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## **WebCenter Interaction 10gR3 Overview**

**Brian C. Harrison**  
**Product Management**  
**WebCenter Interaction and Related**  
**Products**



# Summary of Key Points

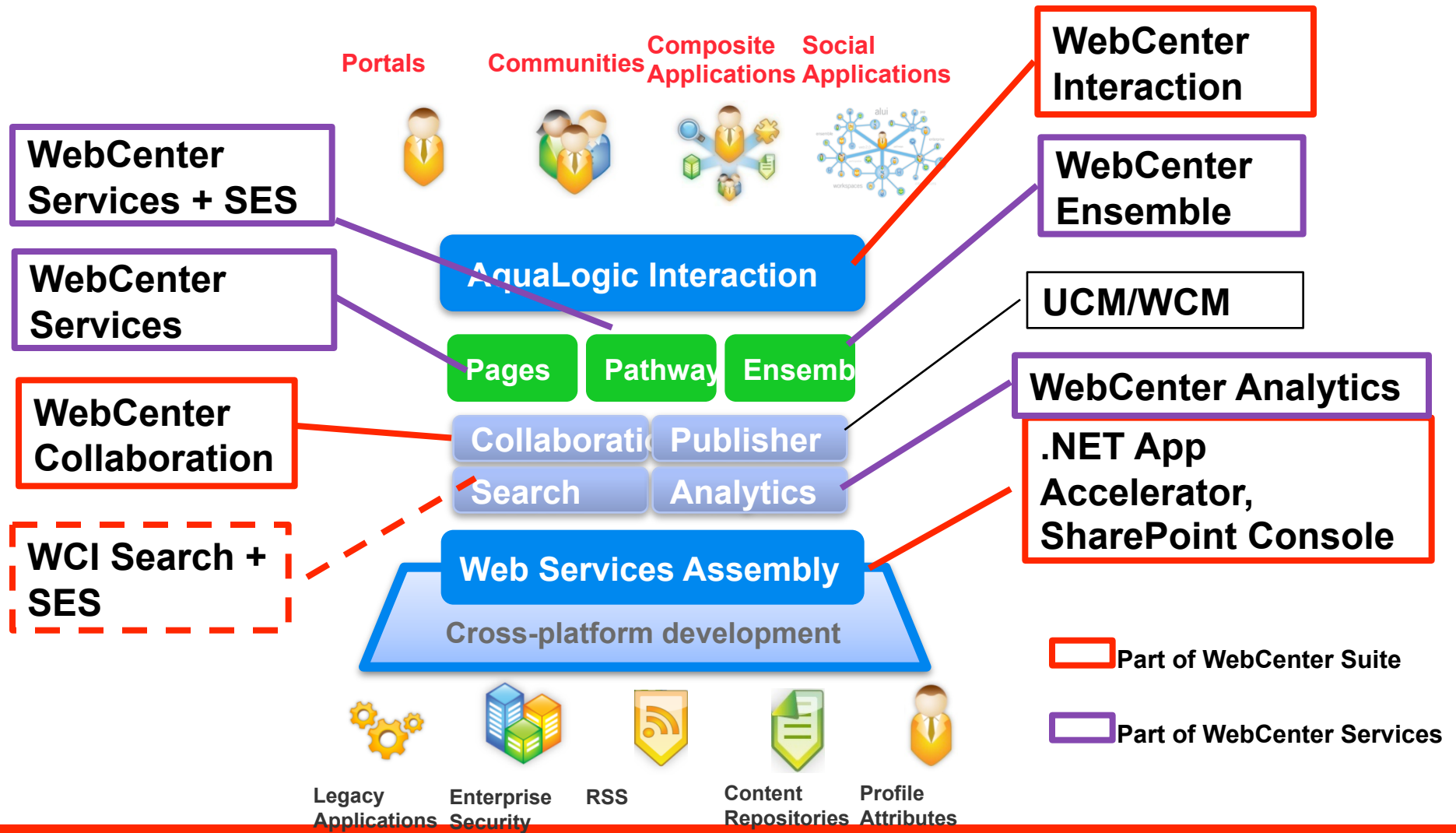
- AquaLogic Interaction portal has been renamed WebCenter Interaction (WCI)
- WCI will continue to have significant new releases with no forced migration: **Latest Release: 10gR3 (6.5 MP2)**
- The ALUI products are now part of the Oracle WebCenter Suite and WebCenter Services; and a key part of Oracle's R&D investment & innovation in portals and Enterprise 2.0
- Consider WebCenter Services as an option for pre-integrated, value-adding enhancements to your portal deployments
- Leverage Product Management for guidance and give us your feedback



# Where Does WebCenter Interaction Fit?

- Fully supported by Oracle Engineering with major and minor releases going forward
- Goal: maintain and grow the significant installed base
- Individual upgrades for ALUI products available for pre-acquisition existing customers
- Backward compatible platform support for existing ALUI customers including fully certified .NET support
- Now part of WebCenter Suite; license migration available but not required
- 2009/2010 focus on new innovations and interoperability with other Oracle components

# ALUI Products Now Part of Oracle WebCenter Suite and WebCenter Services





# Where WCI is today



# Key Concepts

## **WebCenter Interaction 10gR3**

A complete update of the product's end user experience leveraging adaptive layouts, one-click page creation, drag-and-drop editing and social computing capabilities.

## **WebCenter Collaboration 10gR3**

Full immersion of the end user in the collaborative experience. Key capabilities include enhanced integration with Microsoft Office, RSS notifications and drag-and-drop layout editing.

## **WebCenter Analytics 10gR3**

Improved access to analytics data through WS-SOAP API and improved filtering. Additionally, Analytics 10gR3 supports load balancing and clustering for improved performance and zero downtime.

# WCI 10gR3 Highlights

- Social Interaction Framework
- Complete UI Refresh
- Adaptive Layouts
- Usability Enhancements
- RSS Everywhere
- Friendly URL's
- Support for New Standards & Platforms
- Search Enhancements



# Social Interaction Framework

## Employee Profile Pages

Welcome Solomon David Kidd! Administration | Favorites | My Account | Help | Log Off

**bea** AquaLogic Interaction

Enter Search Keywords Search  
Advanced Search

My Profile | My Pages | My Communities | Directory | Mandatory Community

Profiles > Dax Farhang search user

**Status Updates**

**Personal Tag Clouds**

**Activity Streams**

**My Picture**  
Upload Picture

**General Information**

Name:	Dax Farhang
Title:	Engineering Product Manager Sr
Email Address:	dfarhang@bea.com
Mobile Phone:	+1 415 3109367
Phone Number:	+1 415 402-7208
Department ID:	5914

**Multi-User Activity Stream** Show: 10 Items

**Today**

- Steve Hamrick updated the ALI 6.5 UI schedule.doc.
- Dax Farhang approved change request for ALI 6.5 new product introduction process.
- Dax Farhang is now the administrator of the ALI 6.5 Product Management Community.

**Yesterday**

- Steve Hamrick updated the ALI 6.5 UI schedule.doc.
- Dax Farhang and Caius Van Nouhuys are now friends.
- Dax Farhang is now the administrator of the ALI 6.5 Product Management Community.
- Daisy Hernandez created a new community for the program management team named the ALI 6.5 Program Management Community.

**November 16**

- Steve Hamrick is creating Product Management documents.

**My Tags**

activityrank **baconsalt** bpm  
buglist content services customer  
1000 ensemble enterprise 2.0  
firefox graffiti great guy knowledge  
management **marketing** mppe  
one pack pages **pathways**  
platform pm portal vulnerability prd  
q108 rank engine **rip** search  
security soa stand-alone ensemble  
style guide toolbar xoi

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# Social Interaction Framework

## Activity Stream

The screenshot displays a window titled "Multi-User Activity Stream" with a "Show: 10 Items" dropdown menu. The activity stream is organized into three date-based sections: "Today", "Yesterday", and "November 16".

- Today:**
  - Steve Hamrick updated the ALI 6.5 UI schedule.doc.
  - Dax Farhang approved change request for ALI 6.5 new product introduction process.
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- November 16:**
  - Steve Hamrick is creating Product Management documents.

Automatically Track Status Changes

Subscribe via RSS

REST API

# UI Refresh

- Out-of-the-box UI easy to restyle with CSS
- Tableless layout using DIVs
- Elimination of pop-up windows
- Support for the “classic” UI

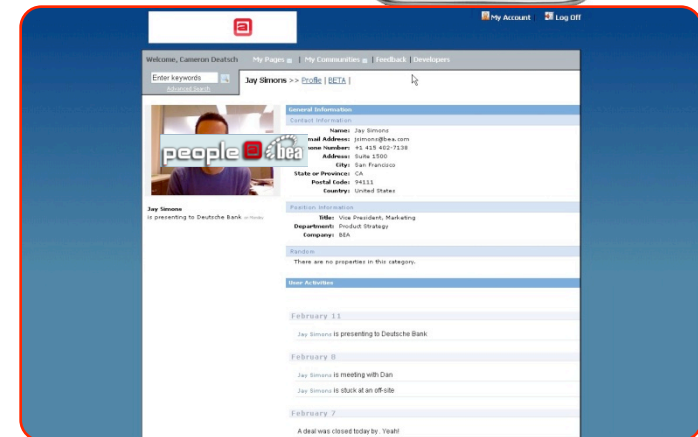
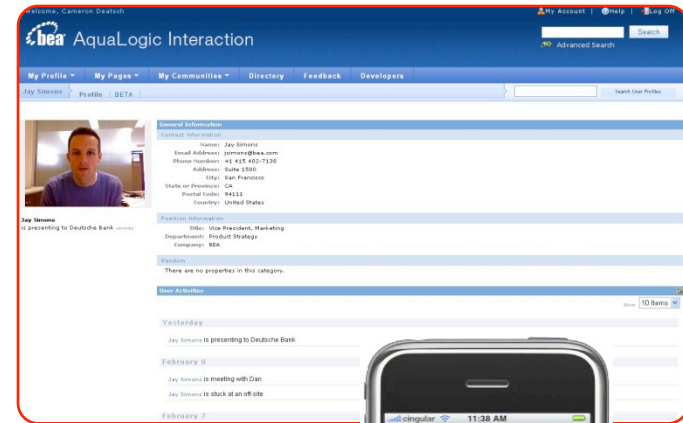
The screenshot displays the AquaLogic Interaction web application interface. The top navigation bar includes links for Administration, My Account, Help, and Log. The main header features the bea logo and the text "AquaLogic Interaction". Below the header is a navigation menu with options: My Profile, My Pages, My Communities, and Directory. A search bar is located on the right side of the header. The main content area is divided into several panels:

- RSS Reader Portlet:** Displays a list of documents under the heading "ND\_0".
- Pathways Items:** Includes a "View:" dropdown menu set to "Everyone's Tags", a search input field, and buttons for "Search" and "Display in Pathways".
- My Projects:** A table listing projects with checkboxes, project names, and status percentages.

Project Name	Status
Gopi's Project	0%
Kishore Project	8%
ND_0	0%
Test 1	0%

# Adaptive Layouts

- The following pages/areas are configurable via XML & XHTML layouts
  - ▶ Community Pages
  - ▶ My Pages
  - ▶ Knowledge Directory
  - ▶ Search Results
  - ▶ User Profile Pages
- Layouts leverage adaptive tags that can be reused throughout the page
- Experience definition rules

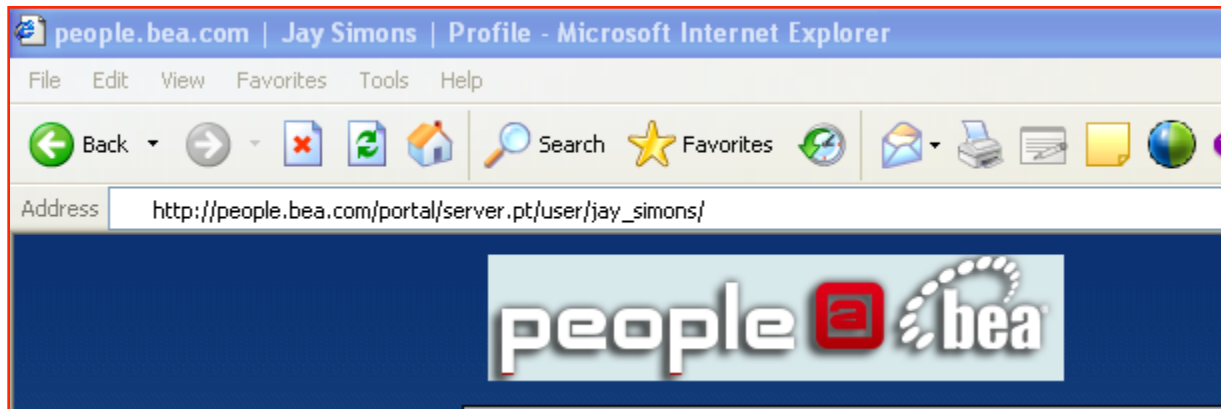


# Usability Enhancements

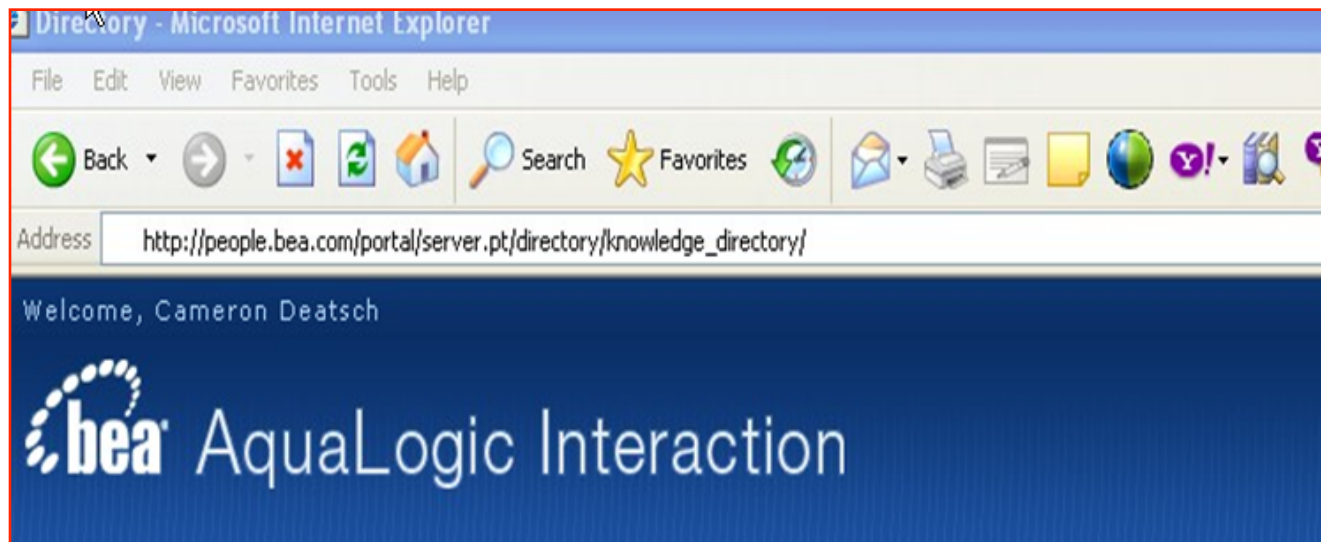
- One click page creation
- One-click community subscribe / unsubscribe
- Drag & Drop Layout Editor

The screenshot displays the 'Edit Page' interface. At the top, there is a 'Change Page Name:' field with the text 'New Page'. Below this, a message states: 'Add portlets by clicking Add to Page or the portlet icon. Click preview to view the portlet.' The interface includes a 'Sort By:' dropdown menu set to 'Item Name Ascending' and a search box labeled 'Search for Portlets' with the placeholder text 'Enter keywords' and a 'Search' button. The main area contains a grid of portlets, each with a title, a set of action links (Add to Page, Preview, Invite), and a modification date. The portlets are: 'Actions', 'All Tracks + Session', 'Folder Expertise', 'Active Groups', 'Community Links Portlet', 'General Information', 'Agenda 3-Hour View', 'Contacts', and 'Group Actions'. A 'Close Editor' button is located at the bottom left, and a pagination control at the bottom right shows 'Previous', '1', '2', '3', '4', and 'Next'.

# Friendly URLs

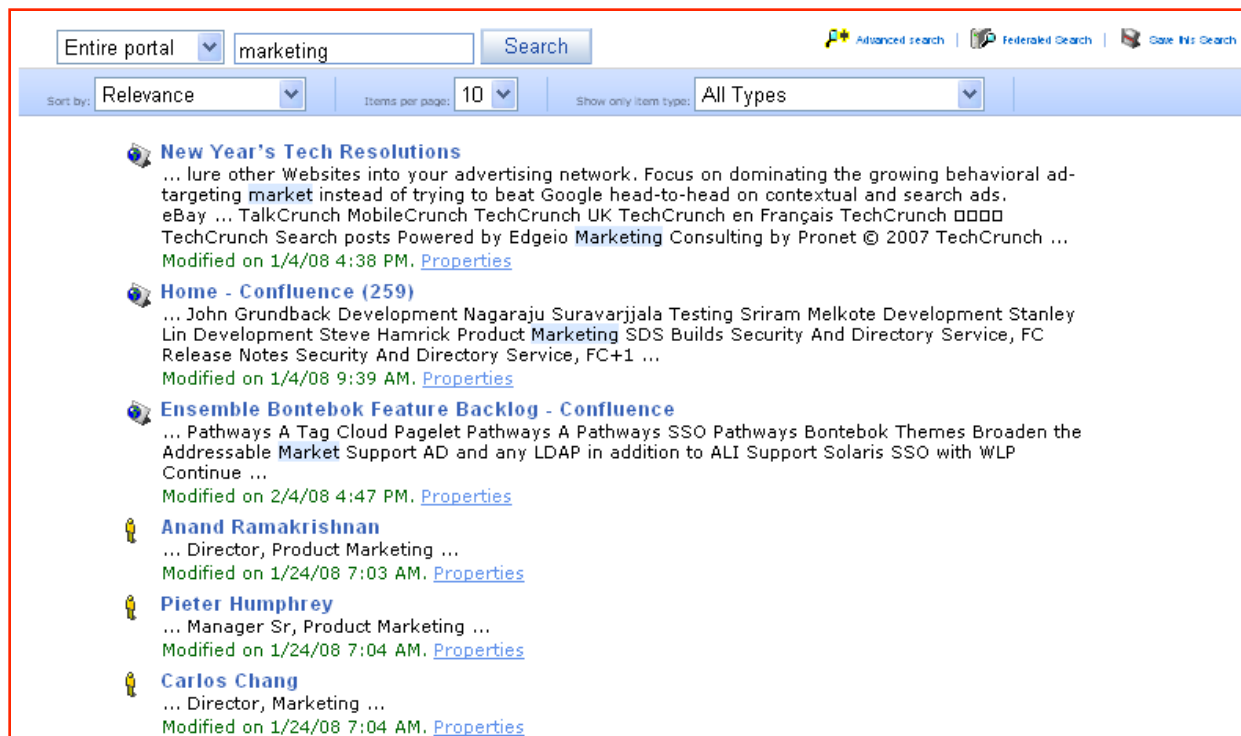


- Profiles
- Knowledge Directory
- My Pages
- Communities



# Search Enhancements

- Refreshed Search UI
- Simplified search results
- Enhanced filtering capabilities

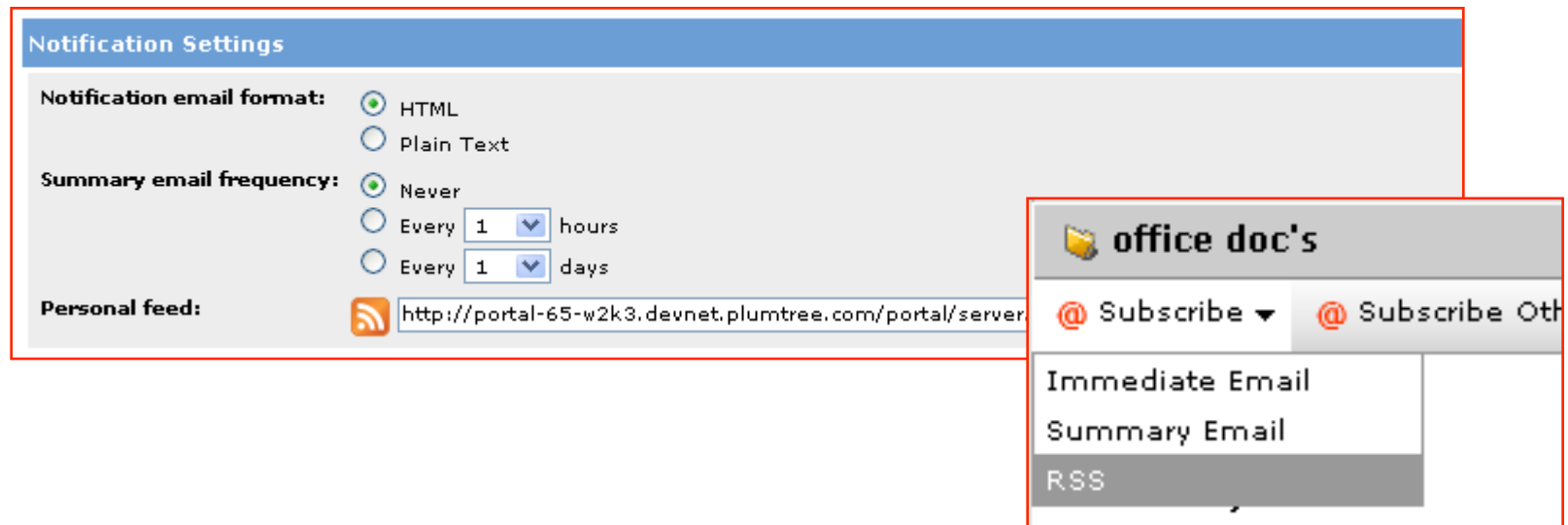


The screenshot displays a search interface with the following elements:


- Search Bar:** Contains the text "marketing" and a "Search" button. Above the bar are links for "Advanced search", "Federated Search", and "Case No Search".
- Filters:** "Sort by: Relevance", "Items per page: 10", and "Show only item type: All Types".
- Results:**
  - New Year's Tech Resolutions:** Includes a snippet about advertising networks and a "Properties" link. Modified on 1/4/08 4:38 PM.
  - Home - Confluence (259):** Includes a snippet about John Grundback and a "Properties" link. Modified on 1/4/08 9:39 AM.
  - Ensemble Bontebok Feature Backlog - Confluence:** Includes a snippet about Pathways A Tag and a "Properties" link. Modified on 2/4/08 4:47 PM.
  - Anand Ramakrishnan:** Includes a snippet about Director, Product Marketing and a "Properties" link. Modified on 1/24/08 7:03 AM.
  - Pieter Humphrey:** Includes a snippet about Manager Sr, Product Marketing and a "Properties" link. Modified on 1/24/08 7:04 AM.
  - Carlos Chang:** Includes a snippet about Director, Marketing and a "Properties" link. Modified on 1/24/08 7:04 AM.

# RSS Everywhere

- RSS on every community, page and object
- RSS portlet to display RSS feeds
- Ability to crawl RSS feeds into the knowledge directory
- RSS supports authentication credentials
- Personal RSS feeds for every user



The image shows two overlapping screenshots from a web application. The top screenshot is a 'Notification Settings' panel with the following options:

- Notification email format:**  HTML,  Plain Text
- Summary email frequency:**  Never,  Every 1 hours,  Every 1 days
- Personal feed:** 

The bottom screenshot shows a context menu for an RSS feed titled 'office doc's'. The menu items are:

- @ Subscribe ▼
- @ Subscribe Oth
- Immediate Email
- Summary Email
- RSS



# New Standards & Platforms

- **Operating Systems**

- Windows Server 2003 SP2, SP1
- RedHat Enterprise Linux 4.0 (x86)
- SuSE Enterprise Linux 9 (x86)
- Solaris 9, 10 (SPARC)
- IBM AIX 5.3 (POWER)
- HP-UX 11i V3 (Itanium)

- **Application Servers**

- IIS 6.0, .NET Framework 2.0
- Tomcat 6.0.14 w/ JDK 1.5.0
- Weblogic Server 9.2 MP2
- Weblogic Server 10.0
- IBM Websphere 6.1

- **Databases**

- ▶ Microsoft SQL Server 2005 (32 and 64 bit) SP1 & SP2
- ▶ Oracle 9i (9.2.0.7)
- ▶ Oracle 10g R2 including RAC
- ▶ IBM DB2 UDB 9.5

- **Browsers**

- ▶ Microsoft Internet Explorer: 6.0, 6.0 SP1, 6.0 SP2, 7.0
- ▶ Netscape: 8 and 7.2
- ▶ Safari: 3.0 (Mac and Windows)
- ▶ Firefox: 3.0, 2.0





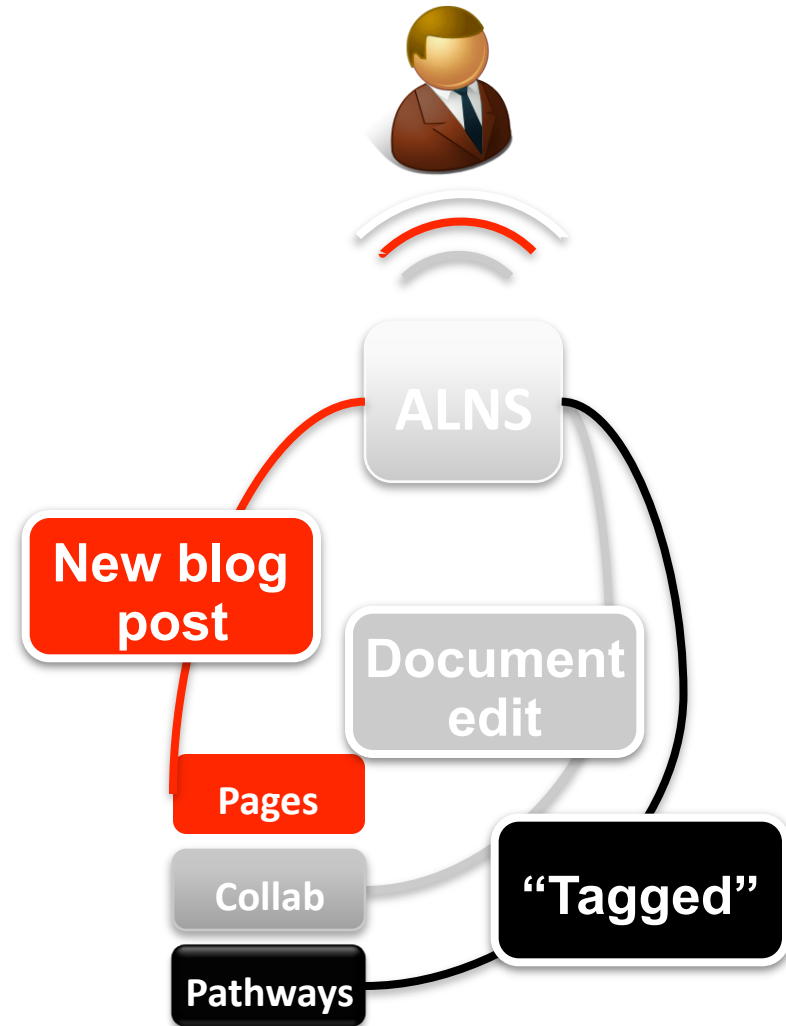
# ALI Collaboration 4.5 Highlights

- Improved notifications- AquaLogic Notification Service
- Tag documents in collaboration
- Custom document properties
- Drag and drop layout editing
- Desktop integration via Microsoft Office Ribbon

# AquaLogic Notification Service

Track feeds within and outside of the portal

- Notification engine for ALI and Activity Services
  - Item level RSS feeds
  - Personal RSS feeds
  - RSS feed security
  - Summary/Immediate email
- API for custom apps
- Multi-channel delivery (IM, RSS, Email)
- Powers ActivityFeed



# Tagging Documents within Collaboration

The screenshot illustrates the process of tagging documents in a collaboration tool. It is divided into three main sections:

- Document List:** A table listing documents with columns for Name, Date Modified, and Checked In By.
- Document Properties:** A detailed view of the selected document, including a 'Tags' section with a search input and an 'Apply Tags' button.
- Document Link:** A field for the document's URL and a 'Copy to Clipboard' button.

	Name ▲	Date Modified	Checked In By
<input checked="" type="checkbox"/>	custom prper check from collab.docx	1/31/08 9:57 PM	gopi
<input type="checkbox"/>	gif file.GIF	1/31/08 9:45 PM	gopi
<input type="checkbox"/>	gopi second.docx	1/31/08 7:55 PM	gopi
<input type="checkbox"/>	gopi third.docx	1/31/08 7:56 PM	gopi

	Name ▲	Date Modified	Checked In By
<input checked="" type="checkbox"/>	custom prper check from collab.docx	1/31/08 9:57 PM	gopi
<input type="checkbox"/>	gif file.GIF	1/31/08 9:45 PM	gopi
<input type="checkbox"/>	gopi second.docx	1/31/08 7:55 PM	gopi
<input type="checkbox"/>	gopi third.docx	1/31/08 7:56 PM	gopi

**Document Properties:**

**Tags:** product, m

**Document Link:** http://port

**Document Properties:**

**Tags:** marketing process product

**Document Link:** http://portal-65-w2k3.devnet.plumtree.com/portal/server.pt/gateway/PTA Copy to Clipboard

# Custom Document Properties

Custom Properties

Add the custom properties that you would like to set as project-w

Custom Properties

Add Property  Remove

<input type="checkbox"/>	Name	De
<input type="checkbox"/>	Address	us
<input type="checkbox"/>	sa Property	te
<input type="checkbox"/>	sa date(property)	da

Edit Document Properties

Finish Cancel

Properties Security

Edit this document's properties

Document Properties

Name: custom prper check from collab.docx

Author: gopi

File Type: Microsoft Word

Summary:

Make available as an Office Document Template

Advanced Properties

Content Type: application/msword [Suggest a content type](#)

Custom Properties

Add Property  Remove

<input type="checkbox"/>	Name	Value
<input type="checkbox"/>	Address	hyd - india
<input type="checkbox"/>	sa Property	testing
<input type="checkbox"/>	sa date(property)	date

- Mandatory properties by project
- Easily add new properties
- Improved content publishing

# Drag-and-Drop project overview

The screenshot displays a web interface for a project titled "Gopi's Project". The page includes a navigation bar with options like "Remove from My Page", "Subscribe", and "Notify". The main content area features a description, a status indicator showing 0% progress, and sections for announcements and updated documents. A large image of a red bicycle is prominently displayed on the right side of the page.

**Description:**  
**Status:** ● 0%

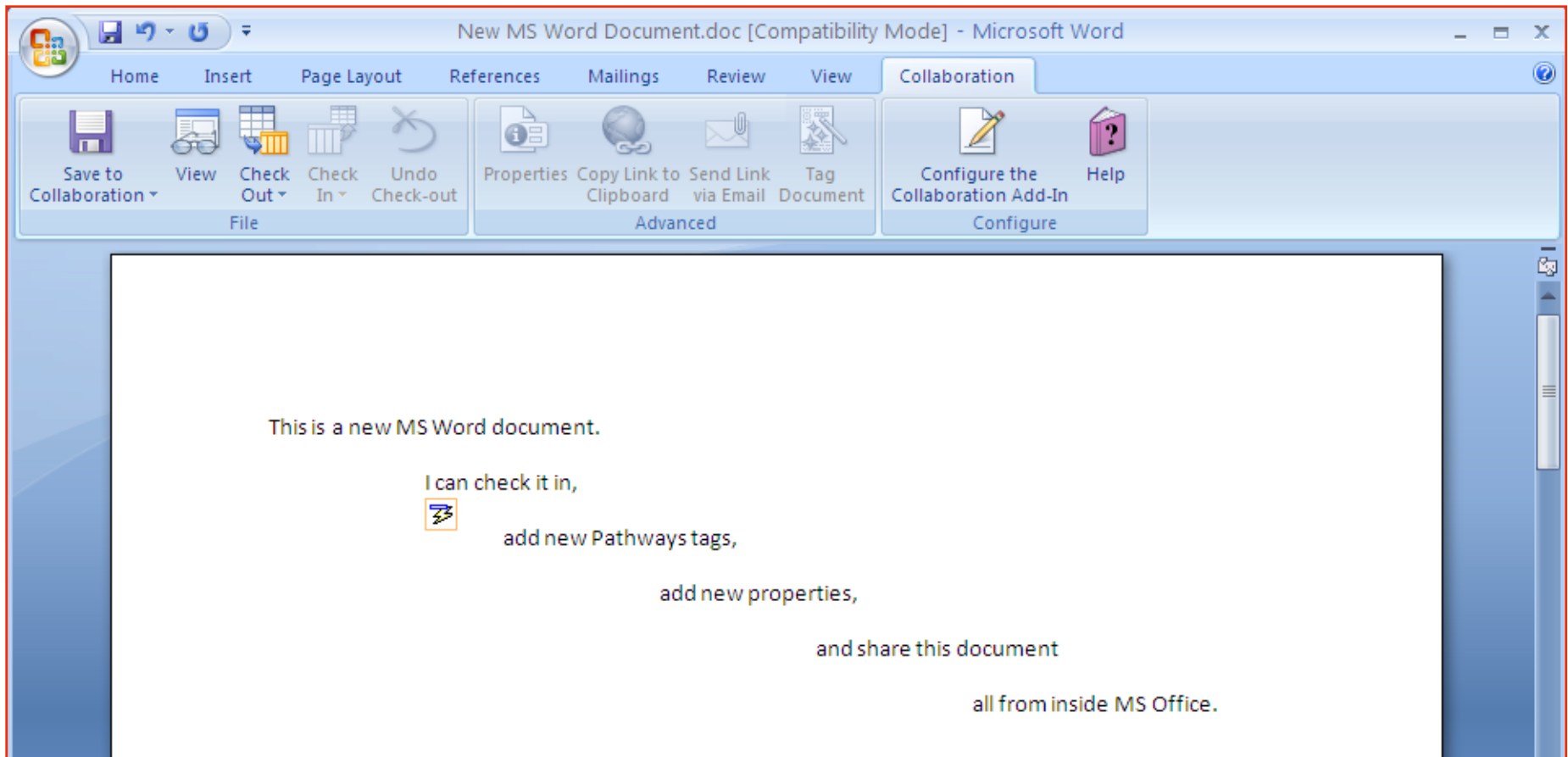
**Announcements**  
+ New Announcement @ Subscribe  
No announcements for this project.

**Updated Documents**

Document	Checked in
New Microsoft Word Document_9.doc	2/10/08
Admin.doc	2/7/08
Encoding2.doc	2/7/08
Comm-image.doc	2/7/08
level3.txt	2/7/08

[Go to Documents](#)

# Desktop Integration Office 2007 Ribbon Plug-in





# WebCenter Console for SharePoint

- Increase employee productivity with a single point of access to SharePoint resources dispersed throughout the enterprise
- Unified search across multiple SharePoint sites and sub sites
- Click through to Windows SharePoint Services

# Search and SharePoint Items Portlets

The screenshot displays the SharePoint console interface. At the top, there is a navigation bar with links for 'My Home', 'Welcome, Administrator', 'My Account', 'Log Off', 'Help', and a search box set to 'Everywhere'. Below this are tabs for 'My Pages', 'My Communities', 'Directory', and 'Administration'. The main content area is titled 'SharePoint Console Home' and includes an 'Edit This Community' link.

The 'SharePoint Search' portlet is active, showing a search for 'tradeshov'. The results are as follows:

Name	Site
Mktg Communications Calendar and Dashboard 2005.xls	Marketing Team Site
Tradeshov Preparation.docx	Marketing Team Site

The 'Most Recently Used SharePoint Items' portlet shows a list of items:

Name	Site
developer support review.doc	Team Site
AquaLogic User Interaction Integration Roadmap WSS	Mark's Web Site
Odyssey ADC Tests	Mark's Web Site
Installer	Mark's Web Site
installer_debug.txt	Mark's Web Site
Announcements - Test Announcement	Mark's Web Site
Announcements - ぶまぶまぶまぶまぶまぶまぶまぶまぶまぶ	Mark's Web Site
Announcements - New Post Test	Mark's Web Site
Announcements - sadé's annonce en français	Mark's Web Site





# Oracle WebCenter Interaction 10gR3 Now Available

- Nov. 13 2008 GA; think of it as ALI 6.5 MP2
- Oracle Branded Release
  - No More License Checks
  - Support for WebLogic Server 10gR3 (10.3) and JDK 1.6
- Certified interoperability with WebCenter Services 10gR3 and Universal Content Management\*
  - Wikis, blogs, other Web 2.0 services
- Upgrade from ALI 6.x, 5.x
- Several new features including:
  - Expanded experience definition capabilities that allow experience rules based on browser HTTP header strings.
  - Enhancements to adaptive layouts including: adaptive-layout based search results, out-of-the-box iPhone adaptive layout and global overrides for adaptive layouts

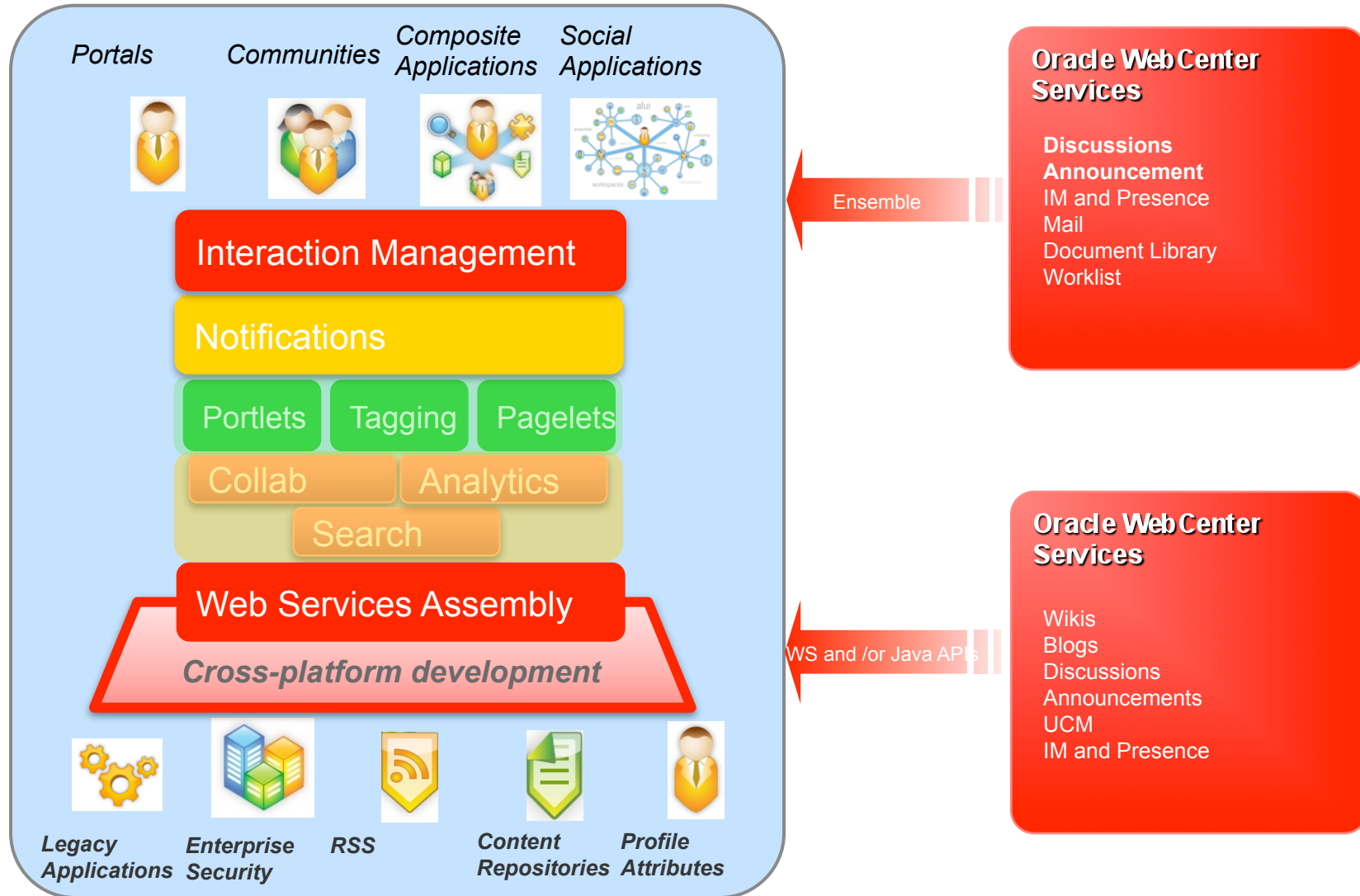
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\* UCM interoperability via certification of UCM WSRP portlets



# WCI Value Prop with WebCenter Services

# WCI Consuming WebCenter Services



# Wikis, Blogs and Discussions

## User-generated Content and Collaboration



	Key Features	Integration Options
<b>Wikis</b>	<ul style="list-style-type: none"><li>•Multiple domains; Search</li><li>•Versioning; Trackbacks</li><li>•Access metrics; Macros</li><li>•RSS; Attachments</li></ul>	<ul style="list-style-type: none"><li>•Web service</li><li>•JSR 168 portlets</li><li>•iFrame</li><li>•HTTP</li></ul>
<b>Blogs</b>	<ul style="list-style-type: none"><li>•Permalinks; Versioning</li><li>•Search; Attachments</li><li>•RSS</li></ul>	<ul style="list-style-type: none"><li>•Web service</li><li>•JSR 168 portlets</li><li>•iFrame</li><li>•HTTP</li></ul>
<b>Discussions</b>	<ul style="list-style-type: none"><li>•Supports forums, topics, posts</li><li>•Organize by favourites, popularity</li><li>•RSS</li><li>•Web-based administration</li></ul>	<ul style="list-style-type: none"><li>•JSR 168 portlets</li><li>•Multiple Business Dictionary Components</li></ul>

# WebCenter Services

## Mashups with Oracle WebCenter Ensemble

- Mashup HTTP-based services to create or extend the value of applications
- Build libraries of reusable widgets, UI components, and programmable functions
- Centralize authentications, provisioning, analytics for Web apps
- **New features as part of WebCenter Services 10gR3**
  - **Widget Production for WebCenter Interaction and Universal Content Management**
  - 
  - **Web Injection** – Enables web page alteration via Ensemble’s runtime proxy; alterations can include insertion of widgets, changing styles, removing content etc.
  - **JavaScript Widgets** – Insert a portlet into any page via JavaScript and integrate with the portlet’s authentication mechanism.
  - **Lightweight Clipping** – Render any page or sub-section of a page as a widget.
  - **REST-based extensibility** – APIs for resource and widget introspection (including CRUD operations), widget discovery, and credential management.
  - **Enhanced federated identity** – improved SPNEGO integration for primary and resource authentication.

The screenshot shows the Oracle WebCenter Ensemble administration console. At the top, there are navigation tabs: APPLICATIONS, POLICIES, AUDIT, EXPERIENCES, PROXY AUTHENTICATION, ADMINISTRATION, HELP, and LOGOUT. Below these, there are sub-tabs for Policy Sets and Rule Library. A search bar with 'Search' and 'Clear' buttons is present. The main content area displays a table of Policy Sets with columns for Name, Owner, and Status. Below the table, there are tabs for General, Policies, and Authentication Level. The Authentication Level tab is active, showing a 'Minimum Credential Level' dropdown menu set to '1 (Form Authenticator)'. A 'Save' button is at the bottom right. A note at the bottom left states 'Required fields are marked with an asterisk'.

Name	Owner	Status
a Collab Server	Administrator	Enabled
a Composite App	adam	Enabled
a Pagelet Server	adam	Enabled
a ROI Tracker	adam	Enabled
a WLP Server	adam	Enabled
CA SiteMinder sample login resource Policy set		Enabled
Dev2Dev Paris	adam	Enabled
Dev2Dev Paris Collaboration	adam	Enabled
login - default login resource Policy set		Enabled
No weekend access experience samples resource Policy set		Enabled

# WebCenter Services

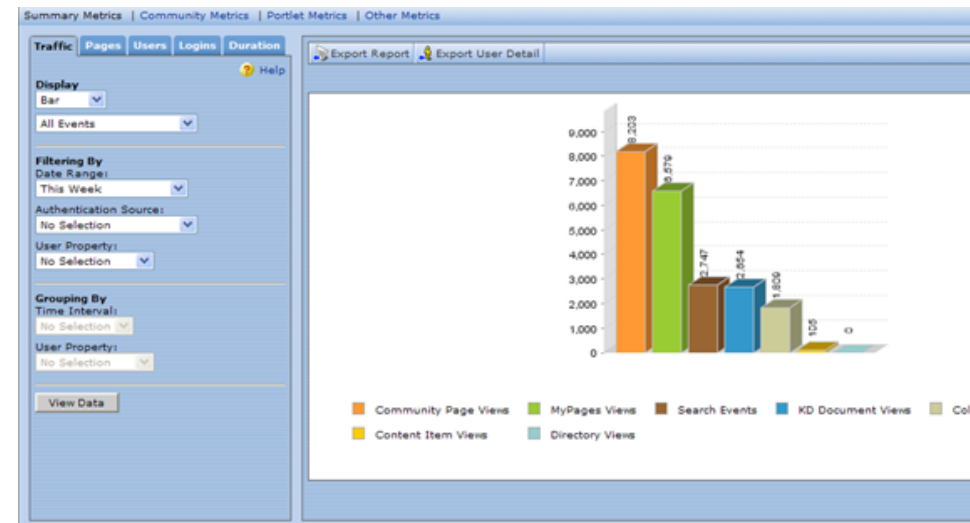
## Portal Intelligence with WebCenter Analytics

- **Key Capabilities**

- Track all portal activity
- Filter by user, group, IP address
- Real time data capture & reporting
- Packaged portlet templates
- API for analytics-driven applications

- **Benefits**

- Identify successful applications and communities
- Locate & remove stale content
- Prevent sprawl
- Improved governance
- Better measure ROI



## Q&A

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**Blog: <http://blogs.oracle.com/WCI>**

