

SAP Software and Solutions

## SAP USABILITY TEST TOPICS



THE BEST-RUN BUSINESSES RUN SAP™



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# TOMORROW'S SAP SOLUTIONS

## PROVIDING FEEDBACK



SAP developers and employees from the SAP user experience team are giving you the opportunity to try out and provide feedback on new SAP® solutions by participating in a test. The aim of the test is to improve user friendliness, thereby increasing satisfaction among SAP software users. The test examines components under development and products from various SAP development areas. The recommended background and the requirements for participation are briefly explained in the topic description.

As a tester, you can actively work on the prototypes or products during the test. As an observer, you can attend the test and look over the shoulder of a tester. You can choose one of these two roles when you register. At the end of the test, you will have an opportunity to share your feedback on the prototype. You can register for a total of two test dates. **Please note that it is the tool, not you, that is being tested in order to further enhance the user experience.**

### Participation by Appointment

The usability test session takes approximately 90 minutes. The tests will start on Tuesday, October 27, and continue until Thursday, October 29, 2009. The test slots are shown in the table below.

Tuesday, October 27	Wednesday, October 28	Thursday, October 29
	8:45–10:15	8:45–10:15
11:30–13:00	10:45–12:15	10:45–12:15
13:15–14:45	13:15–14:45	13:15–14:45
15:00–16:30	15:00–16:30	15:00–16:30
17:00–18:30	17:00–18:30	

# PROCESS INTEGRATION MONITORING

## SAP SOLUTION MANAGER

### Process integration monitoring in the SAP Solution Manager application management solution

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Description	<p>The SAP NetWeaver Process Integration (SAP NetWeaver PI) offering monitoring view in the technical monitoring work center in the SAP Solution Manager application management solution acts as a central entry point for getting an overview of PI domains in the landscape from a monitoring point of view. PI monitoring provides the key information needed to understand the current system status and situation in terms of availability, throughput, backlog, and performance.</p> <p>This central cockpit provides an overview of the following for all components of a PI domain:</p> <ul style="list-style-type: none"><li>▪ Availability and self-test status</li><li>▪ Total number of messages in “Error” and “Scheduled” status</li><li>▪ Total number of channels in „Error“ or “Warning” status</li></ul> <p>Detailed information about the self-test of a PI component and message flow between various sender services, receiver interfaces, and receiver services can also be monitored. From this overview, it is possible to navigate to individual tools in the runtime workbench or the SAP NetWeaver Administrator tool for follow-up actions.</p>
User roles	SAP NetWeaver PI (formerly known as the SAP NetWeaver Exchange Infrastructure component) administrators, system administrators with experience in managing PI
Level of prior experience	Experience in working with SAP NetWeaver PI monitoring; in addition, experience with runtime workbench or other third-party PI monitoring tools is an advantage.
What you can expect during the session	You will get acquainted with the new PI monitoring functionality enabled and integrated in SAP Solution Manager (including a new Flex-based overview and applications for monitoring PI component, channel, and message flow).

### Overview of improved interfaces in selected fields of SAP Solution Manager

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Description	<p>Discuss the usability of SAP Solution Manager functions and investigate prototypes of improved user interfaces in the following areas:</p> <ul style="list-style-type: none"><li>■ <b>Innovation management</b> – A new evaluation and blueprinting environment provides an alternative way to:<ul style="list-style-type: none"><li>– Browse, search for, and assign business processes and selected content for an SAP Solution Manager project</li><li>– Upload (multiple) documents to a project</li><li>– Graphically model business processes</li></ul></li><li>■ <b>Solution documentation</b> – Centrally document your new or critical business processes, interfaces, and custom developments with the business blueprint and configuration functionality. Based on an analysis of your application, the solution documentation assistant helps you to newly create and verify your existing solution documentation.</li><li>■ <b>System landscape management and maintenance of SAP software</b> – Document and manage your system landscape; download and deploy support packages using the maintenance optimizer.</li><li>■ <b>Test execution</b> – This is the most common task in the area of test management for business users.</li></ul>
User roles	Business process experts, BASIS administrators, system administrators
Level of prior experience	You use SAP Solution Manager functions in your daily business.
What you can expect during the session	You will get a preview of the improved user interfaces in the different areas. The demonstration will be based on user interface mock-ups and, wherever possible, on live demos.

# SYSTEM ADMINISTRATION AND MONITORING

## SAP NetWeaver ADMINISTRATOR

### BASIS administration and monitoring of Java systems for SAP

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Description	SAP NetWeaver Administrator is a Web-based administration and monitoring tool that offers a single point of entry for configuring, administering, and monitoring your SAP NetWeaver technology platform, its components, and the applications running on top of a Java system.
User roles	System administrators (intermediate or advanced level), support staff (intermediate or advanced level), application developers (intermediate or advanced level)
Level of prior experience	Basic knowledge of SAP NetWeaver or SAP NetWeaver Administrator  Experience in BASIS administration or administering application server Java is a plus but not necessary.
What you can expect during the session	You will put your experience to use as you solve a series of scenarios and tasks. These include managing Java applications, services, and servers; monitoring system performance and load balancing through our user-friendly dashboard; identifying a system's state; prioritizing and solving system problems; and much more.

# ADMINISTRATION AND MONITORING

## SAP NetWeaver BUSINESS PROCESS MANAGEMENT

### Administering and monitoring applications for processes and tasks in the SAP NetWeaver Business Process Management component

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Description	SAP NetWeaver Administrator provides a set of administration and monitoring applications for the SAP NetWeaver Business Process Management (SAP NetWeaver BPM) component. These applications enable users to, among other things, administer process and task definitions, instances, and availability and to troubleshoot BPM servers.
User roles	System administrators, business administrators
Level of prior experience	Experience in working with SAP NetWeaver Administrator; experience in working with business processes is a plus.
What you can expect during the session	You will be given a very brief overview of SAP NetWeaver BPM administration applications. This will be followed by some key tasks that use the applications as part of a comprehensive scenario related to SAP NetWeaver BPM.

# SIMPLIFICATION AND TESTING OF WEB SERVICES

## SAP NetWeaver

### Simplifying a complex service in the SAP NetWeaver Developer Studio tool; using the Web services navigator to test the new, simplified service

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Description	<p>Service simplification in the SAP NetWeaver Developer Studio tool allows users to create a simplified service facade on top of an existing complex service (Web services and BAPI® programming interface).</p> <p>The Web services navigator is a UI-enabled Web service test tool that is part of SAP NetWeaver. It allows users to test services from different sources and locations and provides functionalities for testing multiple services in a single scenario.</p>
User roles	Developers, service-oriented architecture (SOA) users, and service administrators
Level of prior experience	Experience with Eclipse environment required; knowledge of Web services technologies – such as WSDL (wireless digital subscriber line), SOAP (simple object access protocol), and UDDI (Universal Description, Discovery, and Integration) – is beneficial.
What you can expect during the session	You will get acquainted with the new service simplification functionality provided by SAP NetWeaver Developer Studio. You will be invited to perform some service-related tasks (consumption and simplification) using the new visual tooling in SAP NetWeaver Developer Studio. In addition, you will use the Web services navigator to test services and create a test scenario.

# CONTENT DEVELOPMENT

## APPLICATION PORTAL FOR SAP BUSINESS SUITE

### Experiencing the latest approach to content creation and consumption for SAP Business Suite

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Description	The new content integration approach in the application portal provides a single-role repository management tool for existing SAP back-end roles (including PFCG [profile generator] and CRM [customer relationship management] roles), deployed business packages roles (such as business package for buyer, ESS, MSS), and locally created roles. This intuitive and user-friendly WYSIWYG tool enables content preparation for end-user consumption in SAP Business Suite software.
User roles	Content developers, content administrators
Level of prior experience	Experience in content development or content administration in the SAP NetWeaver Portal component
What you can expect during the session	You will get acquainted with the new content management approach and tools and carry out content administration tasks related to role management.

# PRINT FORM ADAPTATION AND PRINTER QUEUE MANAGEMENT

SAP BUSINESS ByDesign™

## New output management concepts for print form adaptation and printer queue management

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Description	<p>You will learn how to create and adapt print form templates used during output from a printer.</p> <p>Output from central printer queues – for a specific location, for example – needs to be monitored centrally, especially when it comes to troubleshooting. You will learn how to do this in our usability test session.</p>
User roles	Key users, system administrators, operators, power users
Level of prior experience	Experience in customizing the layout and content of print forms, dealing with printer settings, and handling errors in printer queues
What you can expect during the session	<p>You will find out it is easier to adapt a print form, and you will learn about the new concept for printer queue management in the SAP Business ByDesign™ solution.</p> <p>You will copy and adapt a single form template to meet your needs, set up and monitor a printer queue, and learn how to deal with errors.</p>

# BUSINESS CONFIGURATION

## SAP BUSINESS ByDesign

### Overview and execution of an SAP Business ByDesign implementation project

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Description	<p>You will learn about the developments in SAP Business ByDesign that support a fast implementation based on business language.</p> <p>You will use a tool that gives you an overview of the project progress and allows you to change and complete the project step by step.</p> <p>The fundamentals of the implementation methods will be discussed.</p>
User roles	<p>Business experts and consultants for ERP implementations; potential implementation partner companies in the midmarket segment</p>
Level of prior experience	<p>Experience in ERP implementation projects; knowledge of business application configuration</p>
What you can expect during the session	<p>You will be given an implementation project that has to be adapted and executed. The focus will be on finding out how to work with the tools and the business content.</p> <p>The implementation approach for SAP Business ByDesign will be discussed with you.</p>

# GUIDED ACTIVITY TO SET UP AN ORGANIZATIONAL STRUCTURE

## SAP BUSINESS ByDesign

### Find out how the new guided activity in SAP Business ByDesign's organizational management functionality supports the user in setting up an organizational structure

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Description	<p>You will learn how organizational management functionality in the latest version of SAP Business ByDesign supports the user in setting up an initial organizational structure.</p> <p>You will create a new organizational structure in the system (or application prototype) and then evaluate the user friendliness and functional scope of the application.</p>
User roles	Managers, assistants, CEOs, IT administrators
Level of prior experience	Professional experience in the maintenance of organizational structure-relevant data
What you can expect during the session	You will create a new organizational structure in the system (or application prototype).

# SUCCESSFULLY CHANGING AN ORGANIZATIONAL STRUCTURE

## SAP BUSINESS ByDesign

### Experience the new organizational management features in SAP Business ByDesign that support the user in managing changes in the organizational structure

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Description	<p>You will learn how the system supports the user in editing and changing an organizational structure in the latest version of SAP Business ByDesign.</p> <p>You will apply some changes to an organizational structure in the system (or application prototype) and then evaluate the user friendliness and functional scope of the application.</p>
User roles	Managers, assistants, CEOs, IT administrators
Level of prior experience	Professional experience in the maintenance of organizational structure-relevant data
What you can expect during the session	<p>You will apply some changes to an organizational structure in a new version of SAP Business ByDesign.</p> <p>You will then be asked a few questions about how well the system supported you in fulfilling this task.</p>

# RULES COMPOSER IN SAP NetWeaver DEVELOPER STUDIO

## SAP NetWeaver BUSINESS RULES MANAGEMENT

### Modeling simple business rules in the rules composer

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Description	The rules composer in SAP NetWeaver Developer Studio allows developers to model business rules using “if-then” constructions in English (such as language, decision tables, and graphical rule flows).
User roles	Business analysts, developers, business rule experts, business process experts
Level of prior experience	Any of the following profiles, in which basic knowledge of Eclipse is an advantage but not mandatory: <ul style="list-style-type: none"><li>▪ Java developers familiar with XSD technology</li><li>▪ Knowledge of business rules in any domain (insurance, retail, telecommunications, logistics, and so on)</li></ul>
What you can expect during the session	<p>You will get acquainted with the rules composer in SAP NetWeaver Developer Studio. You will be invited to use the rules composer to develop a sample rule set that primarily contains “if-then” constructions.</p> <p>You will be requested to comment on the usability and scope of the functions as you carry out your tasks.</p>

# SERVICE COMPOSITION

## SAP NetWeaver DEVELOPER STUDIO

### Quick and powerful service composition with the new service composer in SAP NetWeaver Developer Studio

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Description	<p>The service composition modeling tools are part of the service-oriented architecture offering in the latest version of SAP NetWeaver Developer Studio.</p> <p>Focusing on development efficiency, the tool set features:</p> <ul style="list-style-type: none"><li>▪ Quick and intuitive consumption and composition of services (including Web services, BAPI, and EJB [Enterprise JavaBean] from the local work space)</li><li>▪ Creation of simplified service facades on top of existing complex services (Web services and BAPI)</li><li>▪ State-of-the-art search console for service discovery</li><li>▪ Capabilities for creating a mock (testing) implementation of consumed services</li></ul>
User roles	Developers
Level of prior experience	Knowledge of Web services, Remote Function Call (RFC)/BAPI, Java EE
What you can expect during the session	<p>You will get acquainted with the new service composition functionality provided in SAP NetWeaver Developer Studio. You will be invited to perform some service-related (adaptation, consumption, provisioning) and data-transformation tasks using the new visual tools in the integrated development environment.</p> <p>The session will cover service simplification, service composition, service discovery through the search console, data mapping, and service mocking.</p>

# SERVICE INTERFACE DEFINITION

## ENTERPRISE SERVICES REPOSITORY

### Collaborative definition of services in Enterprise Services Repository

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Description	You will test the end-to-end service definition scenario (including service interface definition) in Eclipse and our governance features.
User roles	Architects, senior developers, developers
Level of prior experience	Basic knowledge of SOA is required.  Knowledge of Enterprise Services Repository (ES Repository) and the Eclipse platform is an added advantage but not mandatory.
What you can expect during the session	We plan to enhance the governance features in ES Repository to support user collaboration and automation of the service lifecycle.  You will be invited to try out new features in ES Repository, including service modeling in Eclipse, support for service lifecycle management, and alerts and notifications.

# DATA WAREHOUSE MODELING IN ECLIPSE

## SAP NetWeaver DEVELOPER STUDIO

### Modeling a data warehouse in an Eclipse front-end environment

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Description	A tool for graphically designing and building data warehouse models for the SAP NetWeaver Business Warehouse component using Eclipse as the front-end environment
User roles	Business analysts, data modelers, ETL (extract, transform, and load) developers, BI (business intelligence) developers, EDW (enterprise data warehouse) operators
Level of prior experience	Experience in modeling data warehouses (technical, functional, or both); a basic knowledge of Eclipse is an added advantage but not mandatory.
What you can expect during the session	You will get acquainted with the functionality provided in a next-generation data warehousing tool in Eclipse, and you will be invited to carry out some data modeling tasks using this functionality.

# ENHANCED BUSINESS BLUEPRINTING

## SAP NetWeaver BUSINESS PROCESS MANAGEMENT

### Extending an SAP Business Suite process using common process layer tools and the SAP NetWeaver Composition Environment offering

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Description	<p>An emerging set of tools provides customers with the ability to explore and adapt business scenarios and processes provided in SAP Business Suite to reflect their own IT landscapes. One of the goals is to facilitate business blueprinting activities already known to SAP Solution Manager users. This allows them to better understand, plan, and execute changes to their systems by leveraging this content throughout the entire application lifecycle.</p> <p>This test explores prototypes for such new tools that integrate with existing tools to provide a consistent and content-oriented user experience that aids in understanding the as-is system, eases the creation of to-be business blueprints, and carries this content-rich experience over into the development environment. This allows users with different responsibilities to access a common base of accurate content with the tools appropriate to their activities. Efforts made in the initial stages of a project can feed through into later phases, so there is an unbroken chain through planning, implementation, testing, and monitoring.</p> <p>The scenario in this test will focus on the planning and implementation of an SAP Business Suite application extension using SAP NetWeaver Composition Environment.</p>
User roles	Business process experts, technical and solution architects, SAP implementation consultants
Level of prior experience	Knowledge about business blueprint creation for SAP Business Suite; knowledge of composite application development using SAP NetWeaver Composition Environment is an advantage.
What you can expect during the session	You will be given a brief overview of the concepts and prototypes under consideration for the emerging set of tools and be given the opportunity to influence their development.

# PROCESS COMPOSER

## SAP NetWeaver BUSINESS PROCESS MANAGEMENT

### Modeling a human activity as a part of a business process

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Description	SAP NetWeaver BPM is a key component of SAP NetWeaver Composition Environment that provides a complete business process management suite to support human tasks and automated services, business rules, and business activity monitoring. This session focuses on modeling new business processes and defining human activities and includes the generation of user interfaces.
User roles	Business process expert, business process architect
Level of prior experience	Experience in modeling business processes; a basic knowledge of Eclipse is an added advantage but not mandatory.
What you can expect during the session	You will work on a prototype that allows you to generate human activities from given process data.

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