What’s New in BI Publisher 11g

Mike Donohue
Director, BI Product Management
The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle’s products remains at the sole discretion of Oracle.
Agenda

• Introduction
• Layout Editor
• Data Model Editor
• Scheduler Enhancements
• More Features
• Q & A
Oracle BI Publisher

• All your Reports and Documents

• Easier

• Faster

• Better Managed
All your Reports and Documents

- Purchase Orders
- Labels / Bar Codes
- Collateral
- Government Forms
- eText
- Invoices
- Operational Reports
- Correspondence
- Financial Statements
- Checks
Challenge
- 90 days and 3 people (incl. 3rd party vendor) to implement POs
- 50 Operating Units

Result
- 3 days and 1 person to implement POs
- 12x faster w/ 1 person
Faster

Requirements
• Multiple Data Sources
• Translate to 20+ Languages
• Keep database load to a minimum

Result
• High Volume ~20,000 docs/hr (60,000 to 80,000 pages/hr)
• Database Load < +5%
Better Managed

Challenge
- 200+ Crystal Reports
- Duplicate reports
- Hard to use, hard to manage

Results
- 30 Publisher reports (85% reduction)
- 3 months w/ one f/t report developer
Oracle BI Publisher

Integration with over 30 Oracle Applications and Products

Over 35,000 customers

Fully integrated with Business Intelligence Enterprise Edition
Oracle BI Publisher 11g

- 150,000+ Person Hours
  - Innovation
  - Integration
  - Performance & Scalability
Oracle BI Publisher 11g

- BI Publisher Layout Editor
  - Web-based WYSIWYG layout design editor
  - Interactive HTML output format
- Data Model Editor
  - Combine data from multiple data sources
  - Filter & structure data
  - New data sources: Excel, LDAP, VO
- Scheduling & Bursting Enhancements
  - Dedicated servers in clustered environment
  - Recurrence Patterns
  - Multiple named outputs to multiple destinations
- Tighter integration with OBIEE
  - Web catalog integration
  - Home page integration
  - Security integration
- Sub Templates & Style Templates
- PDF Optimization
- JDeveloper & ADF integration
- Redesigned Web interface
Oracle BI Publisher 11g

- Focus on 3 features
  - Layout Editor
  - Data Model Editor
  - Scheduler
Agenda

• Introduction
• Layout Editor
• Data Model Editor
• Scheduler Enhancements
• More Features
• Q & A
Data Source brings all the fields defined in the data model.

Ribbon Style Menu

Layout Editor
WYSIWIG Layout Designer
### Layout Editor

**WYSIWIG Layout Designer**

#### Properties for Advanced user

- **Font**
  - **Color**: [ ]
  - **Font Family**: Tahoma
  - **Font Size**: 8pt
  - **Font Style**: Normal
  - **Font Weight**: Normal
  - **Text Decoration**: None

- **Appearance**
  - **Background Color**: [ ]
  - **Border Bottom**: 1pt solid #777777
  - **Border Left**: 1pt solid #777777
  - **Border Right**: 1pt solid #777777
  - **Border Top**: 1pt solid #777777
  - **Padding**: 2px 0px 2px 0px
  - **Text Alignment**: Left
  - **Vertical Alignment**: Top
  - **Height**: 91px

- **Data Formatting**
  - **Formatting Mark**: Microsoft
  - **Formatting Style**: Microsoft

- **Misc**
  - **URL**: [ ]

---

**Employee Salary Report**

#### Context Sensitive Ribbon Style Menu

### Employee Salary Details by Department and by Manager

<table>
<thead>
<tr>
<th>EMP ID</th>
<th>FIRST NAME</th>
<th>LAST NAME</th>
<th>HIRE DATE</th>
<th>JOB TITLE</th>
<th>SALARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>196.00</td>
<td>Donald</td>
<td>O'Connell</td>
<td>Jun 21, 1999</td>
<td>Shipping Clerk</td>
<td>2,500.00</td>
</tr>
<tr>
<td>195.00</td>
<td>Douglas</td>
<td>Grant</td>
<td>Jun 13, 2000</td>
<td>Shipping Clerk</td>
<td>2,500.00</td>
</tr>
<tr>
<td>200.00</td>
<td>Jennifer</td>
<td>Whalen</td>
<td>Dec 17, 1987</td>
<td>Administration Assistant</td>
<td>4,400.00</td>
</tr>
<tr>
<td>201.00</td>
<td>Michael</td>
<td>Hartston</td>
<td>Feb 17, 1996</td>
<td>Marketing Manager</td>
<td>13,000.00</td>
</tr>
<tr>
<td>202.00</td>
<td>Pat</td>
<td>Fey</td>
<td>Aug 17, 1997</td>
<td>Marketing Representative</td>
<td>6,000.00</td>
</tr>
<tr>
<td>203.00</td>
<td>Susan</td>
<td>Morris</td>
<td>Jun 27, 1994</td>
<td>Human Resources Representative</td>
<td>6,500.00</td>
</tr>
<tr>
<td>204.00</td>
<td>Hermann</td>
<td>Baer</td>
<td>Jun 27, 1994</td>
<td>Public Relations Representative</td>
<td>10,000.00</td>
</tr>
<tr>
<td>205.00</td>
<td>Shelley</td>
<td>Higgins</td>
<td>Jun 27, 1994</td>
<td>Accounting Manager</td>
<td>12,000.00</td>
</tr>
<tr>
<td>206.00</td>
<td>William</td>
<td>Grotz</td>
<td>Jun 27, 1994</td>
<td>Public Accountant</td>
<td>8,300.00</td>
</tr>
<tr>
<td>100.00</td>
<td>Steven</td>
<td>King</td>
<td>Jun 17, 1987</td>
<td>President</td>
<td>24,000.00</td>
</tr>
</tbody>
</table>

#### Grand Total: 86,410.00
Layout Editor

High fidelity pixel perfect report output

---

**Employee Salary Report**

---

**Employee Salary Details by Department and by Manager**

---

**ORACLE**
Layout Editor
Interactive output
Agenda

• Introduction
• Layout Editor
• Data Model Editor
• Scheduler Enhancements
• More Features
• Q & A
Data Model Editor

- Combine data from different data sources
- Structure data to optimize document generation
Data Model Editor

- Support for new data sources
  - Excel
  - LDAP
  - ADF View Object
Data Model Editor

- Create business friendly views by defining aliases for XML element names.

<table>
<thead>
<tr>
<th>Table View</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Data Source</strong></td>
<td><strong>XML View</strong></td>
</tr>
<tr>
<td>Data Structure</td>
<td>DATA_DS</td>
</tr>
<tr>
<td>MDX-Q1</td>
<td>Scenario</td>
</tr>
<tr>
<td>Scenario.MEMBER_ALIAS</td>
<td>Scenario_ALIAS</td>
</tr>
<tr>
<td>MDX-Q1</td>
<td>Product</td>
</tr>
<tr>
<td>Product.MEMBER_ALIAS</td>
<td>Product_ALIAS</td>
</tr>
<tr>
<td>Market</td>
<td>Market_ALIAS</td>
</tr>
<tr>
<td>Market.MEMBER_ALIAS</td>
<td>Market_ALIAS</td>
</tr>
<tr>
<td>Profit</td>
<td>Profit</td>
</tr>
<tr>
<td>Sales</td>
<td>Sales</td>
</tr>
</tbody>
</table>
Agenda

• Introduction
• Layout Editor
• Data Model Editor
• Scheduler Enhancements
• More Features
• Q & A
Scheduler Enhancements

- Recurrence patterns
  - Hourly
  - Annually
  - Specific Dates
- Multiple outputs
- Job & History Management
- Send from History
- Dedicated Schedule & Delivery Servers
Scheduler Enhancements

- Recurrence patterns
  - Hourly
  - Annually
  - Specific Dates
- Multiple outputs
- Job & History Management
- Send from History
- Dedicated Schedule & Delivery Servers
Scheduler Enhancements

- Recurrence patterns
  - Hourly
  - Annually
  - Specific Dates
- Multiple outputs
- Job & History Management
- Send from History
- Dedicated Schedule & Delivery Servers
Scheduler Enhancements

- Recurrence patterns
  - Hourly
  - Annually
  - Specific Dates
- Multiple outputs
- Job & History Management
- Send from History
- Dedicated Schedule & Delivery Servers

Track delivery status of multiple output
Send output after delivery
Scheduler Enhancements

- Recurrence patterns
  - Hourly
  - Annually
  - Specific Dates
- Multiple outputs
- Job & History Management
- Send from History
- Dedicated Schedule & Delivery Servers
Agenda

• Introduction
• Layout Editor
• Data Model Editor
• Scheduler Enhancements
• More Features
• Q & A
BI Publisher Innovation
Style Template

- Style Template defines styles of layout objects for RTF template
- Apply Style Template styles to RTF template at runtime
- Supported styles
  - Table
  - Paragraph
  - Header/Footer
Sub Template defines shared functions for RTF templates

- XSL or RTF

Examples:
- Rich text
- Custom formatting
- Custom Calculation

(a) Definitions. As used in this clause—“Commercial item” has the meaning contained in the clause at 52.202-1. Definitions. “Subcontract” includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

(c)(1) The Contractor shall insert the following clauses in subcontracts for commercial items:

(i) 52.219-8, Utilization of Small Business Concerns (Oct 2000) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds $500,000 ($1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

BI Publisher Innovation
Template Builder & RTF Template Enhancements

- Ribbon Toolbar
- Gauges
- Dual Y Charts
- Running Totals
- Form fields up to 40k
- Group Left Enhancements
- Style Templates
- Sample Data
- Business View support
- Non Admin User install
• Link to repeating static pages
• Reduce size of PDF output
BI Publisher Innovation
Handle Ultra-large PDF files

- Split into smaller size files
- Provide index.html to find needed documents
BI Publisher Integration
Tighter BIEE Suite Plus Integration

- Integrated Home Page
- Shared Repository
- Integrated Oracle FMW Security
BI Publisher Integration
Enhanced Infrastructure – Lower TCO

Fusion Middleware integration

- Oracle Fusion Middleware Security
- Performance Monitoring
- Logging and Error Registry
- Audit Trail
- Process Control
Agenda

• Introduction
• Layout Editor
• Data Model Editor
• More Features
• Q & A
For More Information

http://search.oracle.com

BI Publisher

or

http://www.oracle.com/technology/products/xml-publisher
We encourage you to use the newly minted corporate tagline “Software. Hardware. Complete.” at the end of all your presentations. This message should replace any reference to our previous corporate tagline “Oracle Is the Information Company.”
The preceding is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle’s products remains at the sole discretion of Oracle.