SAP NetWeaver UI Services

SAP NetWeaver Product Management
User Interaction
1. SAP NetWeaver User Interaction Overview
2. SAP NetWeaver UI Services: State of the Union
3. SAP NetWeaver UI Services: Roadmap & Strategy
The 3 Dimensions of SAP’s User Productivity Infrastructure
Empowering and Connecting People – SAP NetWeaver User Interaction

- UI Clients & Access Channels
  - Web Browser
  - NW Business Client

- UI Services
  - Roles
  - Navigation
  - Personalization
  - Document
  - Page Building
  - Collaboration
  - Search

- UI Infrastructure
  - Portal Runtime
  - Web Dynpro
  - Visual Composer

- SAP Business Suite
  - ERP
  - CRM
  - PLM
  - SCM
  - SRM
  - Non SAP Enterprise Application

- SAP NetWeaver Foundation

- Expert User
- Business User

- Access
- Enrich
- Enable

- SAP GUI
- Duet & Atlantic
- Mobile & Voice

- Web Dynpro Islands
- Enterprise Search Access
- Adobe Forms
Agenda

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Enrich SAP business applications with value-adding UI services provided by SAP and 3rd parties:

- Provide core UI services like personalization, printing, table calculations, etc. out-of-the-box.
- Empower business departments with self-service capabilities (e.g. creation of Portal pages)
- Role-based Content and Help Center
- Provide Web 2.0 services like Mashups
- Open up and enable 3rd party integration, e.g. for people collaboration.
SAP NetWeaver UI Services enrich SAP business applications by incorporating and using value-adding capabilities that are provided by SAP and the ecosystem.
Foundation Services
Power Lists

The POWER List Framework allows for easy development of new work lists and generation of simple list reports:

- Central Personalized Access to all relevant Individual Work Lists
- Direct Visualization of the number of Business Objects on the Overview Screen
- Work pushed to the user via Automatic Update
- Easy Personalization of the Selection Criteria and Layout of the list by end-users
- Easy Creation of new Work Lists by end users through the POWER List Framework
The ALV provide value-add, end user service for personalization and data manipulation at runtime

- Printing, Excel export
- Subtotals, Sorting, Filtering, Grouping rows
- Graphics display
- Save runtime settings
WEKTRA Help Center – “one stop shop” for all Role / Business process / application relevant information (FAQs, demonstrations or learning center)

- Supports explorative knowledge ramp-up as user works with the system
- All required content to understand the software is available as self study units
- Content is adaptive to the specific user’s context (language, industry, role, …) and business configuration
- Link to topic-related communities extends knowledge transfer
- Open content model: Easy to add company specific content
- Personalized features like ‘my Notes’
Content Services Web Page Composer

“Self-Service” creation and publishing of content by business users in the portal:

- Easy authoring of web content and web pages
- Mix web content, documents, services and applications
- Staging of web pages and web sites
- In-place editing of web pages
- Lightweight and single-frame rendering of web pages
- Indexing and searching for content in page context (incl. 3rd party engines)
Content Services

Web Page Composer

Article editor for business users

Page editor for content managers

Display view for readers
SAP Enterprise Search improves productivity and decision making by providing a fast access to information which resides in SAP and non-SAP systems:

- Cross system search and federation
- Standardized service enablement and unified UI
- Search enablement and data integration, centralized and consolidated operation
Share Information and Build Up a User Community in the SAP NetWeaver Portal

- Intuitive user interface
- Support for moderated forums
- E-mail notification for new postings
- Search for postings (TREX integration)
- Generation of reports and statistics
Collaboration Services - Wiki

Advanced document and content management through open and simple editing access that encourages participation of many users

- Easy self-publishing by contributors
- Facilitating collaboration and communication between people in networks and enhancing knowledge building, sharing and searching possibilities

Available only through pilot phase in SAP NW 7.01
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The Next Generation Web Page Composer

- Self-service Drag&Drop portal page composition for business users
- Reduced effort for IT personnel when LoBs require portal pages
- Typical use case: merging of business application content with web content (lean web content scenarios, no full-fledged WCM system)
- Fully integrated into portal infrastructure
Collaboration Services
Wiki in SAP NetWeaver Portal

Advanced document and content management through open and simple editing access that encourages participation of many users

- Easy self-publishing by contributors
- Based on best-of-breed third-party Wiki (OEM shipment)
- Integration into user management incl. single sign on
- Standard portal deployment mechanisms
**Collaborative, User Centric Processes: SAP Strategy**

- **Backbone Processes**: Systematic, automation centric
- **Composite Processes**: Ad hoc, agile, edge apps
- **User-Centric Processes**: Situational, collaboration centric

- **Web 2.0 Tools**: Sharing and Networking
  - Wikis, Blogs and Forums
  - Conferencing and Instant Messaging
  - Groupware Workspaces
  - Personal Sites and Social Networks
  - Calendars and E-Mail

- **Personal Productivity**: Communication

- **Structured collaboration**
- **Semi-structured Collaboration**
- **Unstructured Collaboration**

SAP’s focus is to enable flexibility and collaboration in the context of business applications, specifically enabling a shared context between backbone, composite and user-centric processes. Using SAP’s mash-up & collaboration infrastructure pre-packaged and custom-build business solutions can be created.

SAP intends to keep the current feature scope of collaboration rooms and plans only minor enhancements in the future. SAP will rely on partnerships to enrich SAP’s offering with personal productivity & Web 2.0 tools.
Future Direction towards Enterprise 2.0 (> 12 months)

Enterprise mashups and collaborative processes enable situational work

- Act on immediate, unpredictable business events supporting individuals or communities
- Rapidly created by end-users through mashup capabilities
- Bridge structured processes and collaborative activities
- Can be captured and used as best-practices
The Roadmap Towards Enterprise Mashups and Contextualized Collaboration Services

Extended beta shipment of collaboration services
- Based on SAP NetWeaver Portal (NW 7.0 EHP1)
- Loose coupling with business applications
- Trial version for selected customers, no productive usage.

Enterprise mashups and contextualized collaboration services for application enrichment
- Based on new modular portal infrastructure
- Deep integration into Business Suite (pre-packaged solutions planned)
- First wave planned for SAP NetWeaver 7.2
Future Direction
SAP NW UI Infrastructure

- **ALV** and **POWER list framework** for advanced end-user personalization
- Fast access to information which resides in SAP Enterprise applications using **Enterprise Search**
- Self-service creation of content using **Web Page Composer**
- **Forums** in SAP NetWeaver Portal enable sharing of content and building up a user community
- **Collaboration services** for enriching business apps with Web 2.0 experience
- Advanced document and content management using **Wikis** in SAP NetWeaver Portal
- **WEKTRA** help for all Role / Business process / application relevant information (FAQs, demonstrations or learning center)
- Lean & Harmonized UI Stack:
  - Componentized infrastructure, e.g enabling lean application portal scenarios
  - UI clients with maximum extensibility and flexibility through additional Web Dynpro Islands.
  - Further openness and standards enablement
- Next Generation UI Flexibility, Business Mash-ups, And Contextualized Collaboration:
  - Enabling situational, user-centric processes via ad-hoc composites