

Interactive Reporting with Eclipse BIRT

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Product Manager, Actuate



- Background
- The Emergence of the BIRT Project
- BIRT Architecture
- Getting to Know BIRT: Demo
- BIRT Design Gallery
- Summary



Purchase
Orders

Account
Transaction Histories

Budget
Variance

Supplier
Status

Sales
Commission

Online and
Printed
Statements

Daily Work
Order
Task Lists

Shipping
Manifests

Invoices

Defect
Tracking

Network
Outage
Frequency

Assets
Under
Management

Deviation from
Service Level
Objectives

Utility
Bills

360°
Customer
Views

Sales
Commissions

Website
Traffic Analysis

Most applications have some type of data visualization need...

And the simple problems are easy, but...

Real-world data visualization is challenging...

- *Gather the data*
- *Perform calculations, sort, group, aggregate, total...*
- *Present information professionally*

...and meeting user demand is crucial to the success of an application

Actuate Launches the BIRT Project

Actuate proposed and started

BIRT

*Business Intelligence
and Reporting Tools Project*

... a top-level Eclipse project

Professional open source
*Primary development resources
funded by Actuate*

Contributions from many sources
IBM, Innovent Solutions and community

Actuate Joins
Eclipse Foundation
as Strategic Developer
and Board Member

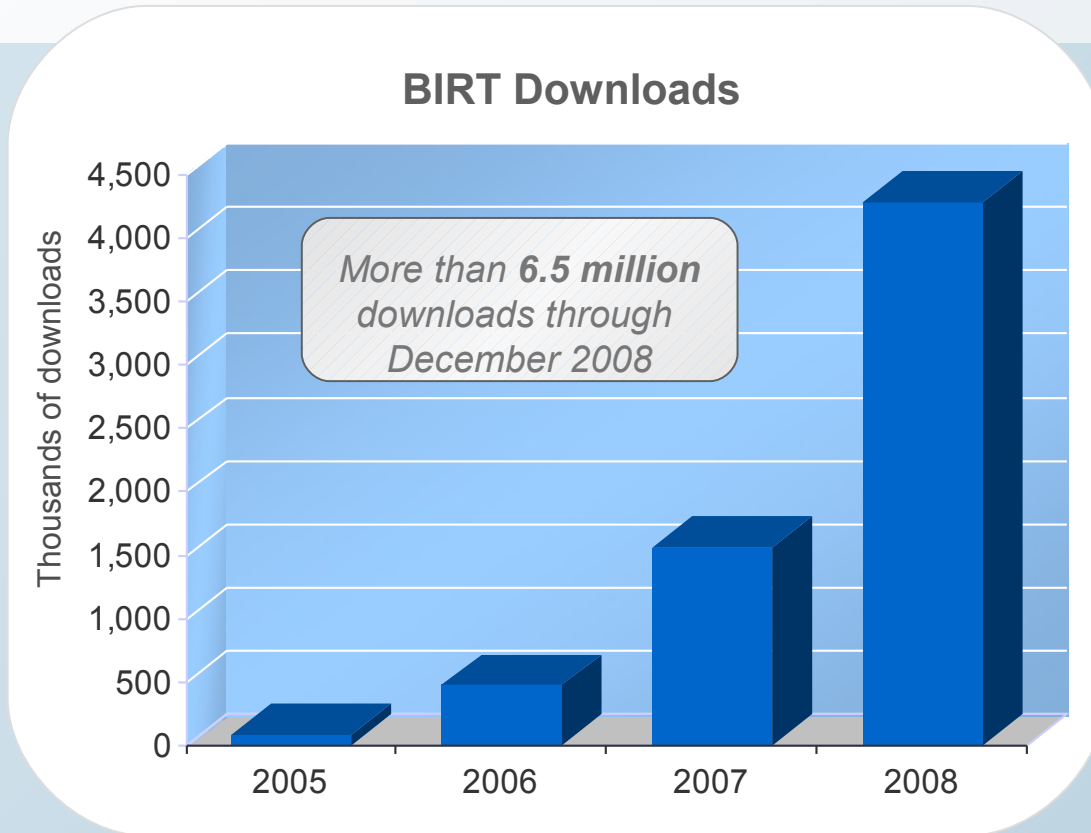
*Adds BI and Reporting
as Open Source Project*



AUGUST
2004

BIRT Momentum

Downloads



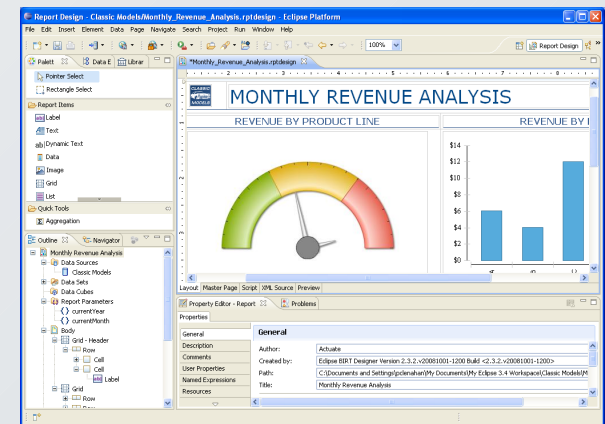
“BIRT is one of the top 10 most downloaded commercially supported open source applications and has a tremendous growth curve over the last two years.”

Andrew Aitken,
Managing Partner,
Olliance Group

BIRT technology is tried and tested in many applications

A New Generation of Data Visualization Technology

- Makes all data-driven content development easy
- Modern, web-page design metaphor
- Open and standards-based
- Flexible with rich programmatic control
- Full support for libraries and reuse
- Foundation for a range of solutions



Simplicity

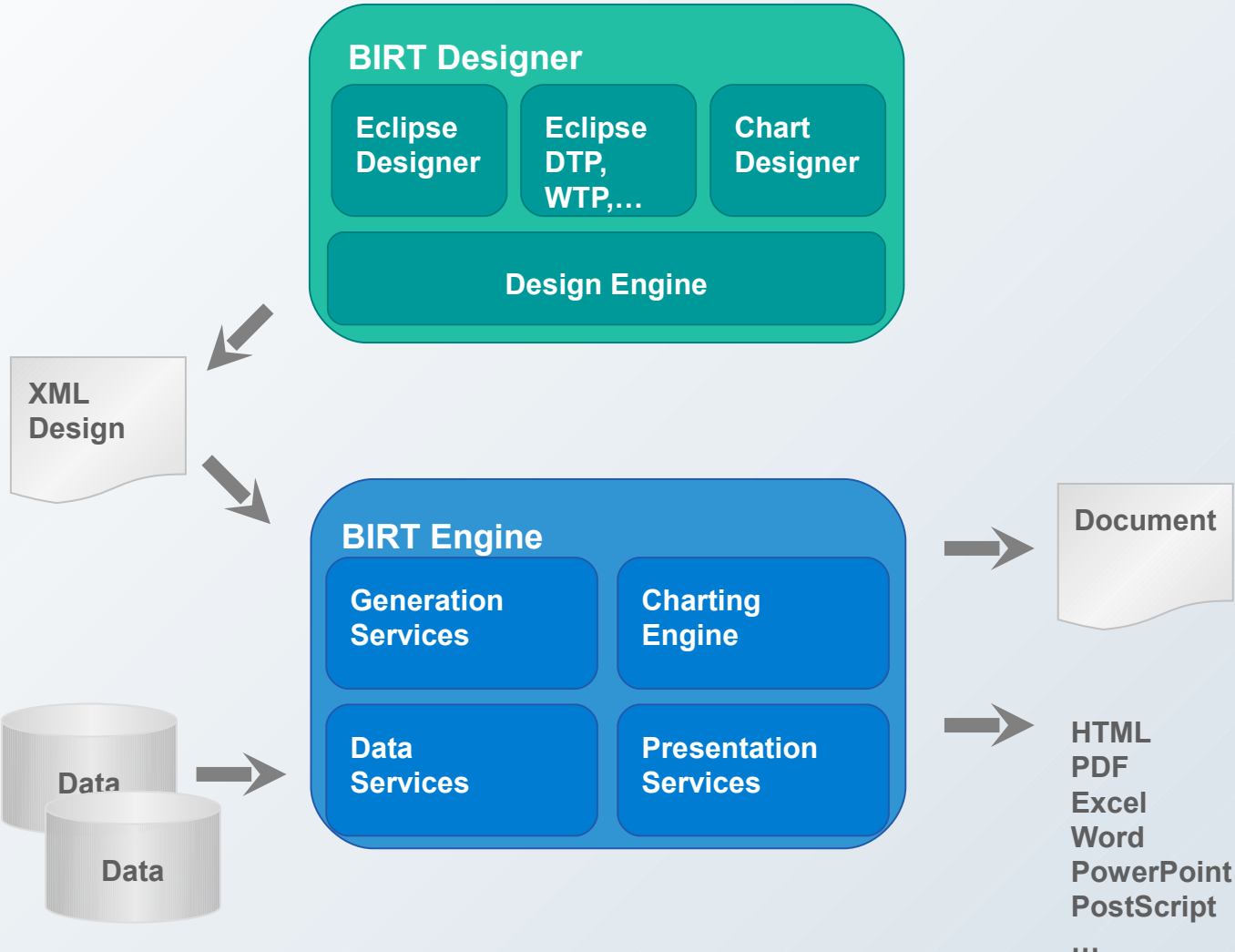
*that makes
simple
layouts easy*

BIRT

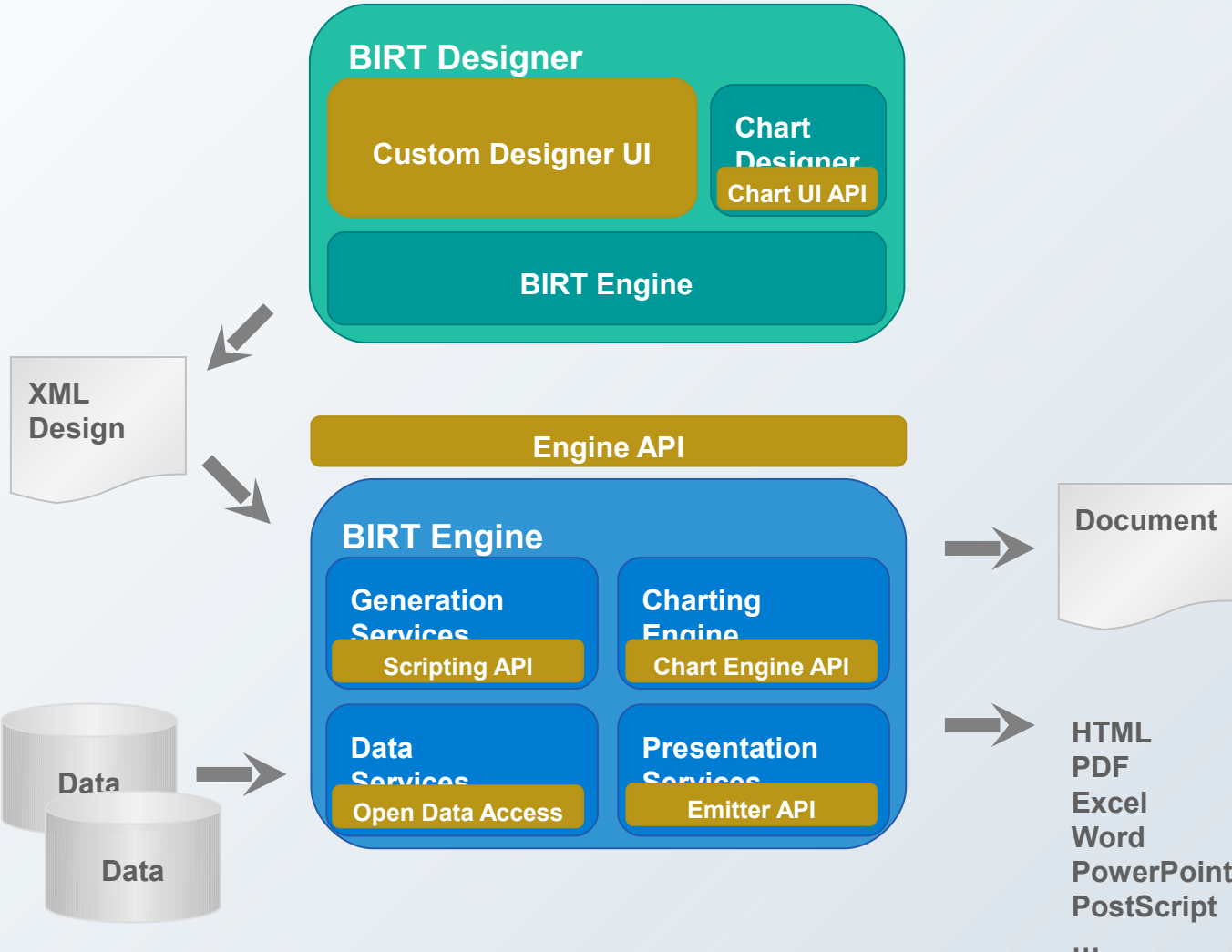
Power

*to create
very complex
layouts*

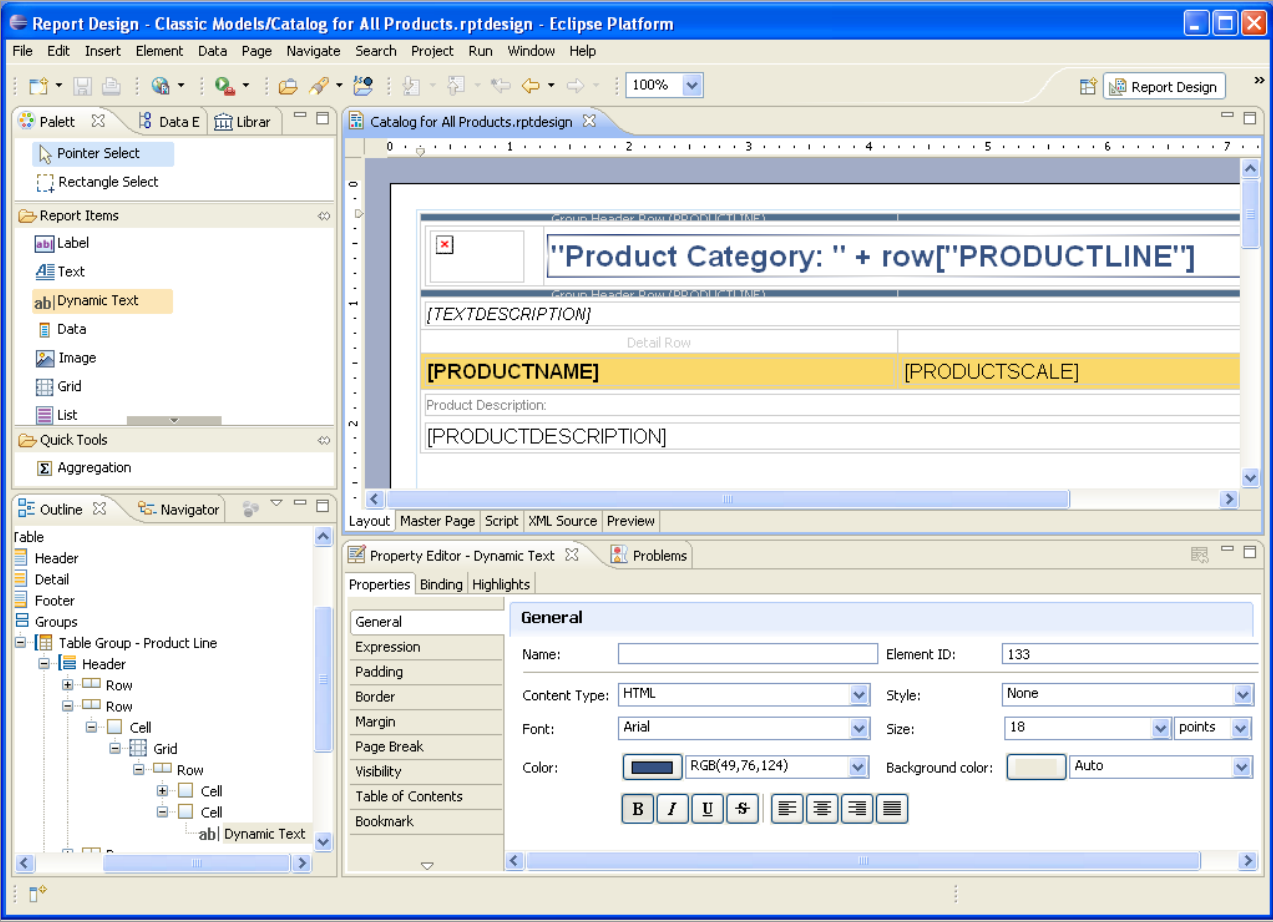
High-Level BIRT Architecture




High Level BIRT Architecture: APIs



Getting to Know BIRT

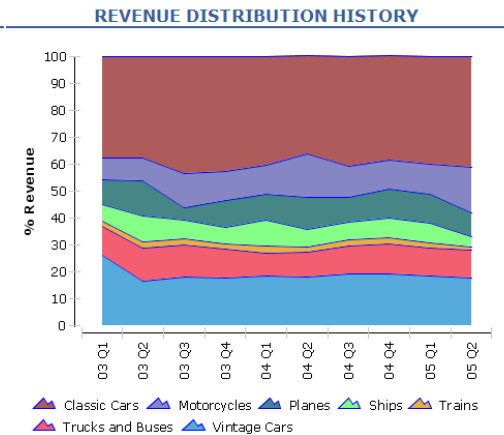
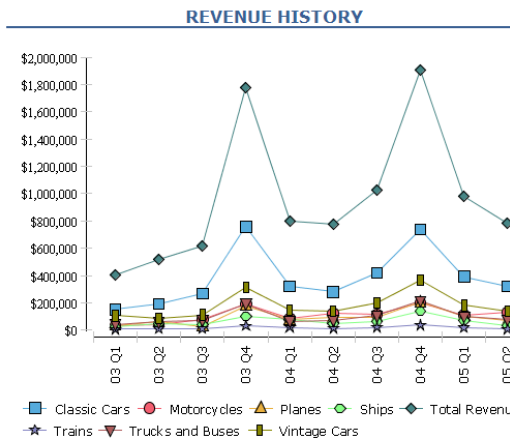


	Classic Models, Inc 2207 Bridgepointe Parkway San Mateo, CA 94404	Sales by Customer	
Customer:	Atelier graphique - 103	Payment:	\$22,314.36
Order Number:	10123		
Order Date:	May 20, 2003 12:00 AM	Shipped Date:	May 22, 2003 12:00 AM
Product Code	Product Name	Orders	Price Each
S18_1589	1965 Aston Martin DB5	26	\$120.7
S18_2870	1999 Indy 500 Monte Carlo SS	46	\$114.84
S18_3685	1948 Porsche Type 356 Roadster	34	\$117.24
S24_1628	1966 Shelby Cobra 427 S/C	50	\$43.2
Order Number:	10298		
Order Date:	Sep 27, 2004 12:00 AM	Shipped Date:	Oct 1, 2004 12:00 AM
Product Code	Product Name	Orders	Price Each
S10_2016	1996 Moto Guzzi 1100i	39	\$105.84
S18_2625	1936 Harley Davidson El Knucklehead	32	\$60.5
Order Number:	10345		
Order Date:	Nov 25, 2004 12:00 AM	Shipped Date:	Nov 26, 2004 12:00 AM
Product Code	Product Name	Orders	Price Each
S24_2022	1938 Cadillac V-16 Presidential Limousine	43	\$38.9
			Total Price:

Charts and Tables

 Classic Models, Inc
2207 Bridgepointe Parkway
San Mateo, CA 94404

Revenue History by Product Line



REVENUE BY CUSTOMER

Quarter	Product Line	Customer	Revenue
03 Q1			
	Classic Cars		
		Cruz & Sons Co.	\$40,232
		Motor Mint Distributors Inc.	\$25,833
		AV Stores, Co.	\$25,306
		Euro+ Shopping Channel	\$22,003
		Danish Wholesale Imports	\$18,941
		Baane Mini Imports	\$14,549
		Volvo Model Replicas, Co	\$5,718
	Motorcycles		
		Land of Toys Inc.	\$22,293

Listing with Groups and Sub-Totals

CLASSIC MODELS



Classic Models, Inc.

701 Gateway Boulevard
South San Francisco, CA 94080

Annual Sales By Product Lines

Year	Classic Cars	Motorcycles	Planes	Ships	Trains	Trucks & Buses	Vintage Cars	Total
2003								
Q1	\$152,581	\$33,062	\$37,136	\$24,446	\$7,810	\$43,593		
Q2	\$194,291	\$41,629	\$50,387	\$50,171	\$12,144	\$62,804		
Q3	\$243,978	\$79,845	\$45,047	\$24,272	\$7,027	\$73,842		
Q4	\$778,535	\$194,372	\$168,251	\$102,153	\$38,839	\$196,416		
Total	\$1,369,386	\$348,909	\$300,822	\$201,044	\$65,822	\$376,657		
2004								
Q1	\$317,306	\$85,681	\$65,159	\$66,762	\$21,028	\$67,942		
Q2	\$252,165	\$80,101	\$69,780	\$30,719	\$4,862	\$73,696		
Q3	\$419,674	\$127,310	\$105,973	\$66,859	\$21,728	\$106,833		
Q4	\$739,276	\$234,150	\$204,551	\$141,609	\$39,278	\$200,230		
Total	\$1,728,423	\$527,243	\$445,464	\$305,951	\$86,897	\$448,702		
2005								
Q1	\$392,920	\$112,384	\$103,702	\$60,591	\$18,235	\$101,332		
Q2	\$225,273	\$128,874	\$35,870	\$20,812	\$4,076	\$41,874		
Total	\$618,193	\$241,259	\$139,573	\$81,404	\$22,311	\$143,207		
Grand Total	\$3,716,003	\$1,117,412	\$885,859	\$588,400	\$175,030	\$968,566		

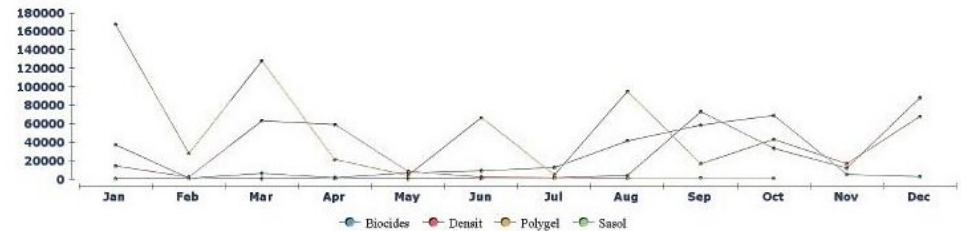
Crosstab and Charts

Inventory Turn Trend

Jan 01, 08 to Dec 31, 08

Report Description : This report shows the inventory issue turn rate for each Business Unit and Facility by month.

Inventory Turn Trend by Month for Business Unit



Inventory Turn Trend by Month for Facilities of BU: Biocides

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MAG	0	0	0	2	0	6	8	0	0	0	0	0	17
MFC	777	270	94	186	6095	3077	2003	35690	21033	16489	265	1878	87857
MHP	69	365	5076	36	122	5099	9214	4414	3950	42583	0	717	71644
MSF	35838	52	620	1412	40	345	926	489	32943	9155	4373	0	86194
MWG	287	460	276	19	338	319	124	664	223	210	0	0	2921
Total	36971	1148	6066	1655	6596	8847	12275	41256	58149	68436	4638	2595	248632

Crosstabs

Assignment Manager Monthly Format

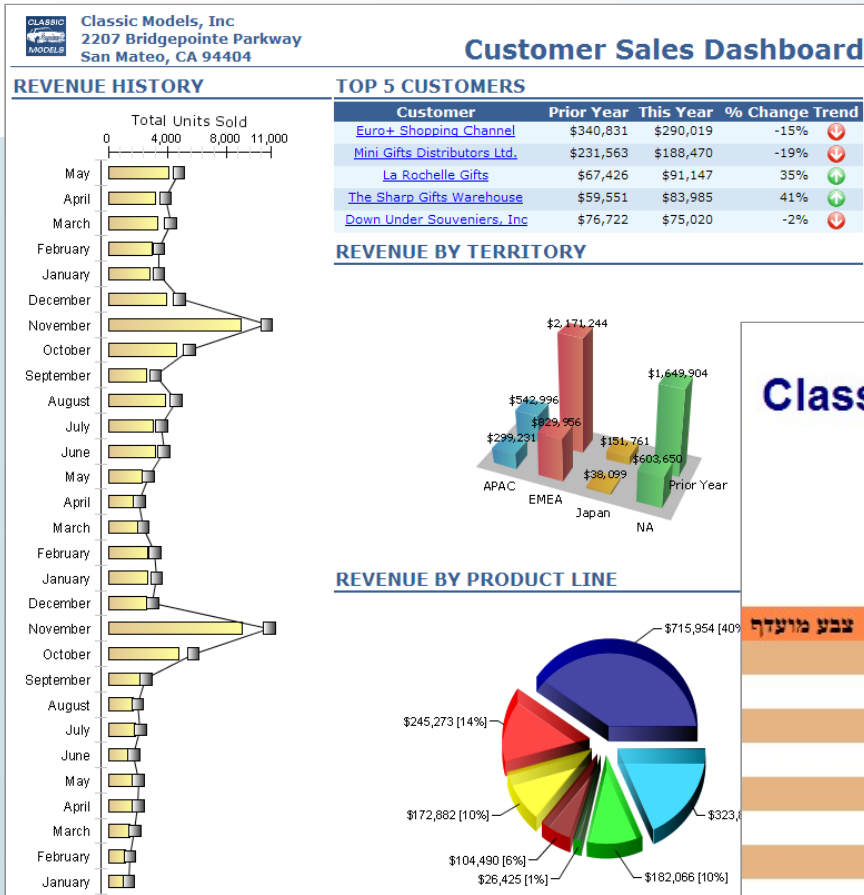
Labor: BARRY
Month: JANUARY
Year: 2008

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1	2	3	4	5
			8:39 AM 1000 Relocate Guard Rails Around Compressor	7:00 AM 1000 Relocate Gu		
6	7	8	9			
13	14	15	16			
20	21	22	23			
27	28	29	30			

Calendar / Schedule

Forms

FORM 4							OASIS APPROVAL		
<input type="checkbox"/> Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See instructions (8).							OASIS Number: 3335-0327 Expires: January 31, 2008 Estimated average burden hours per response: 0.5		
UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(b) of the Investment Company Act of 1940									
(Print or Type Responses)									
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Date, if (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transactions (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Beneficial Ownership (Instr. 4)		
1. Name and Address of Reporting Person*		2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
Signal Collectible: Ltd.		S12_4473		<input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)					
(Last) (First) (Middle)		3. Date of Earliest Transaction (Month/Day/Year)		Shipped					
2793 Furth Circle		10 Feb 2004 00:00							
(Street)		4. If Amendment, Date of Original Filed (Month/Day/Year)		6. Individual or Joint/Group Filing (Check applicable line)					
Brisbane, CA - 94217				<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person					
(City)		(State)		(Zip)		Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned			
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Date, if (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transactions (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Beneficial Ownership (Instr. 4)		
103	19 Oct 2004 00:00	19 Oct 2004 00:00	HQ336336	6066.78	6066.78				
103	5 Jun 2003 00:00	5 Jun 2003 00:00	JMS55205	14571.44	14571.44				
103	18 Dec 2004 00:00	18 Dec 2004 00:00	OM314933	1676.14	1676.14				



Dashboards

Multi-Language and Bi-Directional

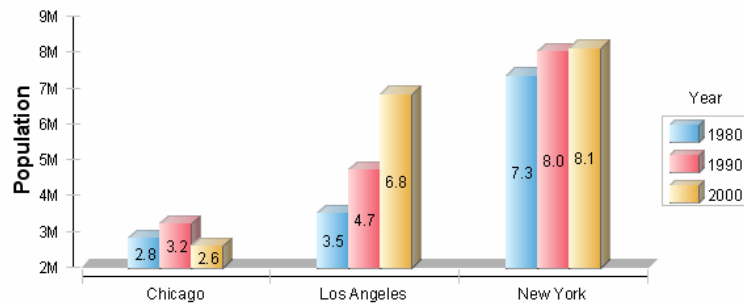
Classic Models, Inc.

קרית מדע 11, יחשלים
תוצאות הסקר

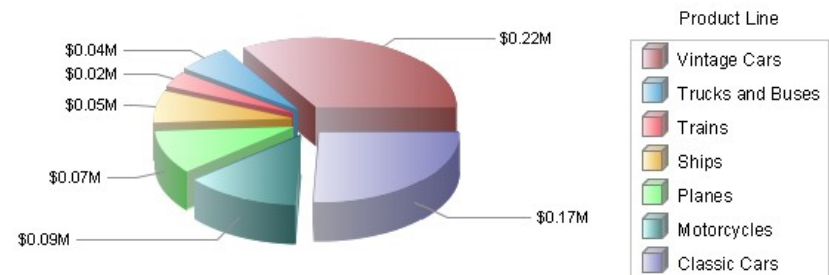


שם הלקוח	דגם מועדף	צבע מועדף
ANG Resellers	1300 רנו אלפין	אדום
AV Stores, Co.	הרלי דוידסון	כחול
Alpha Cognac	פורד פלקון	כתום
American Souvenirs Inc.	פורד מוסטנג	ירוק
Amica Models & Co.	קורוואיר מונזה	כחול
Anna's Decorations, Ltd.	קורוואיר מונזה	צהוב
Anton Designs, Ltd.	1300 רנו אלפין	לבן
Asian Adventures, Inc.	קורוואיר מונזה	זהוב
Asian Shopping Network, Co	דוג' צ'ארג'ר	סגול
Asian Treasures, Inc.	קורוואיר מונזה	אדום
Atelier graphique	אלפא רומיאו GTA	כסוף

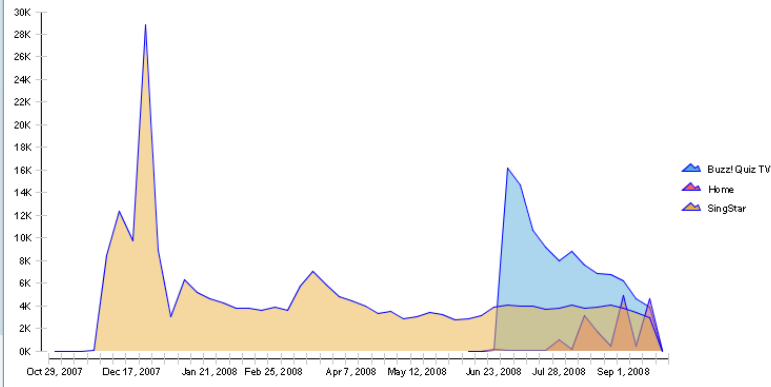
Demographics Trend by City



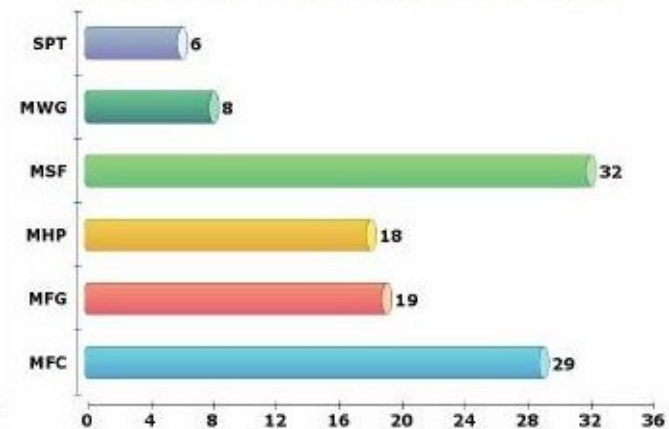
Total Sales By Product Line



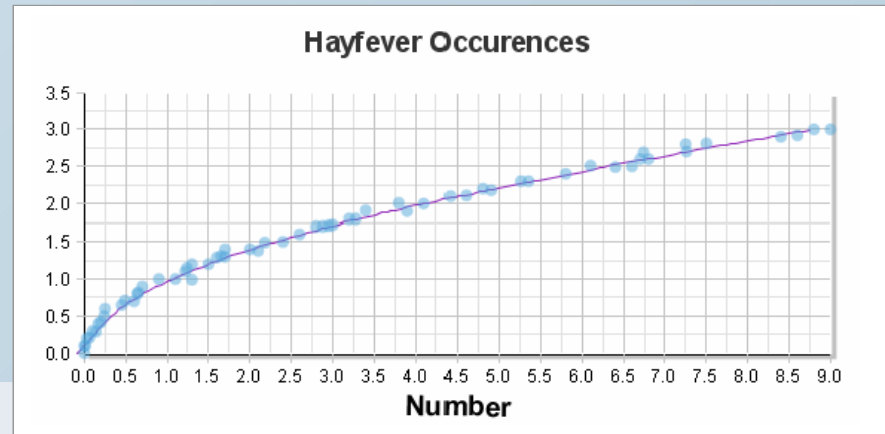
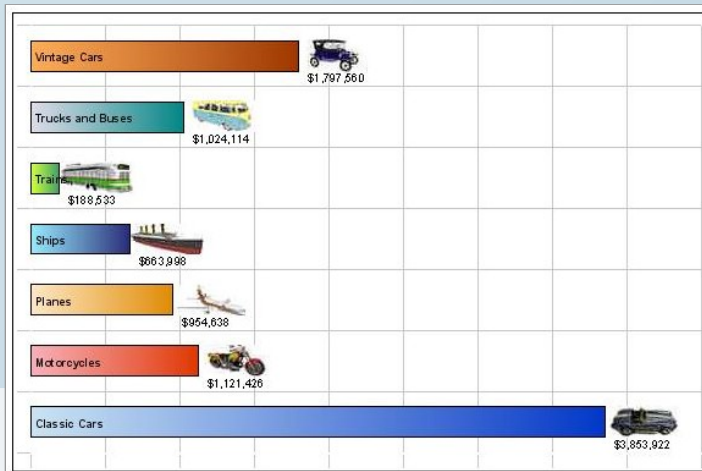
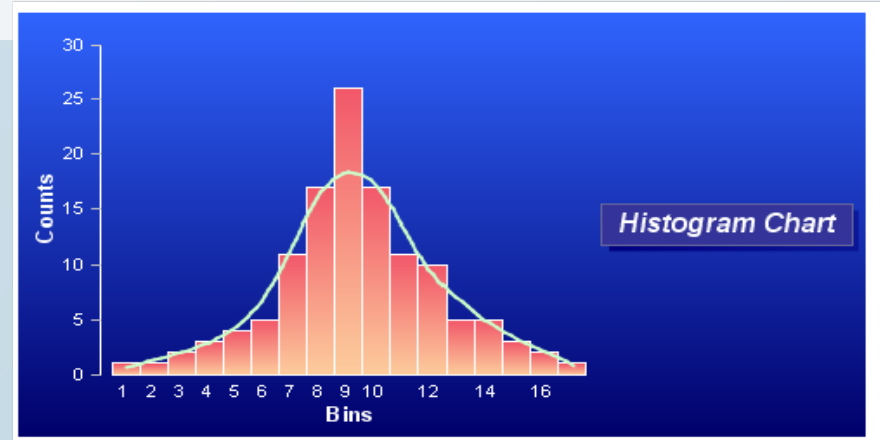
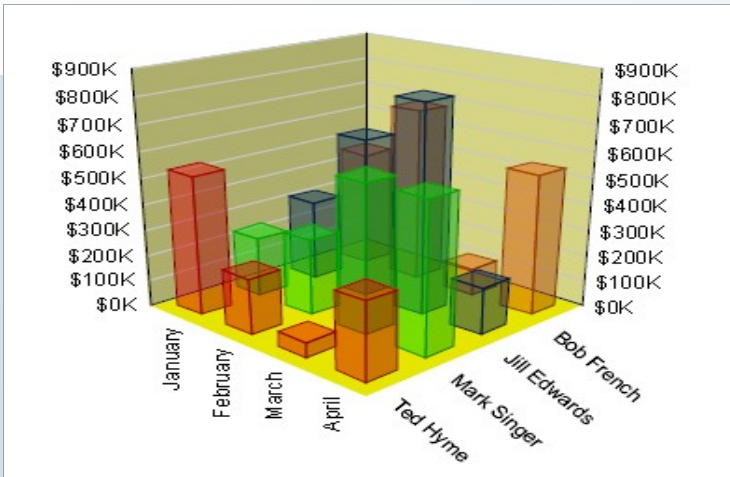
New Users by Week by Title



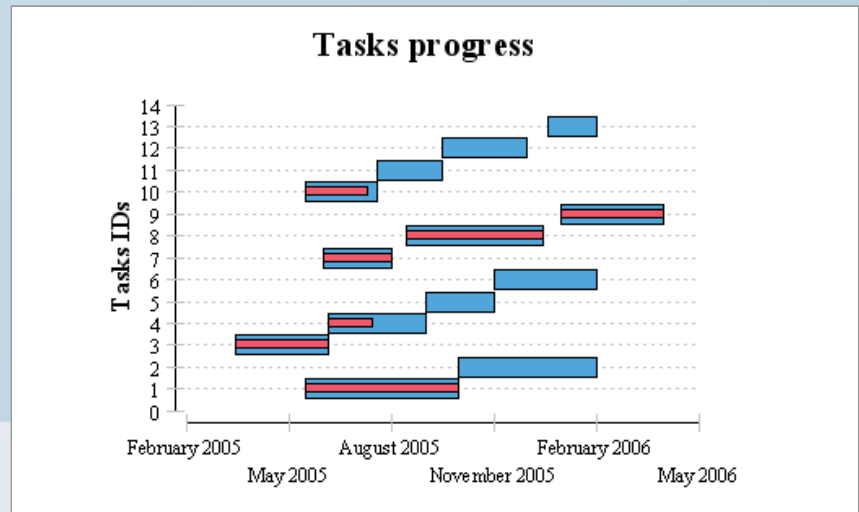
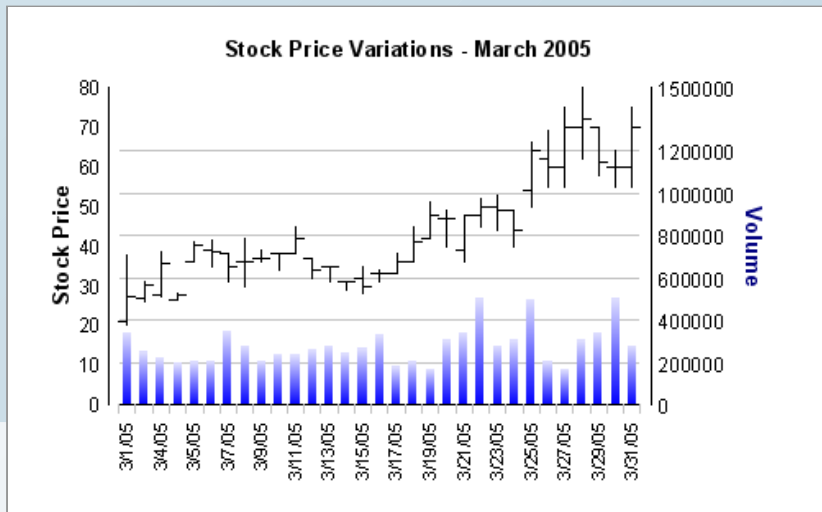
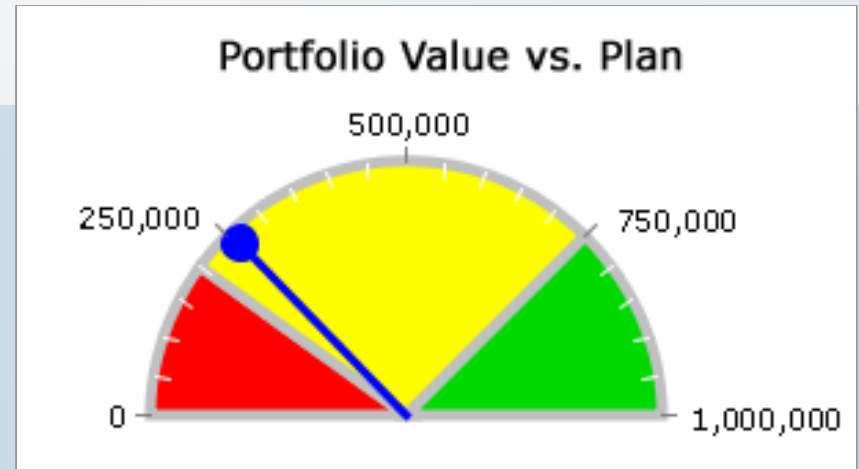
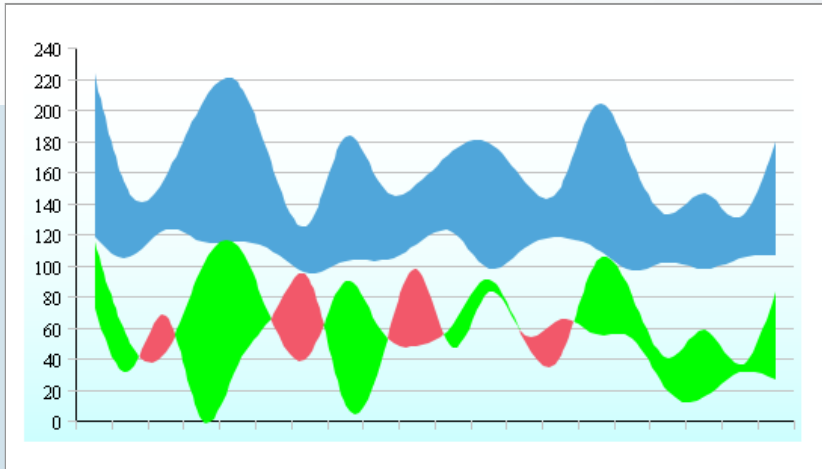
of Past Due POs by Facility for BU : Biocides



BIRT Chart Gallery



BIRT Chart Gallery

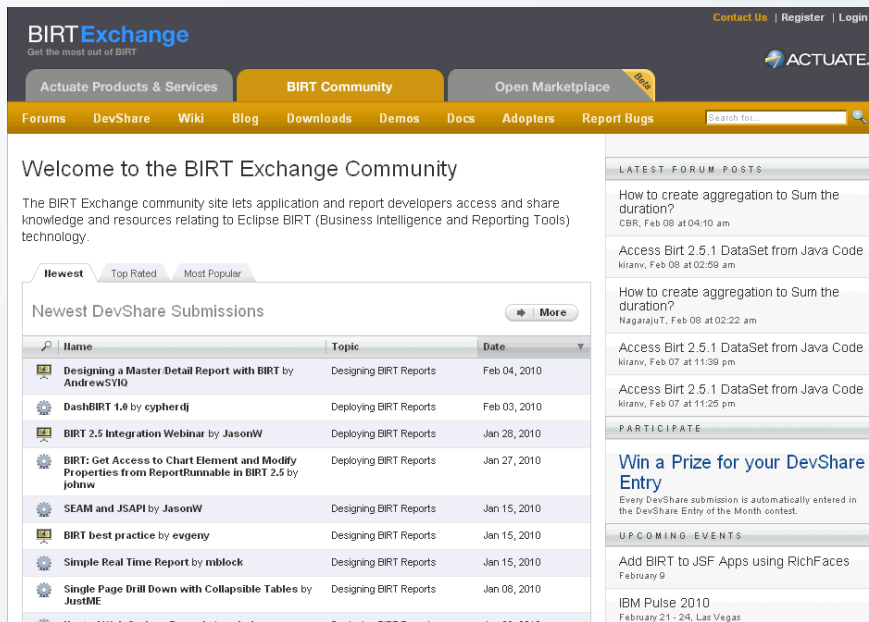


Resources

BIRT Exchange Community Site

Centralized hub for BIRT developers

- Access demos, tutorials, tips and techniques, documentation...
- Enables developers to be more productive and build applications faster
- Marketplace for applications



www.birt-exchange.org

Explore

- Search/sort
- Rate, comment
- Forums

Download

- Documentation
- Software
- Examples

Contribute

- BIRT designs, code
- Technical tips
- Applications

A New Generation of Data Visualization Technology

- Top-level Eclipse project
- Powerful, extensible data visualization technology
- Easy-to-use, web-centric design metaphor
- Very active community with more than 6.5 million downloads
- Actuate extends and complements BIRT with value-added technology



Interactive Reporting with Eclipse BIRT

Q & A

