

BIEE 11G 培训

主题：BI Publisher

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BI Publisher



■ BI Publisher企业架构

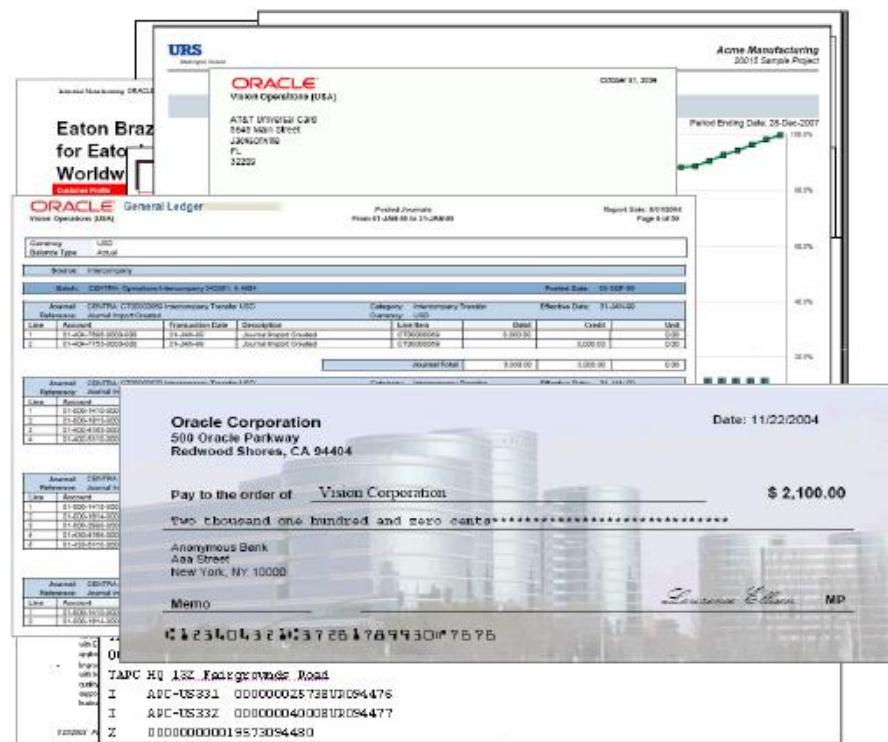
■ 更多特性

- 执行计划
- 样式模板
- 与BIEE 集成
- Jdeveloper/ADF 集

■ 数据模型构建器

■ 布局模板构建器

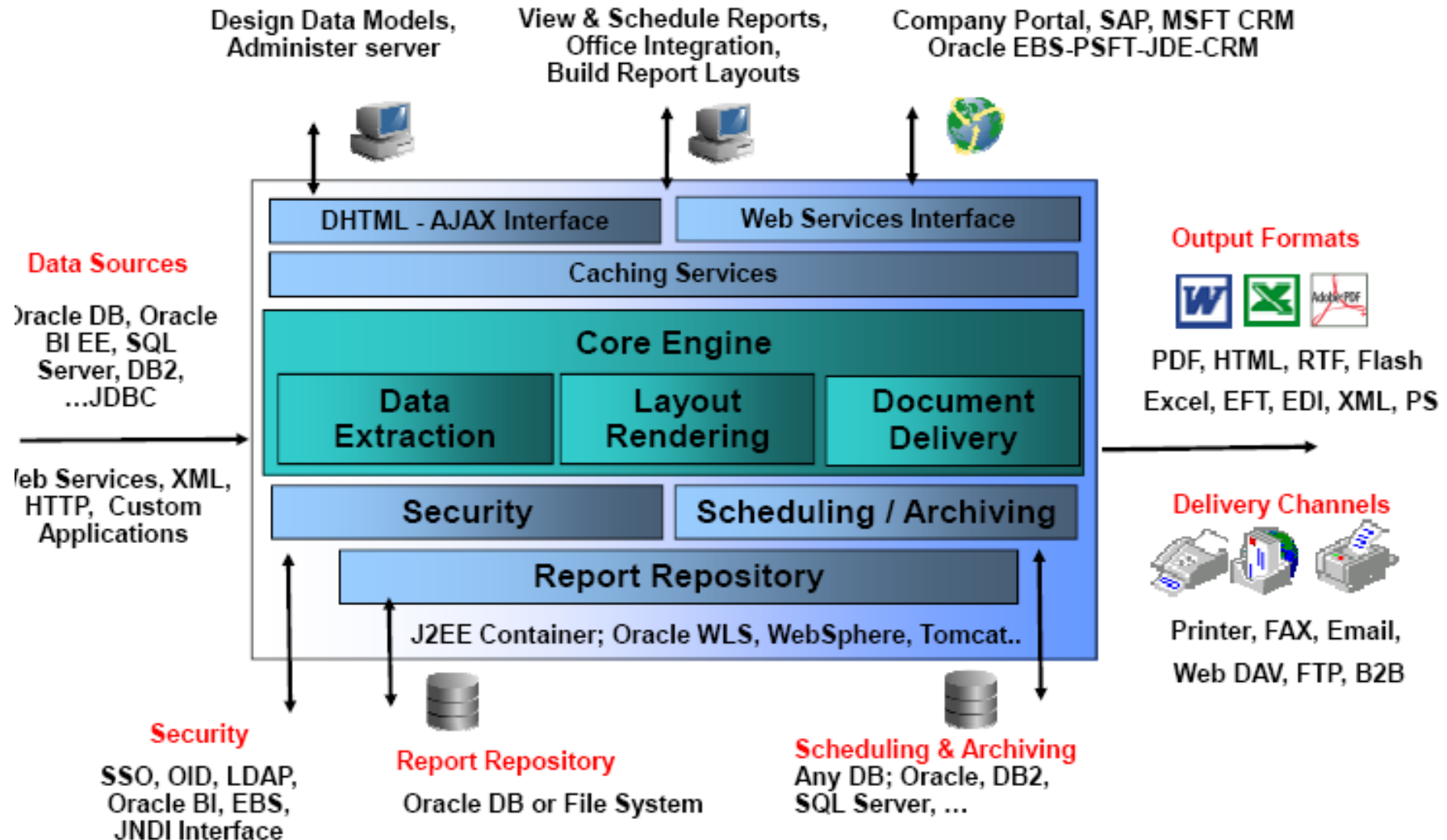
■ 动手练习



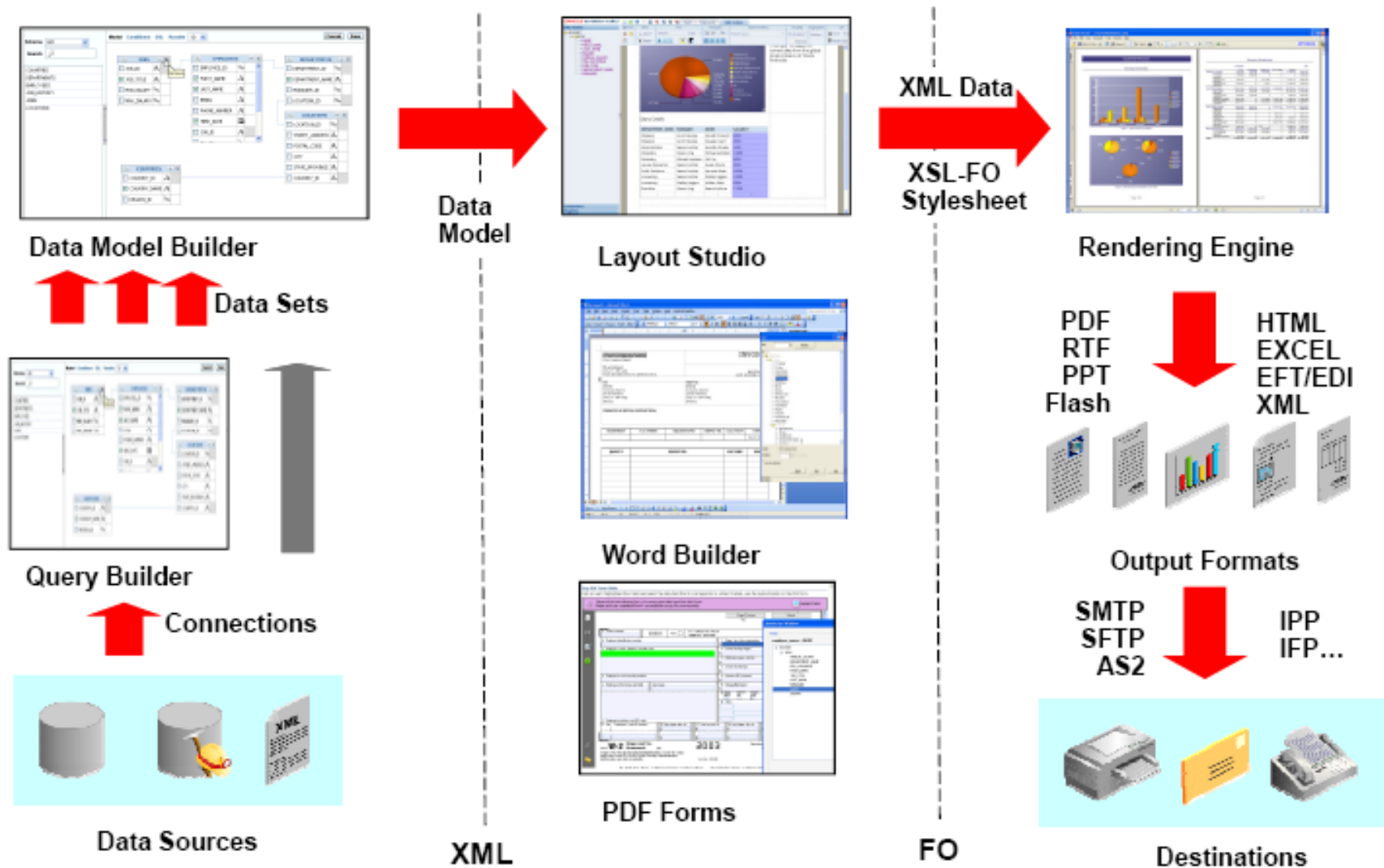


BI Publisher企业架构

BI Publisher - 企业级架构

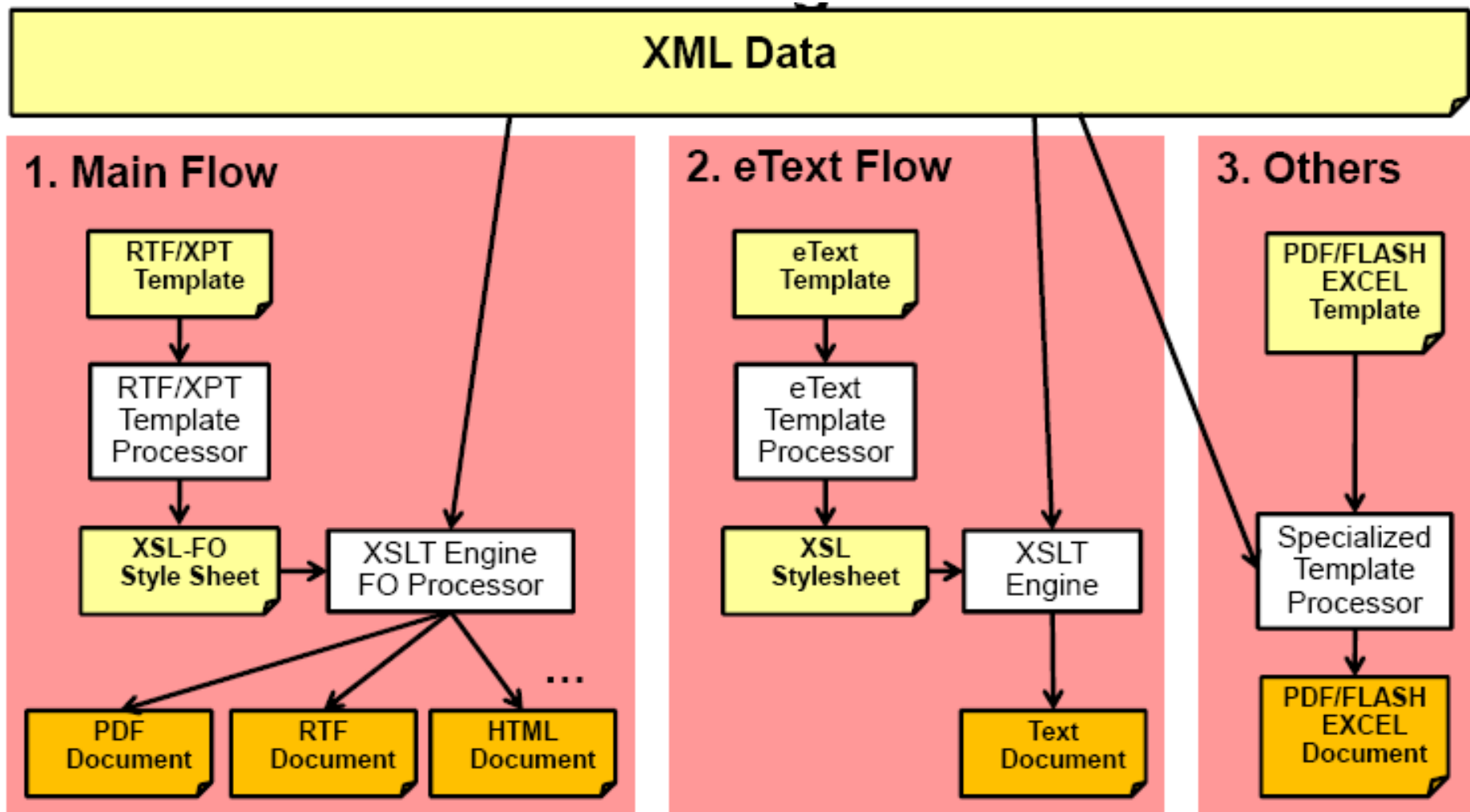


BI Publisher – 数据和文档处理过程





BI Publisher - 文档格式处理流程





更多特性

BI Publisher - 执行计划

- 计划周期
 - 每小时
 - 每年
 - 具体日期
- 多种输出
- 计划任务与历史管理
- 根据历史记录发送
- 指定专用的计划和传送服务器

Oracle Business Intelligence - Manage Job History

Burst for 2006 Employee Salary Report

General

Job ID: 87
 Job Name: 2006 Employee Salary Report
 Owner: Administrator
 Report Name: 2006 Employee Salary Report
 Report Scope: Public
 Job Schedule: 15:20 on Sunday, Dec 12, 2008
 Active Start Date: 1/18/2009 12:00 AM
 Active End Date: 1/30/2009 11:59 PM

Job Execution Information

History ID: 107
 Status: ✔
 Start Processing Time: 1/18/2009 12:00 AM (GMT-11:00) Midway Island
 End Processing Time: 1/30/2009 11:59 PM (GMT-11:00) Midway Island
 Time Elapsed: 19:24 sec
 Document Process Status: ✔

Report Parameters

Employee: *
 Department: Financial

Bursting Definitions

Split by: /ROWSET/ROW/DEPARTMENT_NAME
 Deliver by: /ROWSET/ROW/DEPARTMENT_NAME

Output and Delivery

Date XML: ✔ Republish

Name	Template	Format	Locale	Time Zone	Calendar	Date XML	Republish	Send
Output1	Sample1	PDF	English (United States)	(GMT-11:00) Midway Island	Gregorian	✔	📄	✔
Output2	Sample2	PDF	English (United States)	(GMT-11:00) Midway Island	Gregorian	✔	📄	✔

Delivery 1: Printer

Printer Name: ippt1/xiddev2.us.oracle.com:531/printers/CHIOFax
 Number of Copies: 1
 Side: Single-sided
 Status: ✖

Delivery 2: Printer

Printer Name: ippt1/xiddev2.us.oracle.com:531/printers/CHIOFax
 Number of Copies: 1
 Side: Single-sided
 Status: ✔

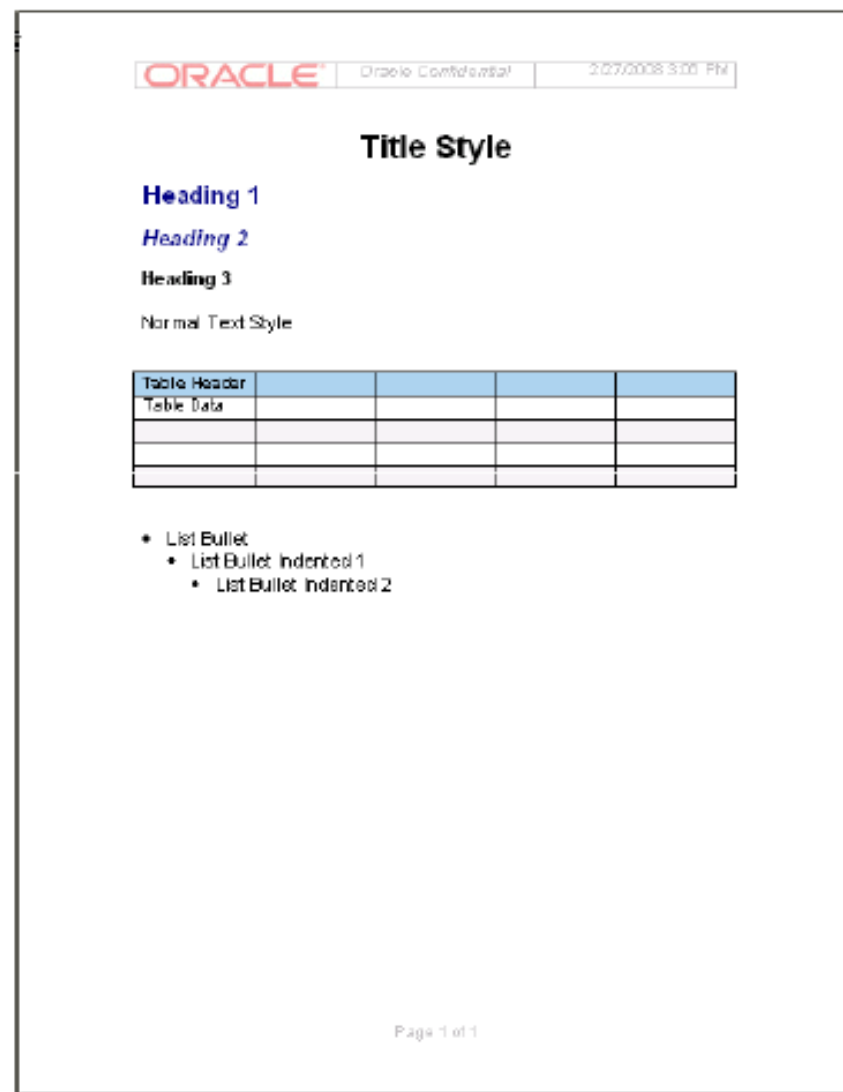
Output3

Name	Template	Format	Locale	Time Zone	Calendar	Date XML	Republish	Send
Output3	Sample3	PDF	English (United States)	(GMT-11:00) Midway Island	Gregorian	✔	📄	✔

传送过后可以追踪不同设备的发送状态信息

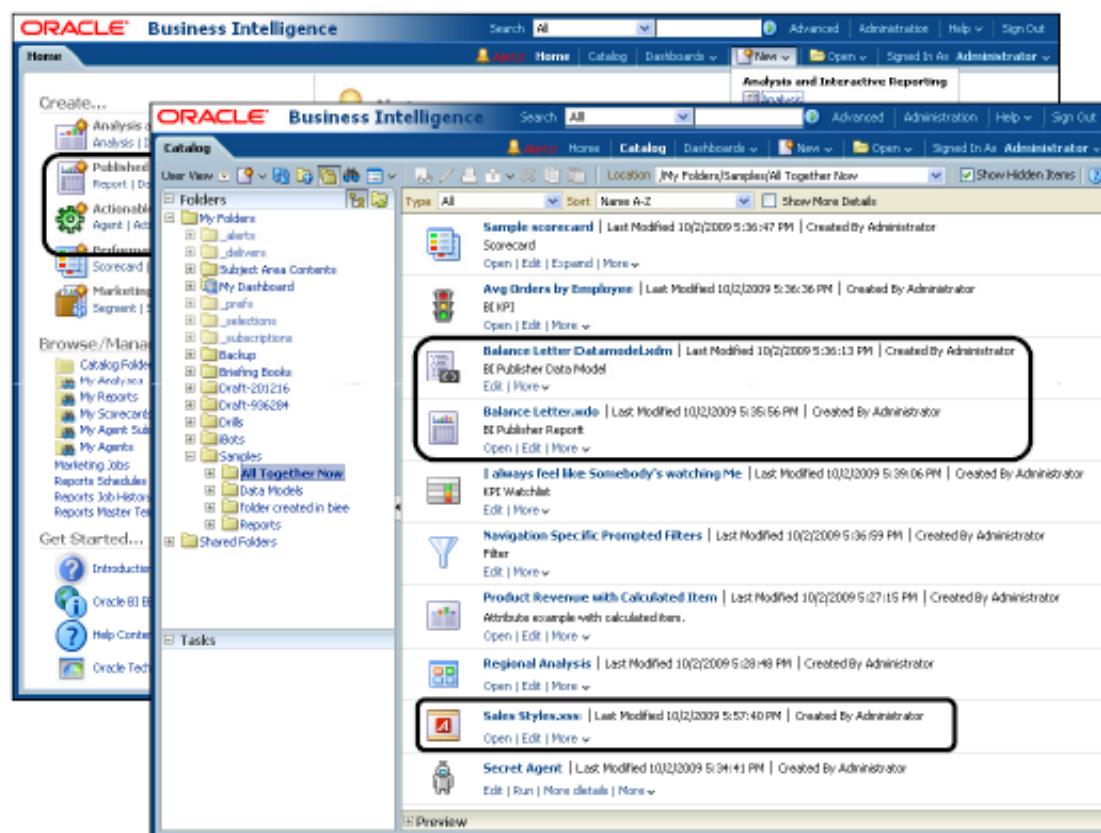
BI Publisher - 样式模板

- 为RTF模板定义布局对象样式
- 在运行时应用RTF样式模板
- 支持的样式
 - 表
 - 段落
 - 列表
 - 页眉/页脚



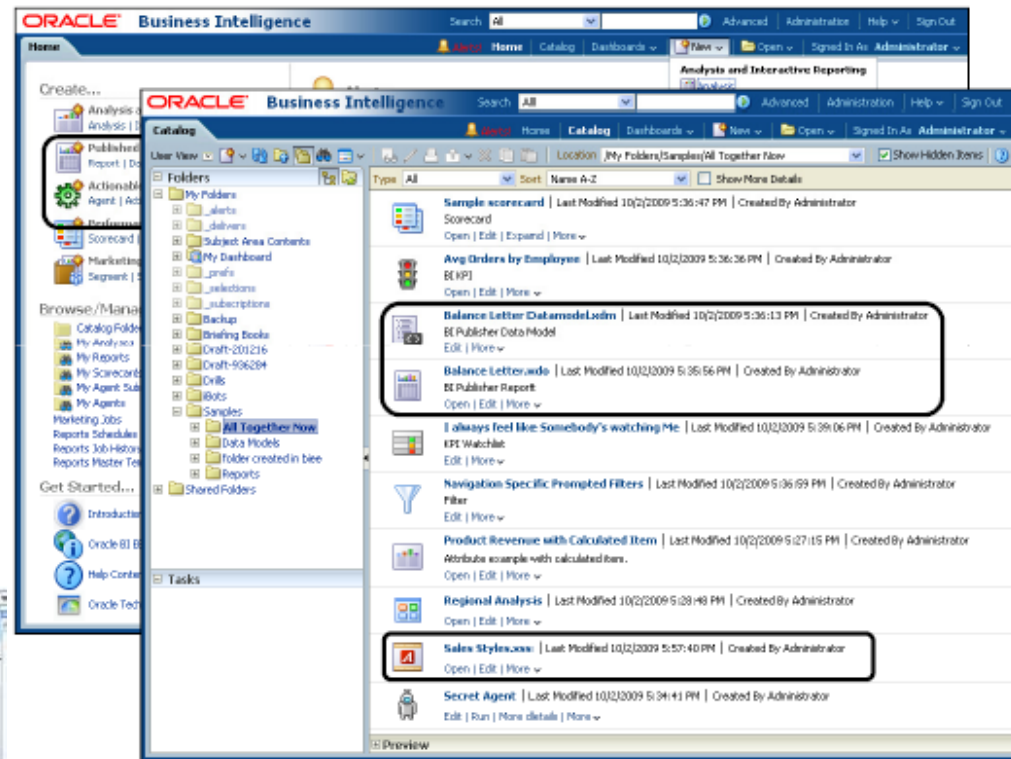
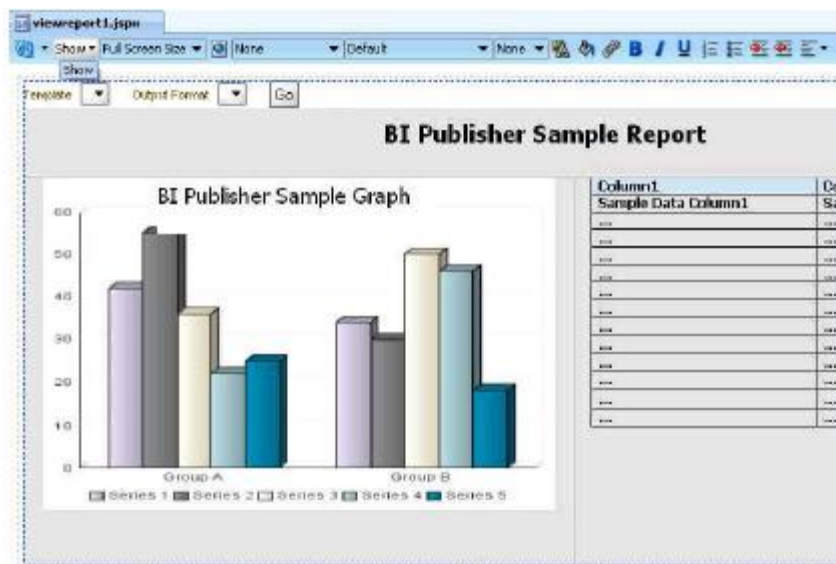
BI Publisher - BIEE 11G 集成

- 集成主页界面
- 共享元数据库
- 集成BIEE安全



BI Publisher - ADF 集成

- 使用JDeveloper构建ADF应用与BI Publisher 集成
- 使用ADF View Objects作为报表数据源

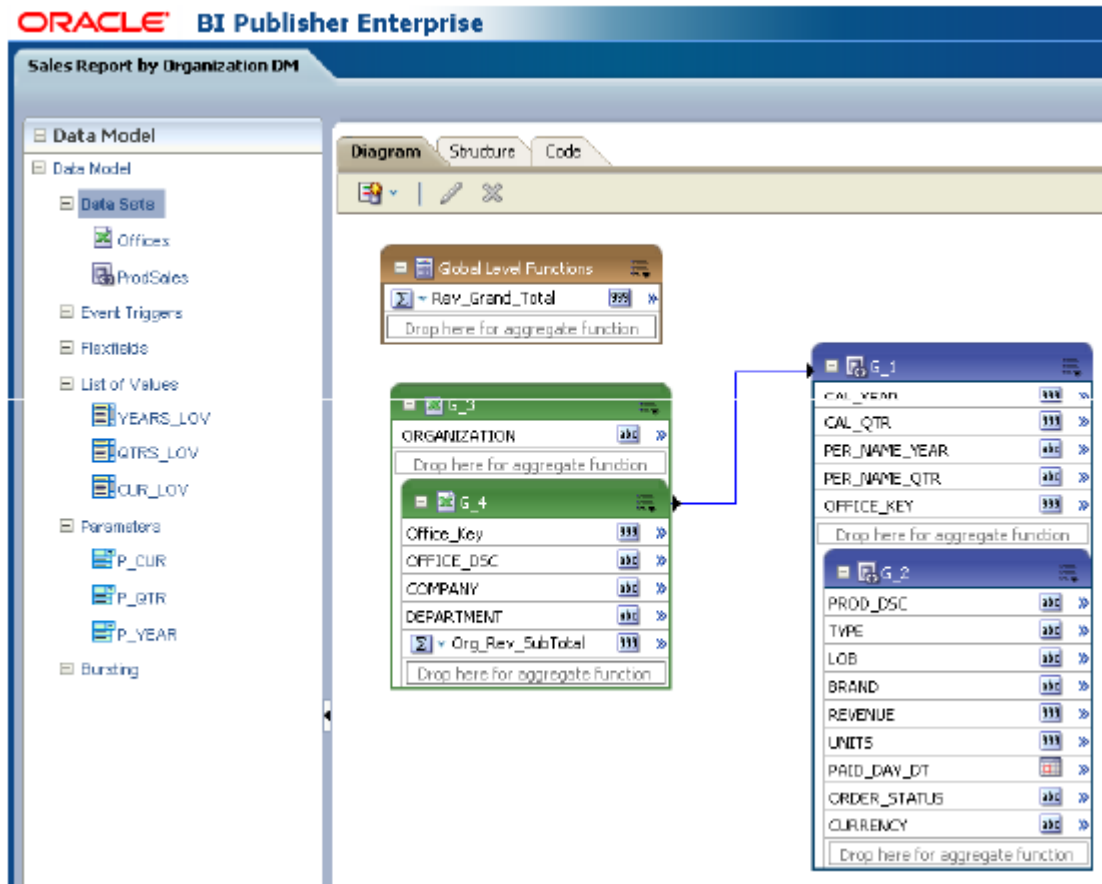




数据模型构建器

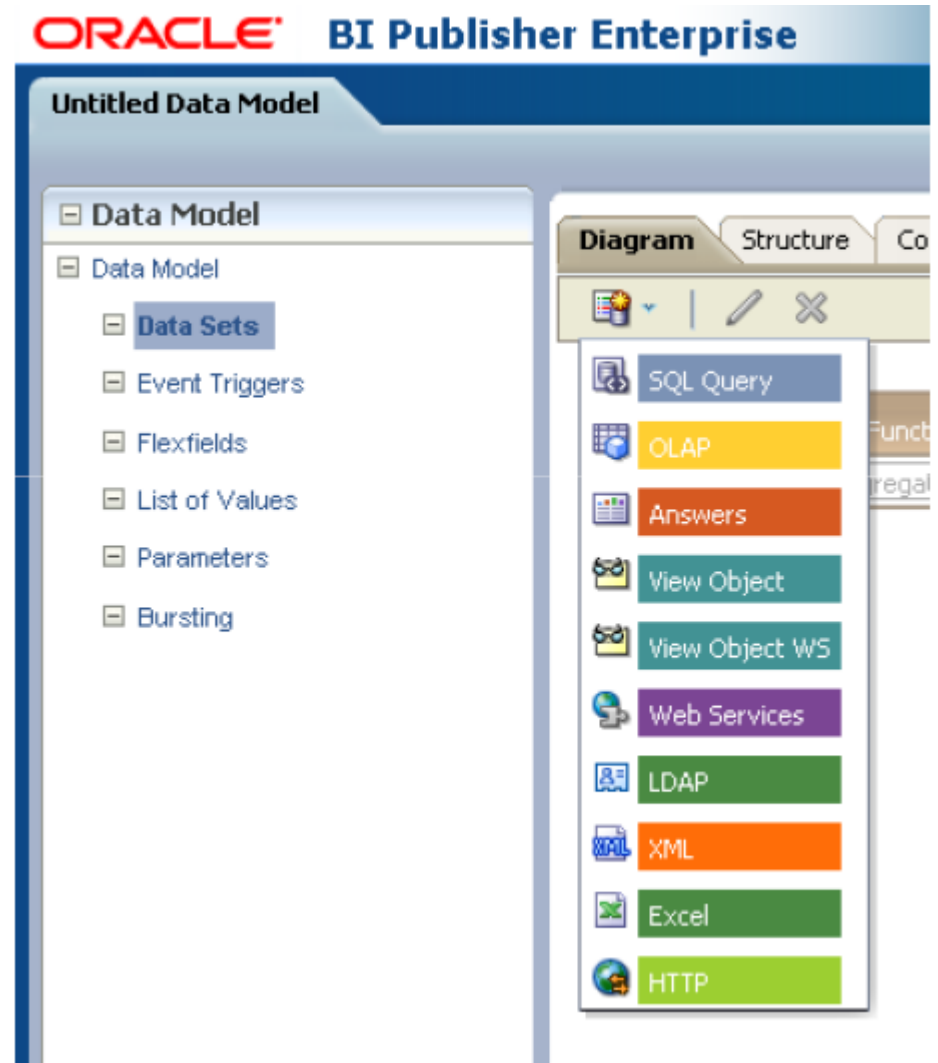
BI Publisher - 数据模型

- 可以使用不同数据集
- 重新生成数据结构，优化文档生成



BI Publisher - 数据模型

- 支持更多数据源
 - ADF View Object
 - EXCEL
 - LDAP



BI Publisher - 数据模型



- 可以为每个数据节点定义业务名称 (新功能)

Diagram Structure Code				
Table View Output				
Data Source	XML View			Business View
	XML Tag Name	Sorting	Value If Null	Display Name
[-] Report Data				
[-] Data Structure	DATA_DS			
Σ G_2.REVENUE	Rev_Grand_Total	↓		Revenue Grand Total
[-] Offices	G_3			G_3
abc ORGANIZATION	ORGANIZATION	↓		Organization
[-] Offices	G_4			G_4
999 Office Key	Office_Key	↓		Office Org Key
abc OFFICE_DSC	OFFICE_DSC	↓		Office Description
abc COMPANY	COMPANY	↓		Company Name
abc DEPARTMENT	DEPARTMENT	↓		Department
Σ G_2.REVENUE	Org_Rev_SubTotal	↓		Org Revenue SubTotal
[-] ProdSales	G_1			G_1

BI Publisher – 数据模型



■ 生成示例数据

ORACLE BI Publisher Enterprise Search: All Administration Help Sign Out

Home Catalog New Open Signed In As: biadmin

Sales Report by Organization DM

Currency: USD Calendar Quarter: Qtr1 Calendar Year: 2010 Return

Number of rows to return: 50 Run

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```

<!--Generated by Oracle BI Publisher 11.1.1.3.0-->
- <DATA_DS>
  <P_CUR>USD</P_CUR>
  <P_QTR>1</P_QTR>
  <P_YEAR>2010</P_YEAR>
- <LIST_G_3>
  - <G_3>
    <ORGANIZATION>Inbound</ORGANIZATION>
  - <LIST_G_4>
    - <G_4>
      <OFFICE_KEY>1.0</OFFICE_KEY>
      <OFFICE_DSC>Montgomery Office</OFFICE_DSC>
      <COMPANY>Stockplus Inc.</COMPANY>
      <DEPARTMENT>Entertainment</DEPARTMENT>
    - <LIST_G_1>
      - <G_1>
        <CAL_YEAR>2010</CAL_YEAR>
        <CAL_QTR>1</CAL_QTR>
        <PER_NAME_YEAR>2010</PER_NAME_YEAR>
        <PER_NAME_QTR>2010 Q1</PER_NAME_QTR>

```

Export XML
Save As Sample Data
Get Data Engine Log



布局模板构建器

BI Publisher - 布局模板构建器



- 全新布局模板构建器
- 支持网页在线开发
- 支持网页在线预览

Employee Salary Report

Home | Catalog | New | Open | Signed In As administrator

Data Source

- DATA_DS
 - G_1
 - EMPLOYEE_ID
 - FIRST_NAME
 - LAST_NAME
 - HIRE_DATE
 - SALARY
 - JOB_TITLE
 - MGR_FIRST_NAME
 - MGR_LAST_NAME
 - DEPARTMENT_NAME

Components

- Layout Grid
- Data Table
- Chart
- Pivot Table
- Repeating Section
- Text Item
- Gauge
- Image

Page Elements

- Page Break
- Page Number
- Total Pages

新的按钮风格

数据源自动带出数据集中获取的字段

ORACLE

EMPLOYEE SALARY REPORT

Average Salary By Department

Department	Average Salary (K)
Shipping	~3.5
Administration	~4.5
Marketing	~7.5
Human Resources	~6.5
Public Relations	~10.5
Accounting	~10.5
Executive	~19.5
IT	~6.5
Finance	~8.5
Purchasing	~4.5
Sales	~9.5

Percentage Salary By Department

Department	Percentage (%)
Shipping	45.83%
Administration	20.53%
Marketing	0.6623%
Human Resources	2.860%
Public Relations	0.9763%
Accounting	1.505%
Executive	3.055%
IT	8.730%
Finance	4.335%
Purchasing	7.766%
Sales	3.748%

BI Publisher – 布局模板构建器

■ 动态的HTML输出





1、创建数据模型

2、创建布局模板



Question Time!

Q & A

Questions & Answers

Thank You !



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