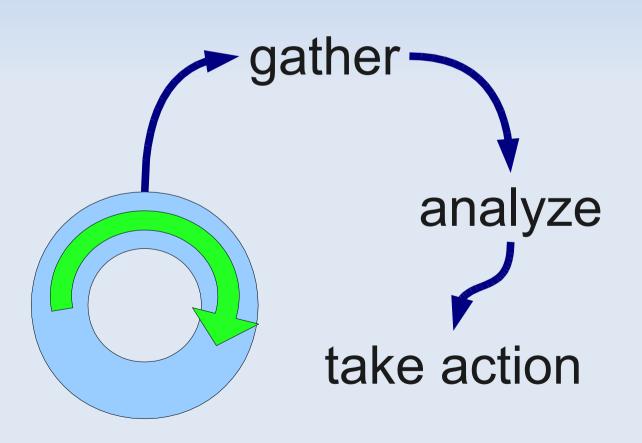
Before we start

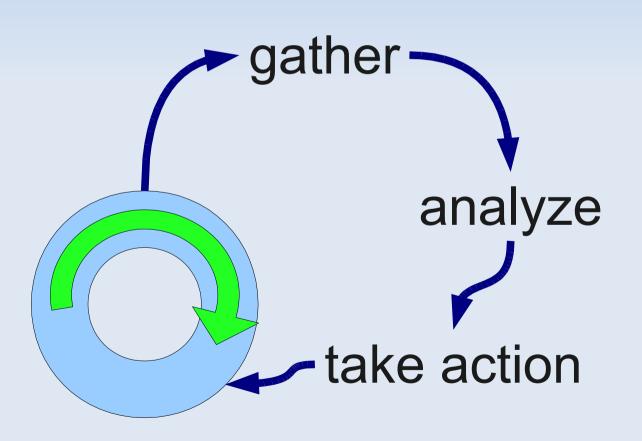
This is encouragement, not a tutorial.

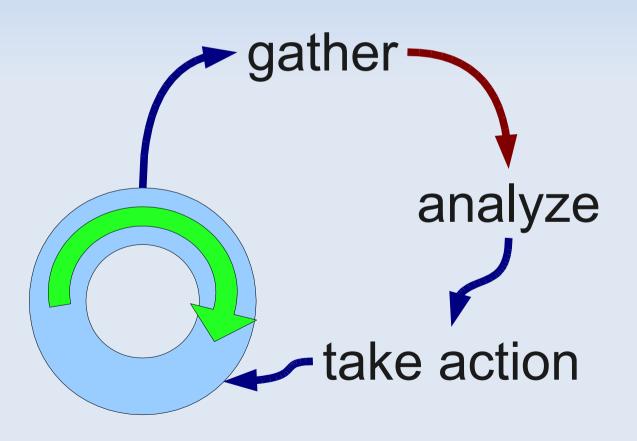












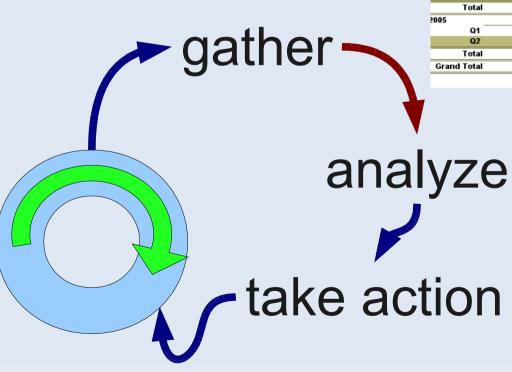


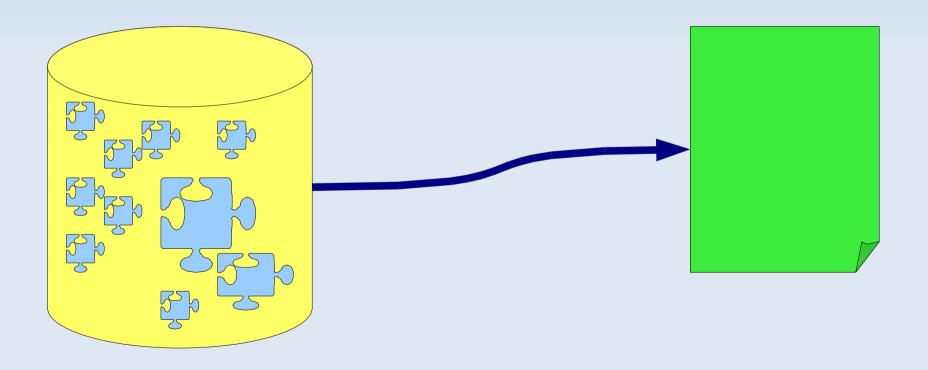


Classic Models, Inc.

701 Gateway Boulevard South San Francisco, CA 94080

Classic Cars	Trucks & Buses	Vintage Cars	Total
\$152,581	\$43,593	\$106,982	\$405,613
\$194,291	\$62,804	\$81,959	\$493,388
\$243,978	\$73,842	\$110,486	\$584,500
\$778,535	\$196,416	\$311,111	\$1,789,678
\$1,369,386	\$376,657	\$610,539	\$3,273,181
\$317,306	\$67,942	\$136,849	\$760,730
\$252,165	\$73,696	\$119,997	\$631,322
\$419,674	\$106,833	\$200,420	\$1,048,801
\$739,276	\$200,230	\$366,660	\$1,925,757
\$1,728,423	\$448,702	\$823,927	\$4,366,611
\$392,920	\$101,332	\$183,041	\$972,208
\$225,273	\$41,874	\$60,113	\$516,894
\$618,193	\$143,207	\$243,155	\$1,489,103
\$3,716,003	\$968,566	\$1,677,622	\$9,128,896
	\$152,581 \$194,291 \$243,978 \$778,535 \$1,369,386 \$317,306 \$252,165 \$419,674 \$739,276 \$1,728,423 \$392,920 \$225,273 \$618,193	\$152,581 \$43,593 \$194,291 \$62,804 \$243,978 \$773,842 \$778,535 \$196,416 \$1,369,386 \$376,657 \$317,306 \$67,942 \$252,165 \$73,696 \$419,674 \$106,833 \$739,276 \$200,230 \$1,728,423 \$448,702 \$392,920 \$101,332 \$225,273 \$41,874 \$618,193 \$143,207	\$152,581 \$43,593 \$106,982 \$194,291 \$62,804 \$81,959 \$243,978 \$73,842 \$110,486 \$778,535 \$196,416 \$311,111 \$1,369,386 \$376,657 \$610,539 \$317,306 \$67,942 \$136,849 \$252,165 \$73,696 \$119,997 \$419,674 \$106,833 \$200,420 \$739,276 \$200,230 \$366,660 \$1,728,423 \$448,702 \$823,927 \$392,920 \$101,332 \$183,041 \$225,273 \$41,874 \$60,113 \$618,193 \$143,207 \$243,155





Sample Use Case – tracking data

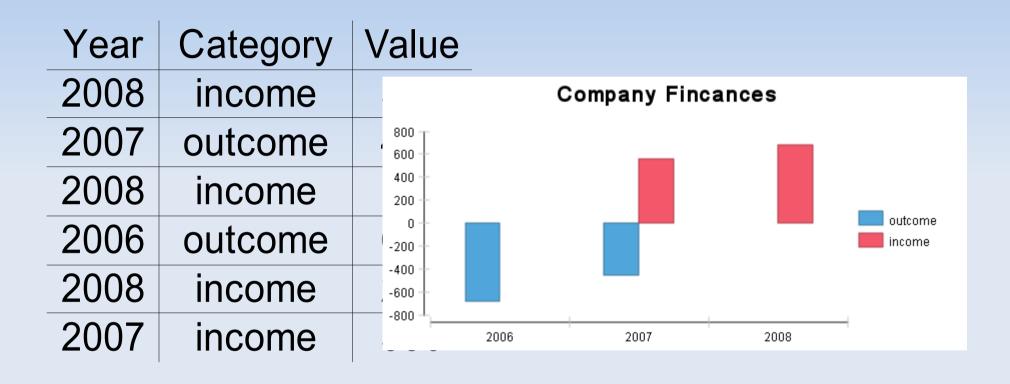
Year	Category	Value
2008	income	322
2007	outcome	456
2008	income	123
2006	outcome	678
2008	income	234
2007	income	556

Sample Use Case – tracking data

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For each year sum incomes and substract outcomes

Sample Use Case – tracking data

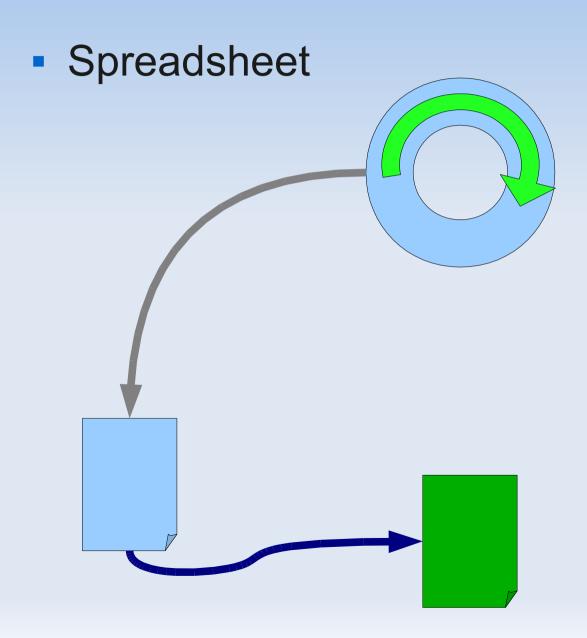


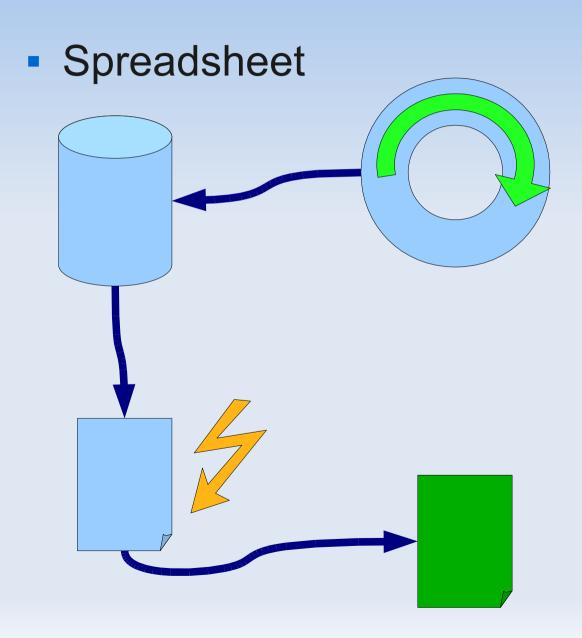
For each year sum incomes and substract outcomes

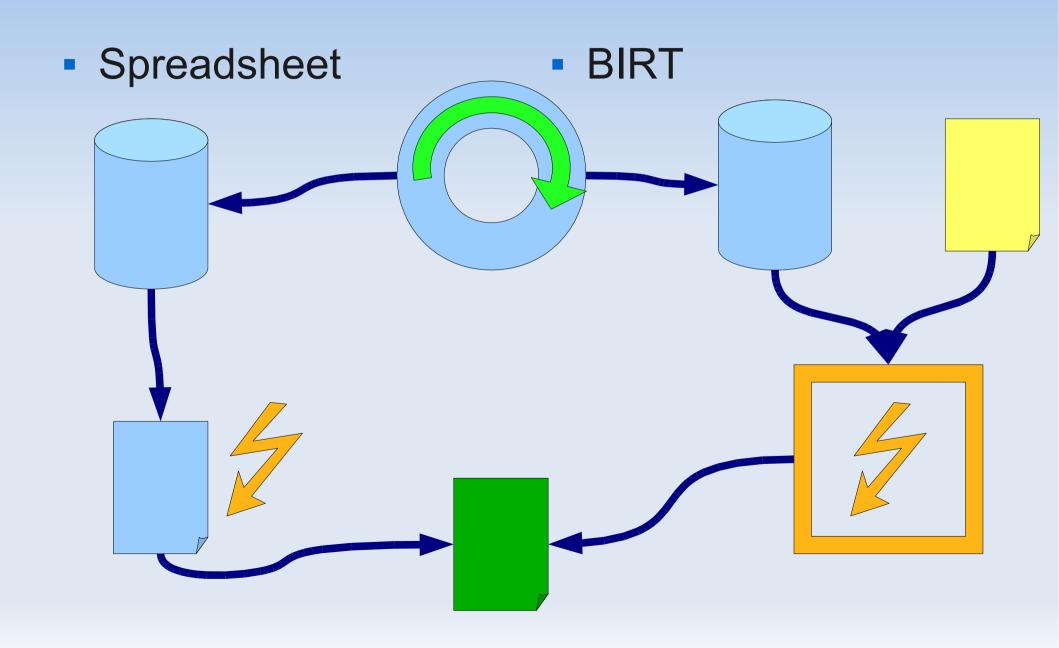
Enhanced listing

Year	Category	Value
2008	^	322
2007	→	456
2008	*	123
2006	↓	678
2008		234
2007		556

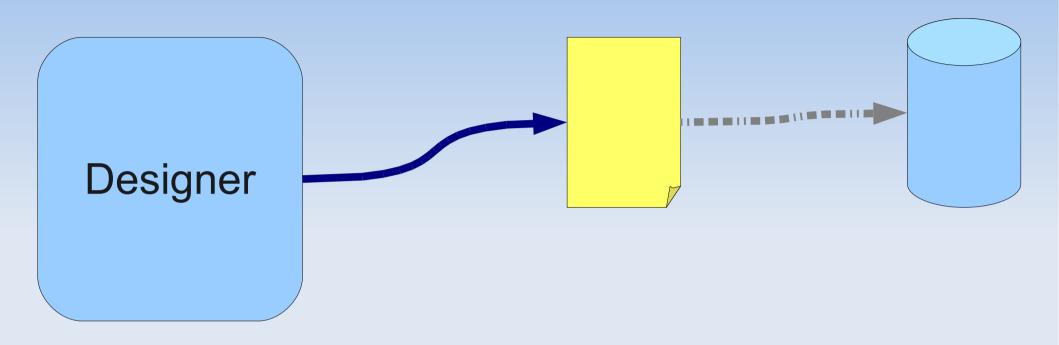
Spreadsheet can do this, too!



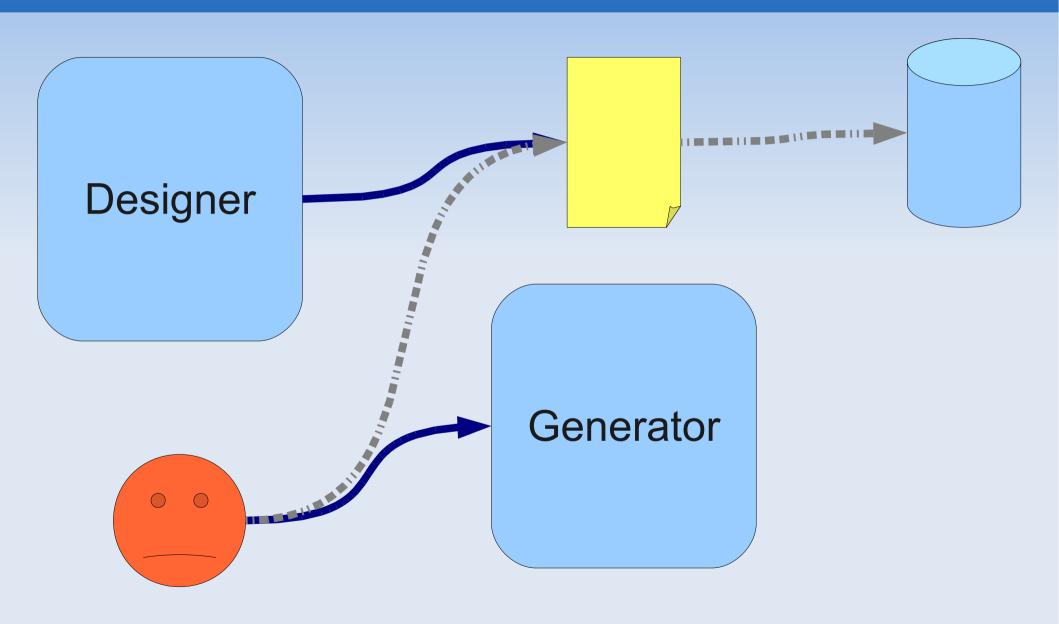




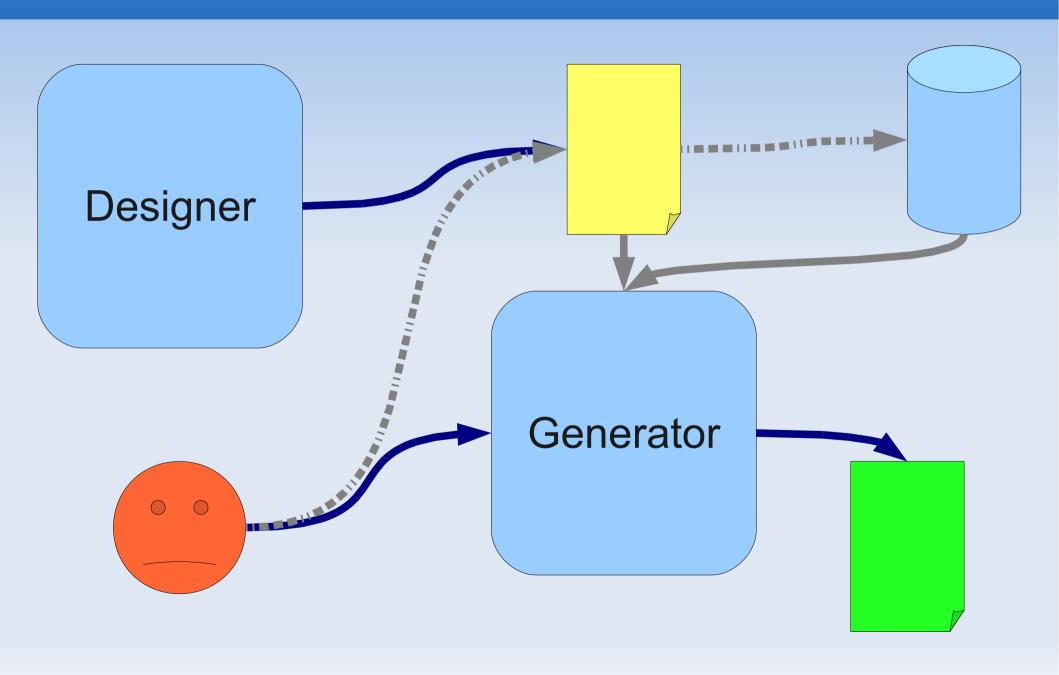
Architecture (1)



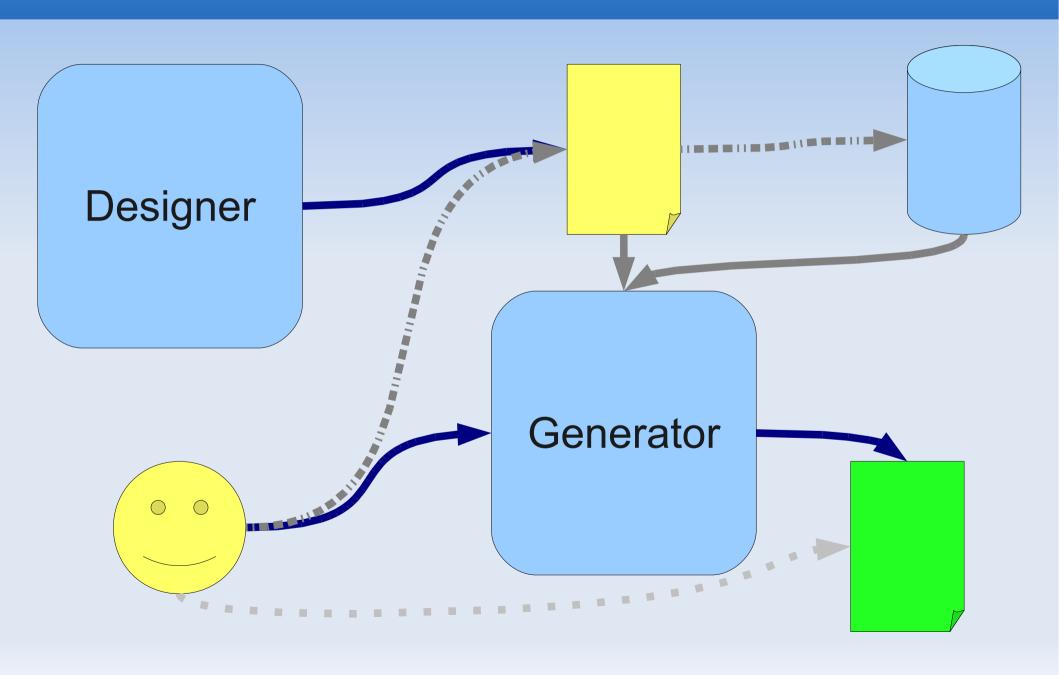
Architecture (2)



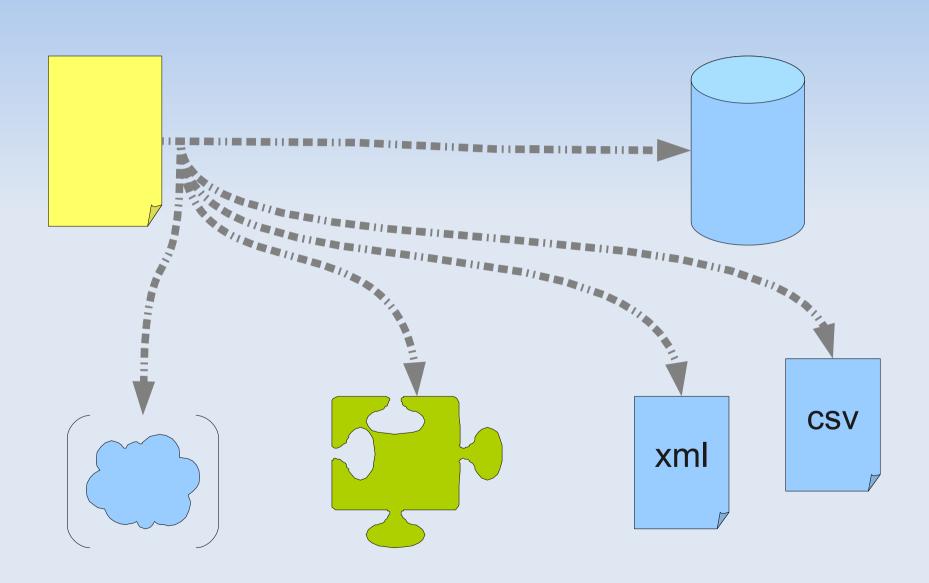
Architecture (2)



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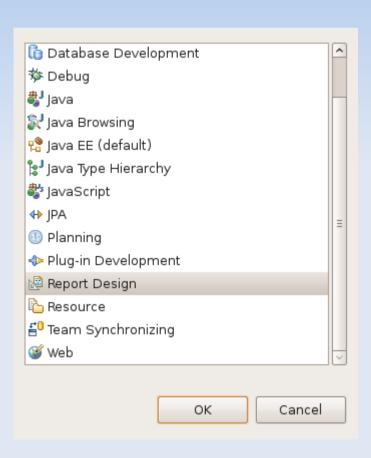


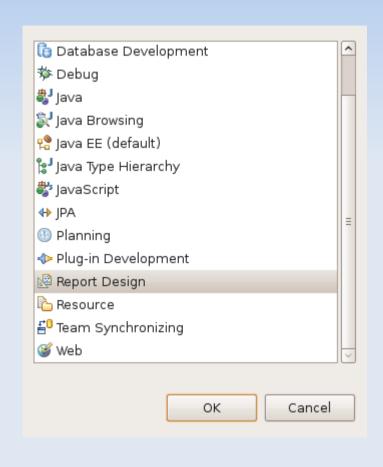
Architecture (3)

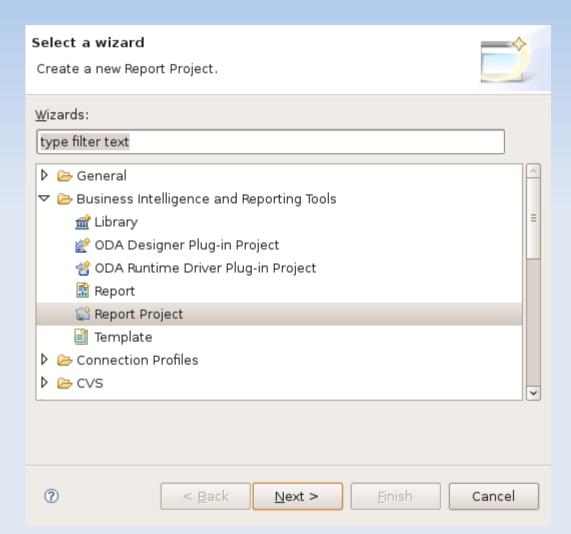


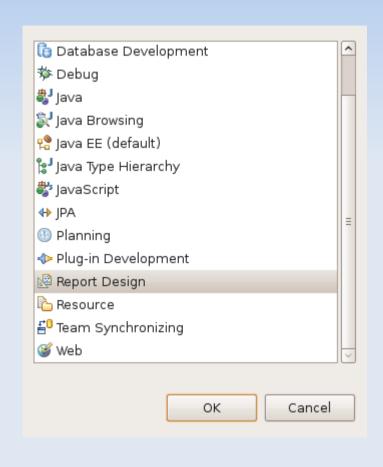
Architecture (4)

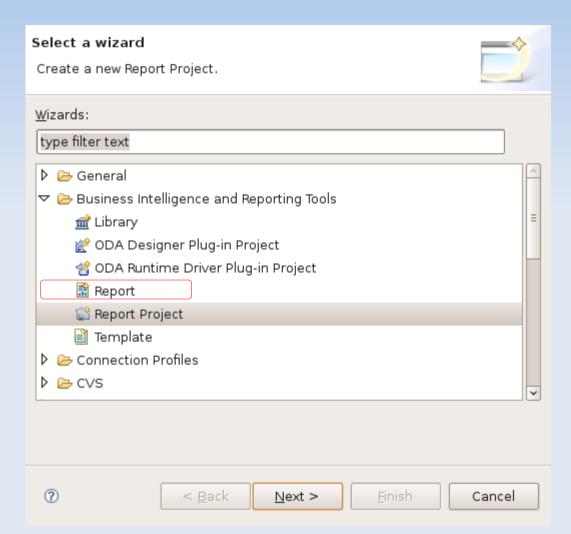
- Data Set
 - Data set is a set of rows. Each rows contains fields.
 Each field has name, type and value.
- Data Source

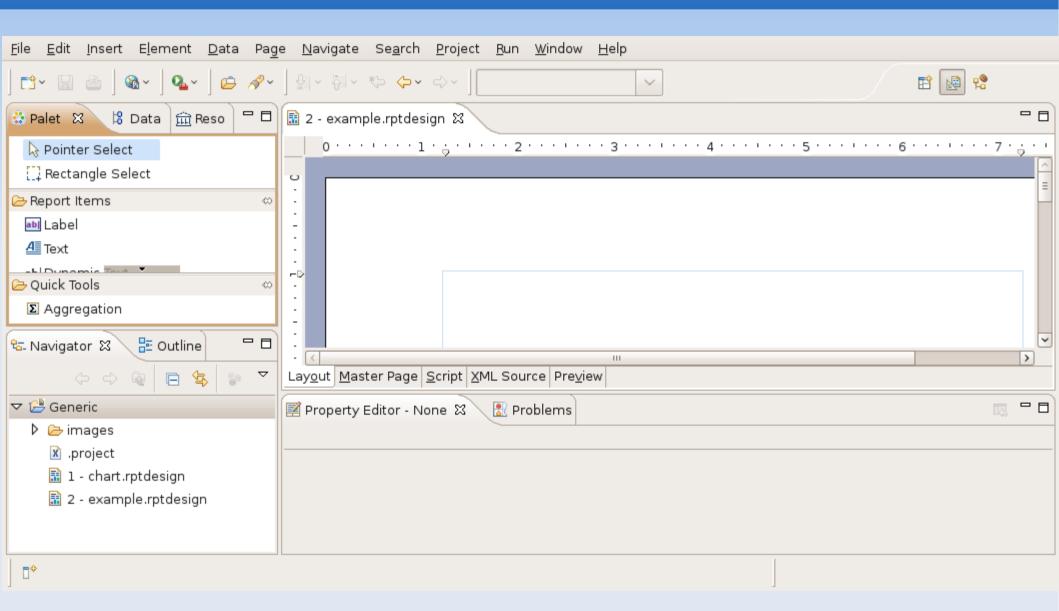


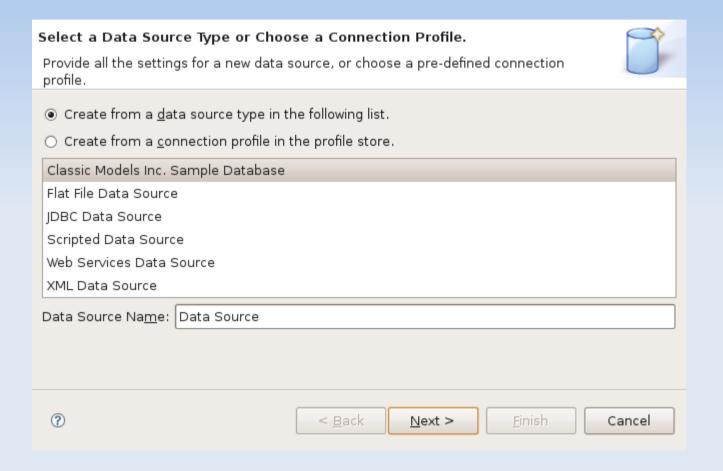


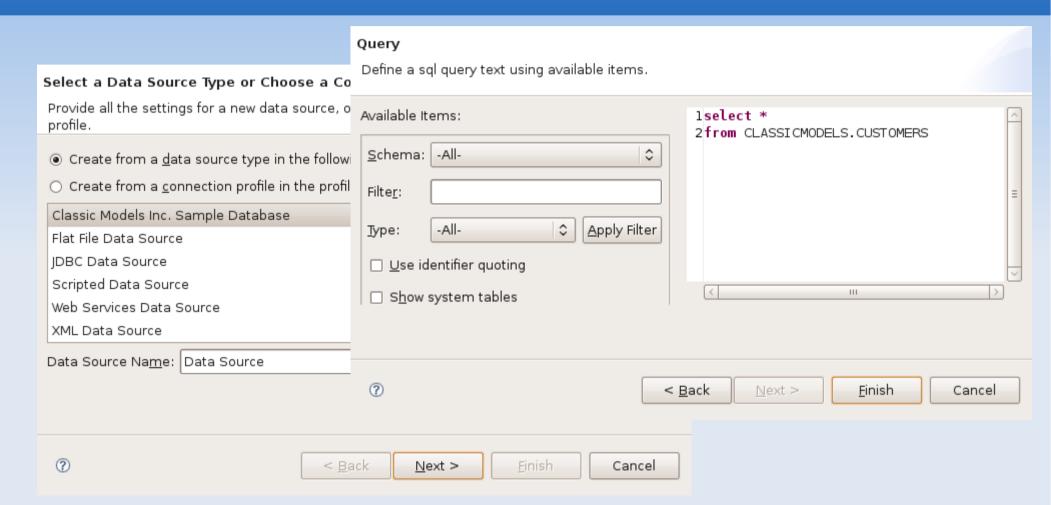


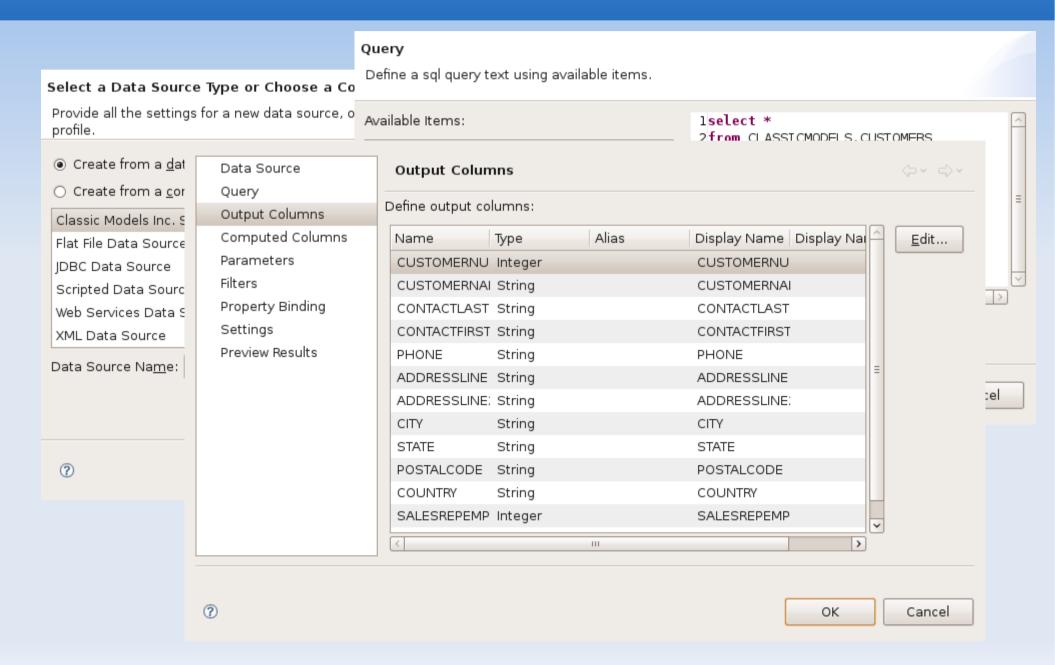


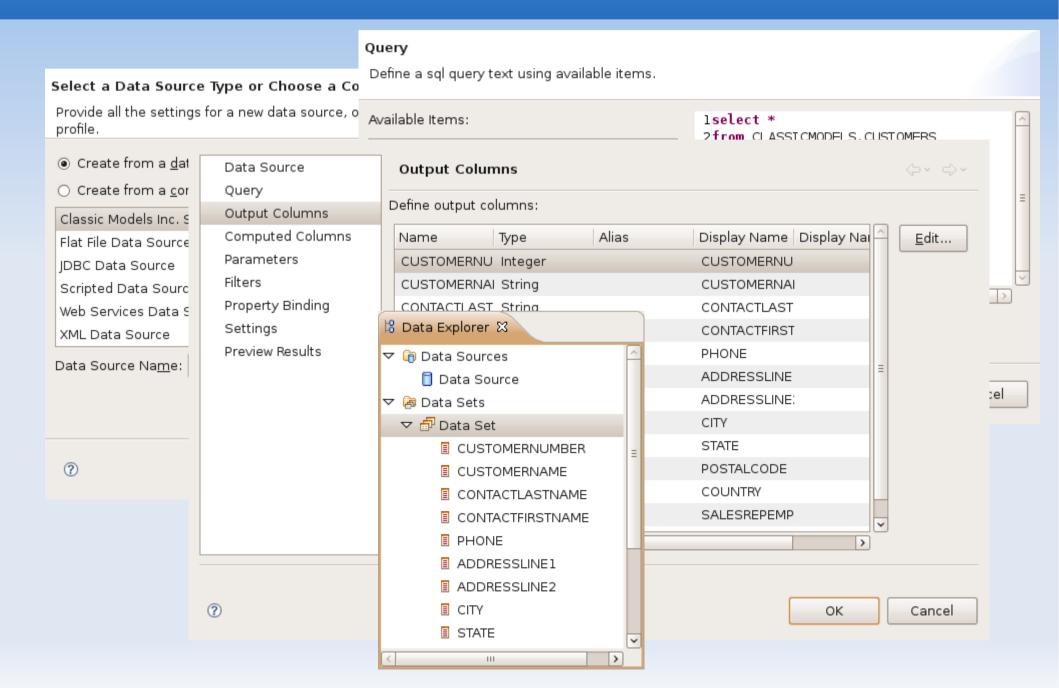






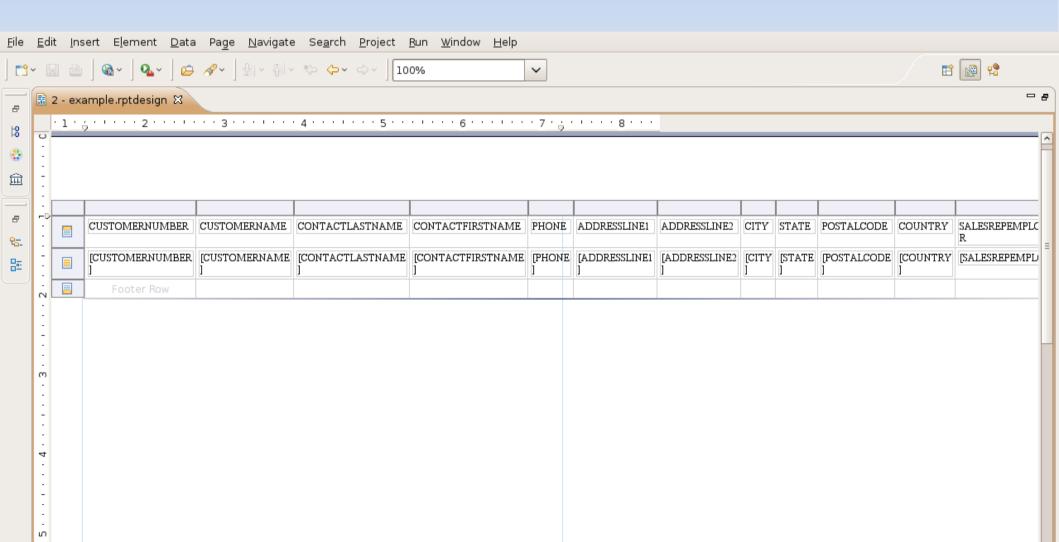






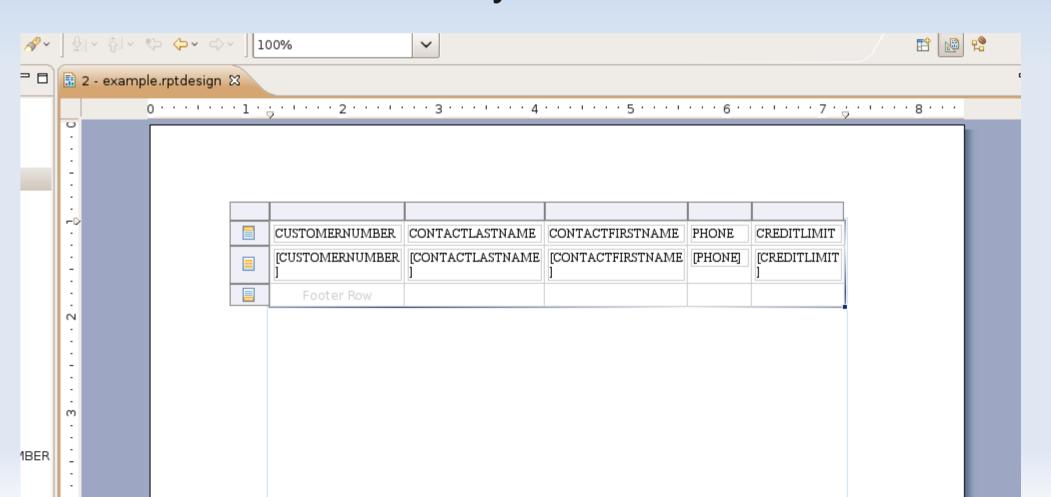
D&D Data Set

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- D&D Data Set
- Remove unnecessary columns

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- Remove unnecessary columns
- Use grouping (right click on the row, insert group)

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- Remove unnecessary columns
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CUSTOMERNUMBER	CONTACTLASTNAME	CONTACTFIRSTNAME	PHONE	CREDITLIMIT
[CITY]				
[CUSTOMERNUMBER]	[CONTACTLASTNAME]	[CONTACTFIRSTNAME]	[PHONE]	[CREDITLIMIT
roup Footer Row (CIT				
Footer Row				

- D&D Data Set
- Remove unnecessary columns
- Use grouping (right click on the row, insert group)
- Use formatting (property editor)

- D&D Data Set
- Remove unnecessary columns
- Use grouping (right click on the row, insert group)
- Use formatting (property editor)
- Use mapping and highlighting

- D&D Data Set
- Remove unnecessary columns
- Use grouping (right click on the row, insert group)
- Use formatting (property editor)
- Use mapping and highlighting
- Use charts and images

