



# PeopleTools Technology Enhancements

# User Security & Management

- Multiple Session Detection
  - Capture and store concurrent user information
  - Graphical view of the number of users signed on
- Extended Password Controls
  - Mixed-case and upper case letters
- Dynamic Role feature
  - Delete
  - Insert

# Integration Platform Enhancements

## Top enhancements:

- Documents
- Best Effort Delivery
- WS Reliable Messaging (BPEL)
- Delay Processing
- Large Message Processing
- Integration Network

# Documents

## Issues:

- Poor support for non-PeopleSoft data structures (xml)
- Difficult to write PeopleCode against non-rowset data
- Consumption of external WSDLs very limited
- Consuming Web Services is becoming more important

## PeopleTools Solution:

- New Feature called Documents

# Documents Defined

Document XML Relational

Package: orarss  
Document Name: rss  
Version Name: V1

Document Details

Left | Right

- rss
  - channel
    - title
    - link
    - description
    - lastBuildDate
  - channelDesc
    - sourceName
    - feedType
    - batchId
    - itemCount
  - Collection1
    - item
      - title
      - link
      - description
    - ItemDesc
      - documentMetadata
      - documentAc
      - documentInfo
      - documentContent
        - Collection1
        - Collection2
        - Collection3
      - xhtmlContent
        - lang
        - xhtmlContent

Validate Copy Rename Export Delete

Save

- Abstraction on top of an XML schema or record and treated as a single unit
- Reference binding to XML schema or PeopleSoft record
- Package.Document.Version naming standard
- Managed object in PeopleTools – can be versioned
- Rich PeopleCode API that does not require parsing

# Documents Defined

## Managed Object containing two components: Logical Component and Physical Component

- **Logical Component:** specifies the abstract structure of data – does not specify any information about formatting, rendering, etc. (manage: document elements types and data types)
- **Physical Component:** specifies concrete details about a document, such as database tables, XML tag names, etc. (manage: schema details, whitespace, element filters)
  - XML-formatted document: manage schema details, tag names, prefixes, etc
  - Relational-formatted document: map PeopleSoft record to document, then elements to fields

# Documents – Document Builder

Document Builder tool – where to build the structure of a document and define XML and relational formats for it.

## Relational Page:

Document XML Relational

Package: Purchasing  
Document Name: BillTo  
Version Name: v1

Relational Details

Left | Right

- [-] **BillTo**
  - name
  - number
  - street
  - unit
  - city
  - state
  - zipcode

Element Name: name  
Record Name: PO\_BILLING  
Field: NAME  Key

# Best Effort Delivery

## Issues:

- Can't send an message without chance of error
- Must choose guarantee delivery

## PeopleTools Solution:

- Add Best Effort Delivery option for outbound asynchronous
- Configure at Node, Routing and PeopleCode
- Only one attempt will be made to send the message
- Warning message that retry logic is disabled

# WS Reliable Messaging

## ISSUES:

- Reliable messaging is a protocol that allows SOAP messages to be delivered reliably between distributed apps in the presence of software component, system or network failures
- No support for reliable message standard between 3<sup>rd</sup> party and PeopleSoft

## PeopleTools Solution:

- Add and certify reliable messaging between PSFT and BPEL
- Will not certify another party; therefore no guarantee for any other 3<sup>rd</sup> party

# Delay Processing

## Issues:

- Current support for inbound asynchronous queue order cannot always be used
- Order message received is order message processes
- Possible processing out of order

## PeopleTools Solutions:

- Offer configurable delay to help alleviate problem
- Enter number of minutes in the inbound routing
- Status set to HOLD until time passes
- Only for Asynchronous Inbound messages

# Inbound Request Load Balance

## Issue:

- Currently gateway can only send a jolt request (GW to app server) to a single app server domain per Node
- Requires multiple gateways and 3<sup>rd</sup> party load balancer to distribute inbound requests

## PeopleTools Solution:

- Allow multiple server URLs for a single Node
- Round robin distribution
- Extend the slave template framework to support
- Dynamic registration from AppServer

# Large Message Processing with Segments

## Issues:

- Full Sync integrations chunk large amounts of data
- Can be problems with processing and error management

## PeopleTools Solutions:

- Message segments processed in parallel
- Two new events available for Asynchronous Service Operations
  - OnPreNotify
  - OnPostNotify
  - Appclass implements PS\_PT:Integration:IPrePostNotification

# PeopleSoft Integration Network

Delivered to simplify the set up, configuration, and administration of Integration Broker and to manage and monitor integrations among PeopleSoft systems.

## The Integration Network:

- Consolidates administration tasks into a single WorkCenter
- Simplifies service setup and configuration
- Enables you to discover PeopleSoft integrations in remote PeopleSoft systems
- Enables you to monitor Integration Broker services across domains
- Helps track messages across PeopleSoft systems

# Enabling PeopleSoft for the Mobile Workforce

## Available Now



**iPad Certification (PT8.52)**



**iReceipts**



**Mobile Inventory Management**



**Mobile Approval Workflow**



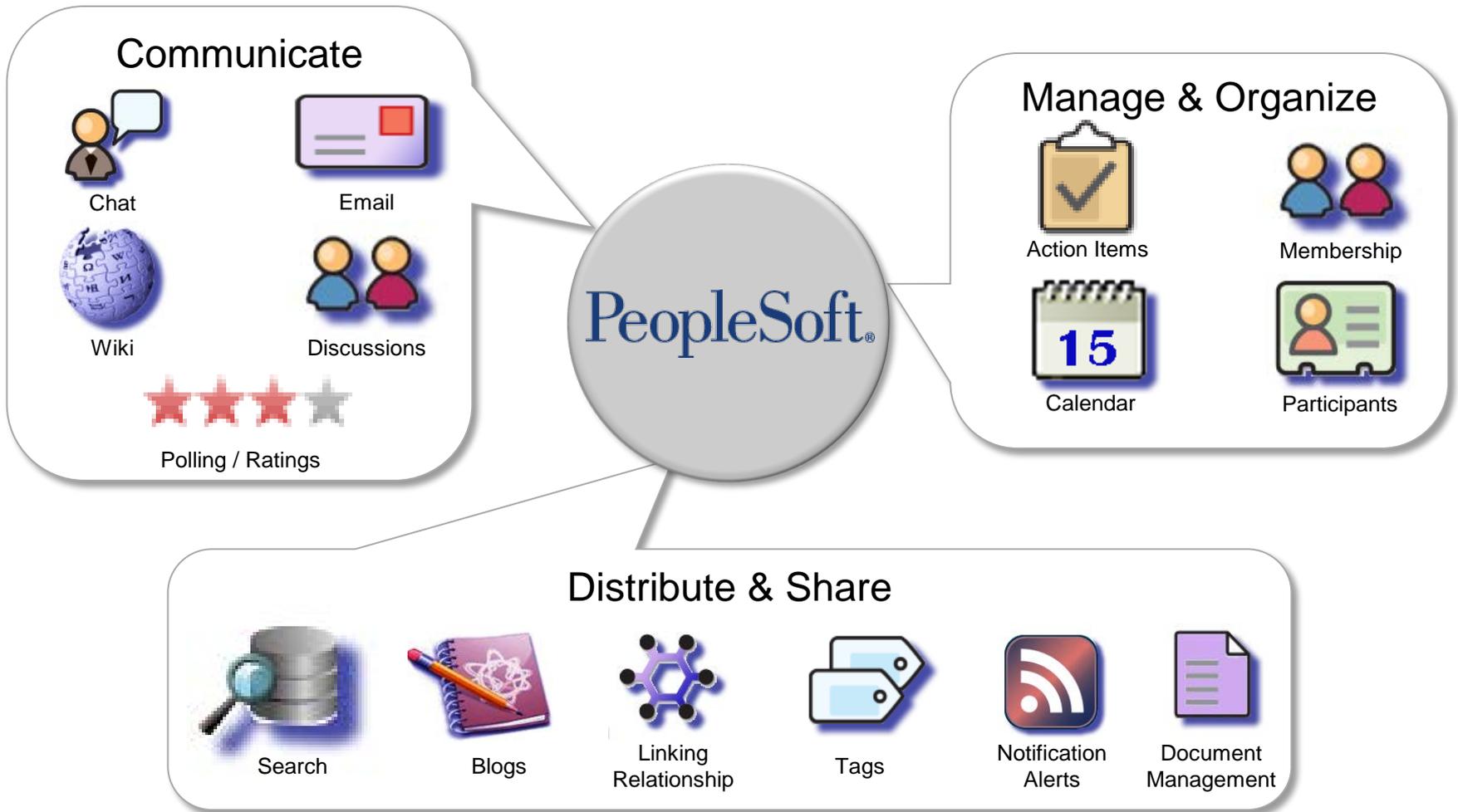
**ORACLE**



# PeopleTools Personalization Enhancements

# Connect Your Workforce

*Collaboration Tools Embedded into Business Processes*



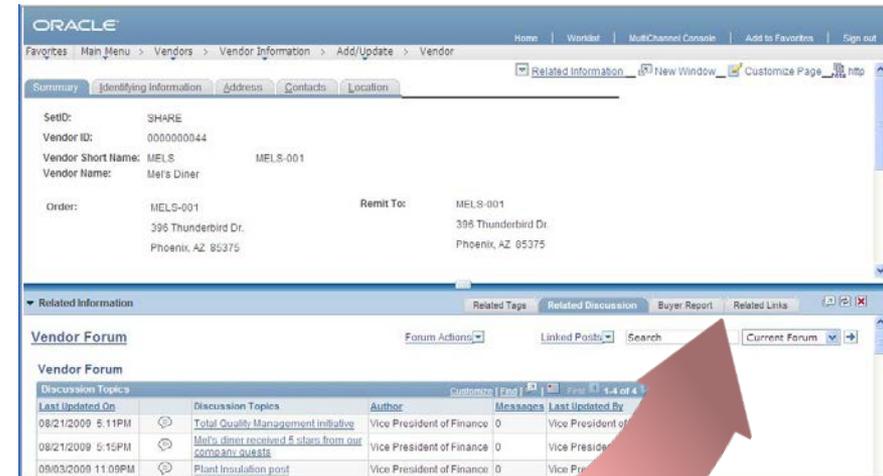
*Included with PeopleTools 8.50 License at No Additional Cost*

**ORACLE**

# Related Content: What is it?

## Information In Context of Application Pages

- Framework that allows associating PeopleSoft or non-PeopleSoft services to PeopleSoft application pages
  - Mash-up PeopleSoft transactions with collaborative, analytical, and informational content
    - Facilitates the free-flowing, ad-hoc nature of Web 2.0
    - Assist users in completing a business transaction without leaving PeopleSoft applications.
  - Pre-integration of collaborative services
    - SME configurable
    - Open Framework - Customers can develop their own services



The screenshot shows the Oracle PeopleSoft interface for Vendor Information. The page displays details for Vendor ID 0000000944, Vendor Short Name MELS, and Vendor Name Mel's Diner. Below the vendor details, there is a 'Related Information' section with tabs for 'Related Tags', 'Related Discussion', 'Buyer Report', and 'Related Links'. The 'Related Discussion' tab is active, showing a 'Vendor Forum' section with a table of discussion topics. A large red arrow points from the 'Related Discussion' tab area towards the text on the right.

| Last Updated On    | Discussion Topics                               | Author                    | Messages | Last Updated By   |
|--------------------|---|---------------------------|----------|-------------------|
| 08/21/2009 5:11PM  | Total Quality Management initiative             | Vice President of Finance | 0        | Vice President of |
| 08/21/2009 5:15PM  | Mel's diner received 5 stars from our customers | Vice President of Finance | 0        | Vice President    |
| 09/03/2009 11:09PM | Plant Insulation post                           | Vice President of Finance | 0        | Vice Pres         |

- Discussion forums
- Related links
- Tagging
- Analytics

Maintain Purchase Order

Purchase Order

Business Unit: US001 PO Status: Approved  

PO ID: DEMO

Copy From:

Hold From Further Processing

Header

\*PO Date: 02/20/2009  [Vendor Search](#) \*Vendor ID: Doc Tol Status: Valid 

Vendor: ERNIE'S-001  [Vendor Details](#) Receipt Status: Not Recvd

\*Vendor ID: SCM0000004  ERNIE'S BIKE SHOP \*Dispatch Method: Print

SCM0000004

\*Buyer: VP1  Kenneth Schumacher

PO Reference:

- [Header Details](#)
- [PO Activities](#)
- [Add Comments](#)
- [PO Defaults](#)
- [Activity Summary](#)
- [Add ShipTo Comments](#)

**Related Content**

- Discussion Forums

1,564.80  
0.00

Related Information

- Dun Bradstreet
- Related Tags
- Related Links
- Vendor Performance
- Vendor Discussions**

Add/Update POs Forum

Forum Actions  Linked Posts  Search  Current Forum

Add/Update POs Forum

| Discussion Topics |   |  |                           |          |                           |
|-------------------|---|--|---------------------------|----------|---------------------------|
| Last Updated On   |   | Discussion Topics                                    | Author                    | Messages | Last Updated By           |
| 08/03/2009 9:09AM |  | <a href="#">Vendor performance tracking</a>          | Vice President of Finance | 2        | Vice President of Finance |
| 04/30/2009 7:54PM |  | <a href="#">Midtown Computers Contract Renewal</a>   | Calvin Roth               | 1        | Vice President of Finance |
| 03/23/2009 1:43PM |  | <a href="#">Ernie's VP of Sales leaving.</a>         | Vice President of Finance | 1        | Vice President of Finance |
| 02/24/2009 2:20AM |  | <a href="#">Ernie joins bike supplier consortium</a> | Vice President of Finance | 1        | Anthony Garcia            |

Add/Update POs Tags

List: **Public** | Private  Public Tag Cloud

Maintain Purchase Order

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PO Reference:

- [Header Details](#)
- [PO Activities](#)
- [Add Comments](#)
- [PO Defaults](#)
- [Activity Summary](#)
- [Add ShipTo Comments](#)

Related Content

- Embedded Analytics

Merchandise: 1,564.80

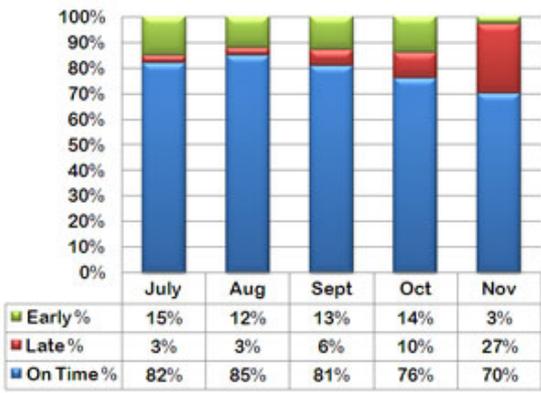
Freight/Tax/Misc.: 0.00

Total Amount:

Related Information

- Dun Bradstreet
- Related Tags
- Related Links
- Vendor Performance
- Vendor Discussions

On-Time Performance Midtown Computer Supplies



Maintain Purchase Order

Purchase Order

Business Unit: US001 PO Status: Approved

PO ID: DEMO

Copy From:

Hold From Further Processing

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SCM0000004

\*Buyer: VP1 Kenneth Schumacher

PO Reference:

- [Header Details](#)
- [PO Activities](#)
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- [PO Defaults](#)
- [Activity Summary](#)
- [Add ShipTo Comments](#)

**Related Content**

- **Linked Content**

Merchandise: 1,564.80

Freight/Tax/Misc: 0.00

Total Amount:

Related Information

- 
- 
- 
- 
- 

Linked Content

Customize | Find | View All | First 1-3 of 3 Last

|                          | Name   | Content Type      | Creator                   | Relevance | Updated Date/Time  |
|--------------------------|--|-------------------|---------------------------|-----------|--------------------|
| <input type="checkbox"/> | <a href="#">Buyers Team Workspace</a>                | Workspace         | Vice President of Finance | 0         | 03/23/2009 2:36AM  |
| <input type="checkbox"/> | <a href="#">Vendor space</a>                         | Workspace         | Vice President of Finance | 0         | 03/23/2009 2:06AM  |
| <input type="checkbox"/> | <a href="#">Ernie's Bike Shop - Future prospects</a> | Portal Discussion | Vice President of Finance | 1         | 03/23/2009 12:59AM |

Maintain Purchase Order

Purchase Order

Business Unit: US001 PO Status: Approved  

PO ID: DEMO

Copy From:

Hold From Further Processing

Header

\*PO Date: 02/20/2009  [Vendor Search](#) \*Vendor ID: Doc Tol Status: Valid 

Vendor: ERNIE'S-001  [Vendor Details](#) Receipt Status: Not Recvd

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SCM0000004

\*Buyer: VP1  Kenneth Schumacher

PO Reference:

[Header Details](#) [PO Activities](#) [Add Comments](#)

[PO Defaults](#) [Activity Summary](#) [Add ShipTo Comments](#)

**Related Content**

- Tagging

Merchandise: 1,564.80

Freight/Tax/Misc.: 0.00

Related Information

[Dun Bradstreet](#) **[Related Tags](#)** [Related Links](#) [Vendor Performance](#) [Vendor Discussions](#)

Tags

List: [Public](#) | [Private](#)

Bike Supplier, Ernie's, Star3 Quality, Timely Shipment

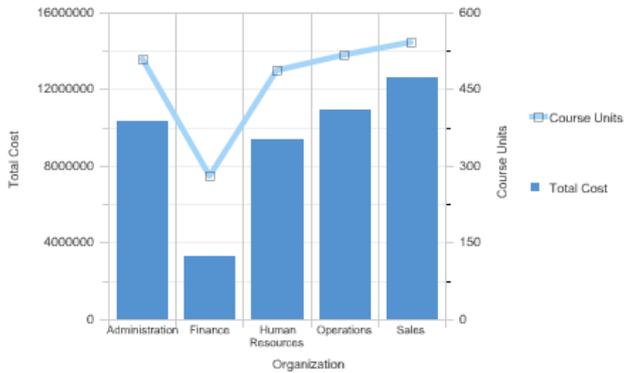
Tagged by 1 user

[Search Tags](#)

# PeopleSoft Applications Portal

## Learning Costs by Organization

### Cost by Organization Chart



Print

## At Risk Alert



### Top Performer At Risk

KU0020 Christelle Stevenson  
WC0043 Elizabeth Weber  
[Show All Results](#)

## Manager Learning Center



### Team Members

View a list of your direct reports and their current learning activities.



### Certification Status

Review your team members certification status.



### Supplemental Learning

Request credit for learning completed by your team members outside the learning catalog.



### Search Catalog

Search Catalog



### Browse Catalog

Browse Catalog



### Team Learning

Review your team members enrollment record, progress status, and schedule using selected filter options.



### Team Learning Objectives

Review your team members objectives, progress status, and enrollment options using selected filter options.

## Learning and Development



### My Profile

Employee Career Planning Self Service  
Employee Profile



### Career Planning

Employee Career Path Progression Chart



### My Performance

Update or view your performance documents for the current period.



### My Learning

View a summary of your learning activities, certification status, and objectives.



### My Learning Plan

Display the learner's Learning Plans



### Supplemental Learning

Request credit for learning completed outside the learning catalog.



### Internal Vacancies

View jobs and manage your applications.



### My CV

Employee Career Planning Self Service  
Resume.

## Workcenters



### My Career Planning

Maintain your career plans.



### My Learning

View your learning, certification status and objectives.



### Recruiting

# Page Personalization

OK Cancel Copy Settings

## Page Personalization

Save the state of the expanded/collapsed sections on this page.

Save tabbing order personalized below.

To define new tabbing order, select Clear Tabbing Order, then click items to include in desired sequence. This new Tab order setting may be overridden by the people code command SetCursorspos().

### Director-Human Resources

Career Move: 0  
Job Option Number: 1

### Chief Human Resource Officer

Career Move: 1  
Job Option Number: 1

### President & CEO

Career Move: 2  
Job Option Number: 1

Data Language: English New Window Help Personalize Page

View your career path(s). You can select the Job Title in the career progression chart to view the job summary information. You can compare your competencies with those of any job in your career path to view gap or fit percentage.

Current Job: Director-Human Resources

Career Path - Approved/Official ?

131

Profile Summary - Director-Human Resources ?

Job Title: 420060 - Director-Human Resources  
Business Unit: GBIBU General Business International  
Department: Human Resources  
Location: Corporation Headquarters

#### Required Competencies

##### Competency Details

| Competency                | Required Competencies |
|---------------------------|-----------------------|
| Analytical thinking       | 3-Average             |
| Creativity and Innovation | 3-Average             |