

Introduction to Oracle BI Publisher (BIP) in R12: Advanced Procurement API Integration

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BIP APIs outside of ATG's standard

- EBS Application developers have used BIP APIs outside of ATG's standard
 - **Advanced Procurement**
 - Advanced Collections
 - Payables
- This presentation focused on Advanced Procurement

Advanced Procurement

- PO Approval Process – Release Purchase Orders based on workflow process.
- Variations
 - Setup
 - XML Generation & Layout Templates
 - Report Generation & Delivery
 - Other Uses



■ Setup

- Purchasing Super User Responsibility -> Setup -> Organizations -> Purchasing Options

ORACLE Purchasing Diagnostics Help

Purchasing Options

* Indicates required field

Document Control

[Personalize "Document Control"](#)

Price Tolerance (%)	<input type="text" value="10"/>	<input type="checkbox"/> Enforce Price Tolerance (%)
Price Tolerance Amount (USD)	<input type="text"/>	<input type="checkbox"/> Enforce Price Tolerance Amount
Enforce Full Lot Quantity	Advisory <input type="button" value="v"/>	<input checked="" type="checkbox"/> Display Disposition Messages
Receipt Close Point	Received <input type="button" value="v"/>	<input checked="" type="checkbox"/> Notify if Blanket PO exists
Cancel Requisitions	Optionally <input type="button" value="v"/>	<input checked="" type="checkbox"/> Allow Item Description Update
SBI Buying Company Identifier	<input type="text"/>	<input type="checkbox"/> Enforce Buyer Name
Output Format	PDF <input type="button" value="v"/>	<input checked="" type="checkbox"/> Enforce Supplier Hold
Maximum Attachment Size (in MB)	<input type="text"/>	<input type="checkbox"/> Gapless Invoice Numbering
Email Attachment Filename	<input type="text"/>	<input type="checkbox"/> RFQ Required

- Setup
 - Associate Templates with Document Types
 - Purchasing Super User -> Setup -> Purchasing -> Document Types



Advanced Procurement

Document Types

[Personalize "Document Types Table"](#)

Type	Name	Document Type Layout	Contract Terms Layout	Update	Delete
Auction Buyer Auction	Sourcing Buyer Auction	Sourcing Style Sheet	Oracle Contract Terms Template		
Change Order Request Requisition	Change Order Request: Requisition				
Purchase Agreement Blanket	Blanket Purchase Agreement	Blanket Agreement Stylesheet with Logo	Oracle Contract Terms Template		
Purchase Agreement Contract	Contract Purchase Agreement	Contract Agreement Stylesheet with Logo	Oracle Contract Terms Template		
Purchase Order Planned	Planned Purchase Order				
Purchase Order Standard	Standard Purchase Order	Standard Purchase Order Fax	Oracle Contract Terms Template		
Quotation Bid	Bid Quotation				
Quotation Catalog	Catalog Quotation				
Quotation Standard	Standard Quotation				
Release Blanket	Blanket Release	Blanket Release Stylesheet with Logo			
Release Scheduled	Scheduled Release				
Requisition Internal	Internal Requisition				
Requisition Purchase	Purchase Requisition				
Request for Quotation Bid	Bid RFQ				
Request for Quotation Catalog	Catalog RFQ				
Request for Quotation Standard	Standard RFQ				
Sourcing RFI Sourcing RFI	Sourcing RFI	Sourcing Style Sheet	Oracle Contract Terms Template		
Sourcing RFQ Sourcing RFQ	Sourcing RFQ	Sourcing Style Sheet	Oracle Contract Terms Template		

- XML Generation
 - XML is generated based on the seeded views:
 - PO_HEADERS_XML
 - PO_LINES_XML
 - PO_DISTRIBUTION_XML

- Report Generation and Delivery
 - Once PO gets final approval (via workflow rules) the PO output gets created programmatically and “delivered” based on rules associated with PO Approval/Tools->Communicate.

Email – Workflow Mailer

Print – Concurrent Output (PO Output for Delivery)

Fax – Concurrent Output (PO Output for Delivery)



Help! - Documentation

- Documentation!

<http://www.oracle.com/technetwork/middleware/bi-publisher/overview/index.html>

Oracle Technology Network > Middleware > BI Publisher > Documentation

Overview Downloads Documentation Community Learn More

Oracle Business Intelligence Publisher 11g Release 1 (11.1.1.3)

- 11.1.1.3.0 [Documentation Page](#)

Oracle BI Publisher 10g

- 10.1.3.4 [Documentation Page](#)
- 10.1.3.3 [Documentation Page](#)
- 10.1.3.2 [Documentation Page](#)
- 5.6.2 [Users Guide](#) [Install Guide](#) [JavaDocs](#)

Oracle E Business Suite R12

- 12.0 [Resources](#) [Document](#) [Known Issues](#) [Administration and Developer's Guide](#) [Report Designer's Guide](#)

Oracle E Business Suite 11i

- 5.6.3 [Resources](#) [Document](#) [Known Issues](#) [Administration and Developer's Guide](#) [Report Designer's Guide](#)
- 5.6.2 [About Document](#) [Users Guide](#) [Applications API](#) [Core Components API](#)
- 5.6.1 [About Document](#) [Users Guide](#) [Applications API](#) [Core Components API](#)
- 5.6 [About Document](#) [Users Guide](#) [Applications API](#) [Core Components API](#)
- 5.5 [About Document](#) [Users Guide](#) [Applications API](#) [Core Components API](#)

Fusion Middleware Home

- AIA Foundation Pack
- Business Intelligence
- Coherence
- Developer Tools
- Event-Driven Architecture Suite
- GlassFish Server
- Identity Management
- JRockit
- SOA Suite
- TopLink
- Tuxedo
- WebCenter Suite
- WebLogic Server
- Complex Event Processing
- Business Intelligence Foundation
- Data Integration
- Application Server



Help! - Blogs

- STR Software Blog – <http://www.strsoftware.com/blog>
- Tim Dexter/BIP Official Blog: <http://blogs.oracle.com/xmlpublisher>
- A BI Publisher developer's diary:
<http://blogs.oracle.com/BIDeveloper/>
- Oracle BI Publisher Consulting: <http://bipconsulting.blogspot.com/>
- BI Publisher Blog - Ike Wiggins: <http://bipublisher.blogspot.com/>
- In Depth Apps - eBusiness Suite - Gareth Roberts:
<http://garethroberts.blogspot.com/>



Help! Oracle Forums

<http://forums.oracle.com/forums/forum.jspa?forumID=245>

How to Get Help on Forums:

- a. Search First, Ask Second
- b. Be someone (not user8840234)
- c. Be Specific

Help! – Oracle Community



- Oracle E-Business Suite -> BI Publisher

Forums

Community Contributed Resource Documents

examples: Troubleshooting Oracle XML Publisher

How To Install a Font Using XMLP Admin



About STR Software

- **For other valuable BI Publisher Resources**
 - Visit www.strsoftware.com/resources/
- **STR Software**
 - Located in Richmond, VA
 - Focused on document delivery solutions since 1988
 - Over 1,230 licenses of AventX in 47 states and 19 countries
 - Over 94% customer retention
 - Oracle Gold Partner with staff of Oracle Certified Professionals
 - OAUG 2-Star Elite partner for 2011
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