SAP NetWeaver Portal:
A glimpse on new features for collaboration, content and communities

SAP NetWeaver Product Management

Released to customers
June 2007
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Introduction

Collaboration Portal: Planned Roadmap

Summary & Timeline
Introduction

Collaboration Portal: Planned Roadmap

Summary & Timeline
From Operational Efficiency to Competitive Differentiation

1990s
- Business Process Reengineering
- SAP R/3

2000s
- Operational Efficiency
- Business Network Transformation
- Enterprise SOA

2010s
- Competitive Differentiation

Source: SAPPHIRE 2007 keynote Henning Kagermann
Business Network has become the primary source of new differentiation

Source: SAPPHIRE 2007 keynote Henning Kagermann
A New Layer Complementary to Automation is Required

- Enabling Collaboration Across the Network in the Context of Business Processes and Events
- Web 2.0 concepts being embraced by enterprises

Source: SAPPHIRE 2007 keynote Henning Kagermann
Consumerization: An Internet ‘Trend’ Makes it into Enterprises

Enterprise 1.0: Robustness & Efficiency
Enterprise 2.0: “We want both!”
Web 2.0: Usability & Communities
Information & Knowledge Worker Emergence

Percent Composition of U.S. Employment by type of worker, 1950–2000


‘Knowledge / information workers’ will become the main user group in your organization
SAP NetWeaver User Experience
Flexible Access Channels for Best Effectiveness

Web 2.0 for enterprises
- Communities create value
- Collaboration increases productivity
- Enriched with enterprise data

Access anywhere, any way
- Extended work environments
- Common UI services administration

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THE BEST-RUN BUSINESSES RUN SAP™
Introduction

Collaboration Portal: Planned Roadmap

Summary & Timeline
Collaboration Portal

- Rich collaboration features
  - Workspaces
  - Forums
  - Wikis
  - Collaborative tagging

- Social network capabilities

- Intuitive capabilities for lean web content management

- User interface extreme makeover

- 3rd party integration
  - MS Sharepoint 2007
  - Real-time collaboration vendors

- Governance & monitoring

- Based on SAP NetWeaver 7.0
The collaboration portal provides all services for business users to jointly access, create and share information. It is based on the proven portal infrastructure and embedded into the corporate business application landscape.
Collaboration Portal: Focus Areas

1. Usability Enhancements
2. Content Creation Capabilities
3. Technology

Collaboration Portal
Collaboration Portal: Focus Areas

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Collaboration Portal
Dynamic Portal Navigation: Accelerated and More Intuitive

New portal navigation

- Fast and intuitive navigation in top-level and detailed navigation
- Personalized selection of roles
- Compatible with existing portal roles
- AJAX-based (Asynchronous Javascript & XML)

Live demo in SAP’s Corporate Portal:  
https://portal.wdf.sap.corp/irj/portal/light
Next Generation Collaboration Rooms:
Greatly Improved Usability & Performance

Team Workspaces

- Next generation collaboration rooms
- Complete user interface makeover
- Drag & Drop for document check-in and room adaptation
- Faster navigation
- Easier setup and management
- Better MS Office integration
- Based on standard portal functionality

Demo
New Discussion Forums: Intuitive Build-up of a User Community

Discussion Forums

- Intuitive user interface integrated into the portal
- Support for moderated forums
- Search and email notification on postings
- Live and proven in SDN for ~ 750,000 users
- Available as from Q2 2007 (lean forums available in current version of portal)

See it in use at SDN
Collaboration Portal: Focus Areas

1. Usability Enhancements
2. Content Creation Capabilities
3. Technology

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Web Page Composer

- Easy creation of Web content for business end users
- Closely tied into portal navigation and themes
- Full-text search and page display in navigation context
- Support for external facing portals
- Live in SDN for ~ 750,000 users (basis for all SDN content pages)

See it in use at SDN
Web Page Composer – Major Building Blocks

Article editor for business users

Page editor for content managers

Display view for readers
WCM Capabilities Within SAP NetWeaver Portal

Integration of WCM vendors

Customer project

ADVANCED

LEAN

BASIC

Portal & KM
- XML forms
- HTML collection renderer
- HTML pages in URL iViews

without Web Page Composer

SAP Standard Delivery
- XML forms
- HTML collection renderer
- HTML pages in URL iViews

with Web Page Composer

Integration of arbitrary WCM vendors

Project extensions

Web Page Composer adds lean capabilities based on standard EP/KM

Consulting

Web Federation

accenture

SAP Consulting

Web Federation

FIRSTspirit

CoreMedia

Struktur

PIRONET NDH

INTERWOVEN

Red Dot

OPEN TEXT

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Wikis:
Collaborative Content Creation Throughout an Enterprise

Wikis

- Easy content creation in collaborative style
- Tightly integrated into portal navigation
- ONE user management
- Integration into TREX search

Blogs

- Planned for H1 / 2008

WIKI at SDN

Blogs at SDN
‘My Workspace’

- A personal space for each portal user
- Think of it as ‘extended business card’
- Display and maintain HR Org info (e.g. taken from ERP HCM)
- Publish and share information (profile, expertise, contacts, documents, blogs, …)
- Tagging of content to find content of same interest
- Grain for social network
Tagging: Easily Find Topics of Common Interest

The Tag Explorer enables you to see related information for a tag

1) Triggers the Tag Explorer
2) This is a tag cloud of the most popular tags
3) Clicking on a tag i.e. “compensation” shows the related links & tags for this tag
4) Related Links are items tagged with “compensation” tag.
5) Tags frequently tagged along with “compensation”.

Note: UI POC subject to change

The Tag Explorer enables you to see related information for a tag

- benefits
- birthday
- career
- compensation
- marriage
- payment
- pf
- purchasing
- salary
- expance
- jobs
- marketing
- travel
- work events

- Related Links
  - Marketing group compensation review by David
  - Benefits and Payment by SAP
  - ADP - Payroll Management by External

- Related Tags
  - benefits
  - marketing
  - payment
  - pf
  - salary

Note: UI POC subject to change
MS Sharepoint Integration

- MS SharePoint landscapes will be found at customer (‘next generation file share’)

- Collaboration Portal as entry point to content on distributed SharePoint repositories

- Integration Scope Short Term
  - Endusers can plug and render SP documents in an iView
  - Endusers can search via portal in SP indexes (federated search)

- Integration Scope Mid Term
  - Repository manager integration for MOSS 2007 (for SP2003 already available by MS)
Support of JSR170/JSR 283

JSR 170

- Java Specification Request 'Content Repository for Java technology API'
- Specifies how JAVA developers can access content repositories in a unified fashion
- Released version (also known as JCR 1.0), medium adoption

JSR 283

- Next version of JSR 170, also called JCR 2.0
- Not yet released (currently in Java Community Process review)

SAP is actively engaged in the JSR 283 community process. Support for JSR 283 is planned for 2007 / early 2008
Collaboration Portal: Modern Web Technologies Are Used

**AJAX**
- Asynchronous Javascript & XML is common Web 2.0 technology and known for easy and rapid development
- New collaboration rooms and new portal navigation (‘Lightning’) are the first AJAX applications in portal

**RSS**
- ‘Real Simple Syndication’ is used to bundle content snippets (e.g. news headlines) from various places in one abstract
- Web Page Composer is supporting RSS and it is already live in SDN

**Web Services**
- The relevant parts of the Knowledge Management API will be exposed as web services to ease access to and creation of content within the portal
Collaboration Portal: The Planned Road Ahead

**Phase I – Q2/07**
- First Building Blocks
  - Web Page Composer
  - New Discussion Forums

**Phase II – Q1/08**
- Collaboration Portal Ramp-up:
  - AJAX navigation
  - Team Workspace
  - My Workspace (Wikis)
  - Sharepoint integration

**Phase III – Q3/08**
- Collaboration Portal
  - General availability
### Collaboration Portal Capabilities: Summary

<table>
<thead>
<tr>
<th>Capability Name</th>
<th>Short description</th>
<th>Planned Timeline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynamic portal navigation</td>
<td>Much faster and more intuitive navigation within the portal (top-level and detailed navigation)</td>
<td>Ramp-Up in Q1/2008 on NW 7.0</td>
</tr>
<tr>
<td>Team Workspaces (new collaboration rooms)</td>
<td>Complete user interface ‘makeover’ including better MS Office integration and Drag &amp; Drop within the browser. Improved performance due to leaner user interface</td>
<td>Ramp-Up in Q1/2008 on NW 7.0</td>
</tr>
<tr>
<td>Discussion Forums</td>
<td>The popular discussion forums of SDN (750,000 users) are integrated into the standard portal delivery</td>
<td>Q2/2007 on NW’04/NW 7.0</td>
</tr>
<tr>
<td>Web Page Composer</td>
<td>Business users and content managers can create lean Web sites directly within the portal (already live within SDN)</td>
<td>Q2/2007 on NW 7.0 restricted, Q3/2007 unrestricted shipment</td>
</tr>
<tr>
<td>My Workspace / User Business Card</td>
<td>Advanced user business card where employees can share areas of expertise, their current projects and contacts, documents, ... with other portal users</td>
<td>Ramp-Up in Q1/2008 on NW 7.0</td>
</tr>
<tr>
<td>Wikis &amp; Blogs</td>
<td>Enables employees to jointly work on a Web-based documents directly in the browser (Wikis) or to quickly publish information to other portal users (Blogs).</td>
<td>Wikis: Ramp-Up in Q1/2008 on NW 7.0. Blogs: to be defined</td>
</tr>
<tr>
<td>Tagging</td>
<td>To add metadata to information in order to easily find topics of interest.</td>
<td>Ramp-Up in Q1/2008 on NW 7.0</td>
</tr>
<tr>
<td>MS SharePoint Integration</td>
<td>To integrate the multitude of MS SharePoint sites and leverage their content within the portal</td>
<td>Ramp-Up in Q1/2008 on NW 7.0</td>
</tr>
</tbody>
</table>
SAP’s Vision for a Collaborative Platform: Applications tightly integrated into the collaboration portal

See a demo in Henning Kagermann’s (CEO SAP) keynote at SAPPHIRE 2007 Atlanta (as from minute 29)
The Next Generation Portal: Value Proposition

Endusers:
→ Speed, efficiency, ease of use

- Richer user experience
- Intuitive new collaboration capabilities
- Information sharing at corporate, team and individual level
- Embedded into business applications used every day

IT Departments:
→ Integration, manageability, TCO

- Based on existing portal infrastructure
- Centralized and scalable IT governance
- Rapid deployment option
- Integrated platform for Enterprise SOA