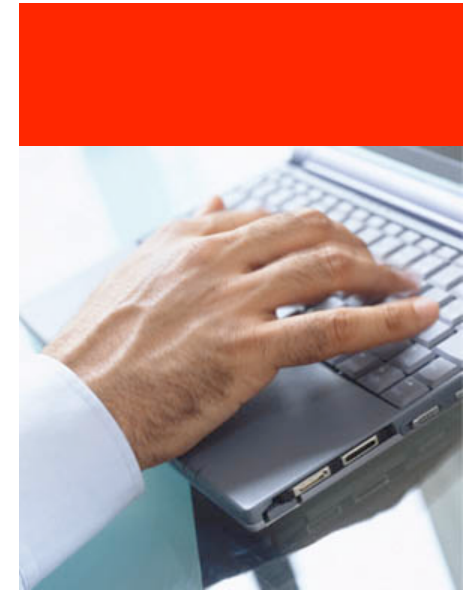ORACLE®

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WebCenter Interaction Essentials: Advanced Multi-Channel UI Customizations with Adaptive Layouts
Session #904

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Principal Product Manager

Program **Agenda**

- Understanding Experience Definitions & Experience Rules
- Adaptive Layouts
- Adaptive Styles
- Adaptive Tags
  – Standard Tags (pt:common)
  – Navigation (pt:plugnav)
  – Data (pt:data)
  – Common UI components (pt:ptui)
- Demonstration of a multi-channel environment

Experience Definitions and Experience Rules

- Provide multiple user experiences within one portal
- Define certain elements of a user experience
  - Page Layout settings
  - Branding Style
  - Navigation
  - Portal functionality availability
- Rules define what conditions, when met, a user will see a particular experience
  - Group Membership
  - Community Membership
  - IP Address or URL requested

Adaptive Layouts

- Set of XHTML templates that allow for quick changes to look and feel using Adaptive Tags
- Displayed using Remote Portlet Web Services
- Applied to a Experience Definition and affect the entire Experience
- All default layout templates are stored on the Image Server
  - XHTML
  - iPhone
- Creating a new Layout requires the following knowledge: HTML, CSS, and JS at a minimum

Adaptive Layout Types

Layout Type	Description
Base Page	Controls the layout of everything surrounding the content area, such as the header, footer, banner, and navigation.
Profile Page	Controls the layout of everything within user profile pages
Knowledge Directory	Controls the layout for the content in the KD.
Search Results	Controls the layout for the content area in search results.
Portlet Selection	Controls the layout of the flyout editor used to select portlets
Portlet Layout	Controls the column layout for the content area (where portlets are placed) and the look of portlets (the borders and portlet toolbar)

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Adaptive Styles

- Allows for the modification of page layouts and their design using the portal CSS template

- Application Level of Styles
  - Page ID
  - Specific User or Type of User
  - Specific Portlet or Group of Portlets

- Constraints on portlets for a specific page or set of pages can be applied
  - Setting the width or the height

Adaptive Style Elements

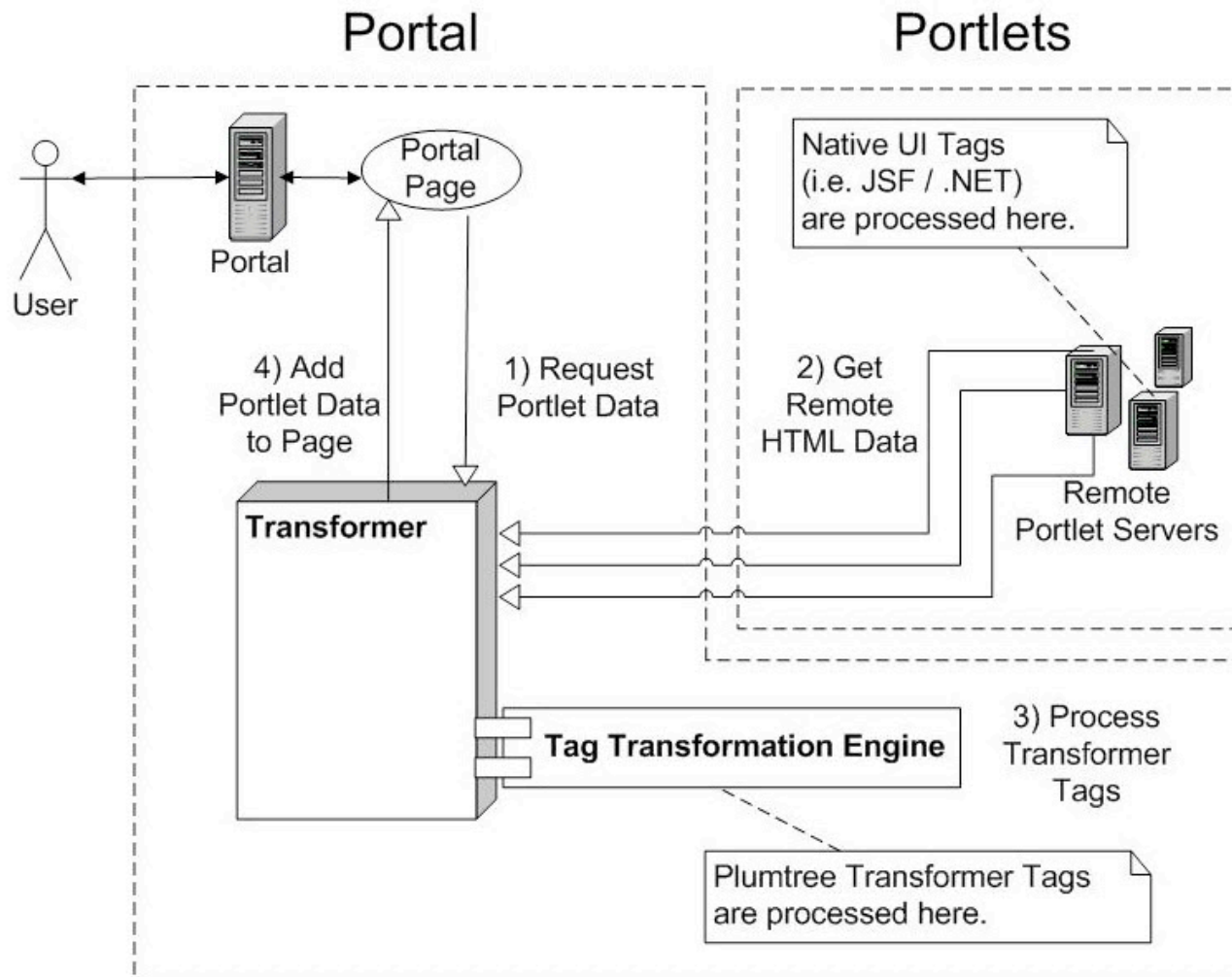| Style Element	Description
Base Page	Control style and layout for base page elements, including the action bar and banner
Navigation	Control style and layout for navigation elements, including the menus and breadcrumbs
Search	Control style and layout for search elements, including search forms
Editing	Control style and layout for editing elements, including the page editing elements near the navigation breadcrumb and the flyout page and portlet editor elements
Directory	Control style and layout for Directory elements
Portlet	Control style and layout for portlet elements
User	Control style and layout for user elements, including user profile, user activity stream, user friends and user information components

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Adaptive Tags

- Collection of XML tags that can be included in the markup returned by any gatewayed page
- Provide an easy way to create page layouts with out a lot of development knowledge
- Using the attributes defined for the tag, the gateway transforms the XML and replaces it with HTML
- Ability to create custom tags is also available
  - Available in both .NET and Java

Adaptive Tag Libraries

Style Element	Description
plugnav	Used to manage the display of navigation based elements, such as dropdown menus
ptdata	Used in combination with plugnav libraries by providing access to URLs
ptui	Tags for adding standard ALI user interface components to any pagelet, including search inputs and buttons, login components, etc
standard	Allows for the creation of links to specific portal objects, the portal login page, or to specific portlets. The building of gatewayed URLs and tree controls is also available
core, common, constants, logic	Cross-product adaptive tag libraries providing key functionality for use in pagelets

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Adaptive Tag Control Flow

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Resources & Learn More

- Experience Definitions & Experience Rules
  - http://edocs.bea.com/en/alui/ali/docs65/
    AdministratorGuide_ALI_6-5/con_experiencedefinitions.html

- Working with Adaptive Page Layouts
  - http://edocs.bea.com/en/alui/devdoc/docs6x/aluidevguide/
    con_adaptivepagelayouts.html

- Adaptive Tag Developer Guide
  - http://edocs.bea.com/en/alui/devdoc/docs6x/aluidevguide/
    con_tags.html

- Email: brian.harrison@oracle.com
- Blog: http://blogs.oracle/com/WCI

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