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.
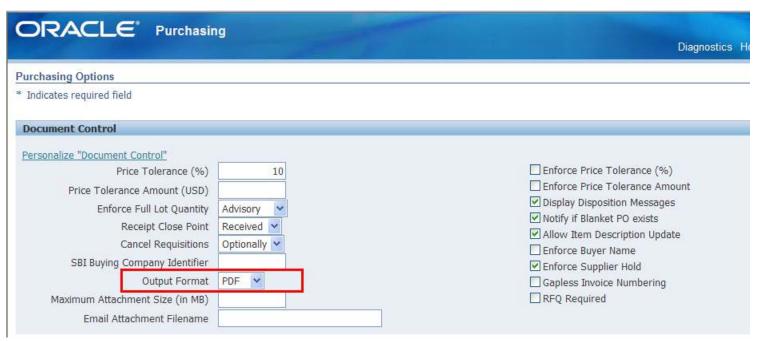
- Variations
  - Setup
  - XML Generation & Layout Templates
  - Report Generation & Delivery
  - Other Uses

Advanced Procurement

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

Advanced Procurement

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

Advanced Procurement

Document Types

Personalize "Document Types Table"

[Create]

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	✎	🗑

[Create]

Advanced Procurement

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

Advanced Procurement

- 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
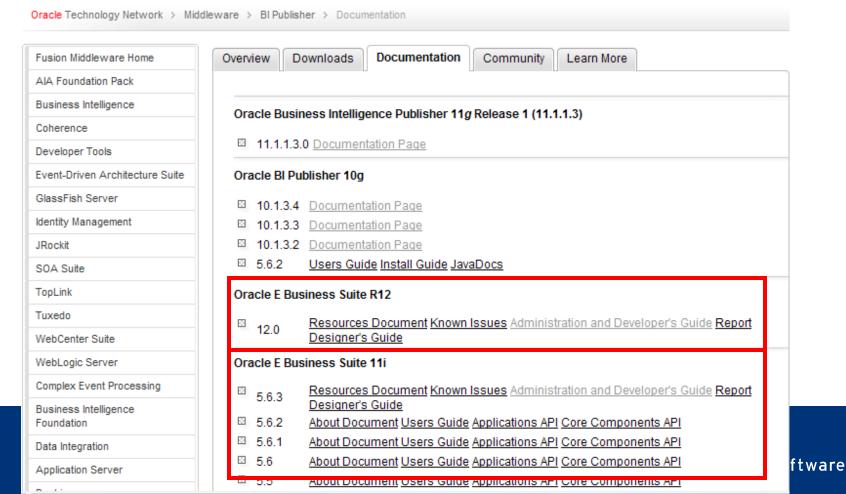
    Print – Concurrent Output (PO Output for Delivery)

    Fax – Concurrent Output (PO Output for Delivery)

Help! - Documentation

- Documentation!

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

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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