

Usability Test Topics

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The Best-Run Businesses Run SAP™



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Tomorrow's SAP® Solutions

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 our testing. The aim of each test is to improve user-friendliness, thereby increasing satisfaction among SAP software users.

Each 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 sessions take approximately 90 minutes. The tests will start on Tuesday, November 8, and continue until Thursday, November 10, 2011. The test slots are shown in the table below.

Tuesday, November 8	Wednesday, November 9	Thursday, November 10
10:00–11:30	11:00–12:30	11:00–12:30
12:00–13:30	13:30–15:00	13:30–15:00
14:30–16:00	15:30–17:00	15:30–17:00
16:30–18:00	17:30–19:00	17:30–19:00

Administration and Problem Analysis in Administration Console of SAP HANA™ Studio

Handle typical tasks related to administration and problem analysis of the SAP HANA™ database in an Eclipse-based front-end environment.

Product/tool/application description	The Eclipse-based administration tool from SAP allows you to take care of typical administration and problem analysis tasks for an SAP HANA™ database.
User roles	Database administrators
Level of prior experience	<ul style="list-style-type: none">• Experience as a database administrator• Knowledge of TREC and other databases is an advantage• Basic knowledge of Eclipse
What you can expect during the session	You will be asked to role-play a database administrator and perform some tasks that the administrator does in day-to-day activities. You will get the opportunity to analyze problem situations in the SAP HANA database through an end-to-end scenario.

Backup and Recovery in Administration Console of SAP HANA Studio

Handle typical tasks related to backup and recovery of the SAP HANA database in an Eclipse-based front-end environment.

Product/tool/application description	The Eclipse-based administration tool from SAP allows you to take care of typical administration and problem analysis tasks for an SAP HANA database.
User roles	Database administrators
Level of prior experience	<ul style="list-style-type: none">• Experience as a database administrator• Basic knowledge of Eclipse
What you can expect during the session	You will be asked to role-play a database administrator and perform a data backup and subsequent recovery in the SAP HANA database.

Next-Generation Installation Tool

Install SAP products more quickly, more easily, and in a more predictable way.

Product/tool/application description	<p>This next-generation installation tool, based on Eclipse, offers customers an improved user experience and better predictability when installing SAP products, with a focus on applications based on SAP HANA.</p> <p>The tool also aims at automating the installation and initial configuration tasks via one standardized procedure, offering a consistent UI experience through the complete initial setup process.</p>
User roles	System administrators, Basis administrators, technical consultants
Level of prior experience	Experience with installation and technical configuration of the SAP NetWeaver® technology platform or products based on SAP NetWeaver
What you can expect during the session	<p>You will be asked to role-play a system administrator and execute initial setup of an SAP product based on SAP HANA.</p> <p>As the tool is in a preshipment state, you will be interviewed on your overall experience using it and its completeness. Feedback on the new concepts in the tool (compared to existing installation tools) will be collected.</p>

Predictive Process Designer

Predict and plan your business better and smarter with the predictive process designer.

Product/tool/application description	The predictive process designer is a powerful data-mining application that enables you to discover hidden insight and complex relationships within your data and predict the future of your business. With the application's intuitive user interface, you can easily develop predictive models to extract regular patterns in business data and perform statistical analysis. The application offers data preprocessing functionality, robust data-mining algorithms, rich analytics, and a user-friendly interface that helps improve decision making for businesses.
User roles	Statisticians, data analysts, strategy analysts, marketing analysts, research analysts, statistical analysts, data-modeling experts, data-mining experts
Level of prior experience	<ul style="list-style-type: none">• Working experience with any data-modeling tools such as IBM SPSS, SAS, or any other statistical software• Experience with segmentation, predictive modeling, regression correlation models, decision trees, CHAID, and forecasting
What you can expect during the session	You will be asked to interact with the predictive process designer to complete a certain set of typical tasks and provide your feedback on using the tool.

UI Development Toolkit for HTML5

Take your SAP solution UIs to the next level using the new UI development toolkit for HTML5 from SAP.

Product/tool/application description	<p>The UI development toolkit for HTML5 is a homogeneous set of Eclipse tools that allows you to create applications and user interface elements using a sophisticated HTML5 library and a range of ready-to-use controls.</p> <p>The toolkit can be used with different lightweight programming models (such as JavaScript development or declarative XML-based scripting) to create standard-based, state-of-the-art user interfaces.</p>
User roles	Developers with a Web development background (JavaScript, HTML, CSS, XML, and so on), including ABAP™ programming language developers with this background
Level of prior experience	Experience with JavaScript, HTML, CSS, and XML/Web development and Eclipse integrated development environments (IDEs)
What you can expect during the session	You will be asked to develop a simple application UI using the Eclipse wizards and to do some coding in JavaScript and declarative XML-based scripting. You will use the UI development toolkit MVC implementation and make use of some of the features of this Eclipse plug-in such as code completion. You will be asked to provide feedback about different UI aspects.

Project “River”

Experience the platform based on project “River” and its development tools.

Product/tool/application description	Project “River” is a platform for developing, operating, and managing on-demand business applications.
User roles	Software developers, software engineers, or system modelers focusing on developing an ERP extension application or stand-alone application and rapid application development with little or no code
Level of prior experience	<ul style="list-style-type: none">• Working experience with modeling tools• Working experience with “River” platform a plus but not mandatory
What you can expect during the session	You will be asked to role-play a system modeler and perform some typical day-to-day tasks in that role. You won’t be asked to do any actual modeling or code writing.

Public Solution Model Business Object Browser

Partner add-on development for the SAP Business ByDesign™ solution is made easier with the support of a business object browser.

Product/tool/application description	<p>Partners want to independently develop sustainable add-ons to SAP Business ByDesign with the SAP Business ByDesign™ studio. The public solution model business object browser provides the partner developer with a transparent view on business object function and behavior within the SAP Business ByDesign studio.</p> <p>The tool to be tested provides a convenient way to access all necessary business object attributes released under the public solution model.</p>
User roles	Partner developers or other developers
Level of prior experience	<ul style="list-style-type: none">• Working experience with development tools, basic knowledge of SAP business objects• Working experience with SAP Business ByDesign studio a plus
What you can expect during the session	<p>You will be asked to role-play a partner developer and perform some tasks in different business object browser implementations and compare them. Your feedback will be used to find the best possible solution to help partners more easily build add-ons on top of SAP Business ByDesign.</p>

Business Process Blueprinting

Create, manage, and publish business blueprint content (to the SAP Solution Manager application management solution) more easily using the business process blueprinting solution.

Product/tool/application description	<p>The business blueprinting activity is one of the important phases in the ASAP methodology that occurs prior to realization for SAP implementation projects.</p> <p>The on-premise (and low-footprint) business process blueprinting solution enables customers to easily create and manage blueprint content, including modeling of business processes and scenarios using Business Process Modeling Notation (BPMN) 2.0.</p> <p>Moreover, stronger integration and closed-loop connectivity with the SAP Solution Manager application management solution also enables publishing of the newly created content to SAP Solution Manager, thereby offering a consistent view of the same blueprint content across the two solutions. The previously modeled blueprint content can also be viewed in a BPMN format in SAP Solution Manager.</p>
User roles	Business process owners or experts, enterprise or solution architects, SAP implementation consultants
Level of prior experience	Required: experience in the creation of a business blueprint
What you can expect during the session	<p>You will use the solution to do the following tasks:</p> <ul style="list-style-type: none">• Retrieve existing blueprint content from SAP Solution Manager (SOLAR01) and create/modify the content (such as modeling a business process and business scenario using BPMN artifacts)• Publish the newly created/modified content to SAP Solution Manager• Access and view previously and newly created content in SAP Solution Manager in BPMN format <p>During the activity, you will get the opportunity to provide feedback and thus influence the future direction of the emerging solution.</p>

Business Activity Monitoring for SAP NetWeaver Business Process Management

Improve the speed and effectiveness of your business process with real-time monitoring.

Product/tool/application description	In today's dynamic business environment, business process modeling, execution, and management are a major part of smoothly running a successful and efficient business. It is important not only to quickly and flexibly design the right business workflow but also to constantly improve and optimize it in accordance with the continually changing business conditions and situation. Business activity monitoring (BAM) allows business experts and managers to have real-time access to and monitor all process-related events and performance. Thus, with all critical business performance data at hand at all times, you can make better-informed business decisions, quickly analyze and address problem areas or risks to maximize efficiency, and optimize the business model.
User roles	Business process developers, business process experts
Level of prior experience	Experience with the SAP NetWeaver Business Process Management component, the SAP NetWeaver Business Rules Management component
What you can expect during the session	You will be given a brief overview of the real-time business activity monitoring and the model concept behind it. With BAM, you will be asked to role-play a business process developer or expert. Then you will receive a test scenario asking you to design and deploy a monitoring model within the process development perspective in the SAP NetWeaver Developer Studio tool. The model will be based on an existing business process and will include different event correlations and key performance indicator definitions. Afterward you will start the model in the SAP NetWeaver Administrator tool and monitor data in live dashboards.

Self-Service Tasks, Context-Based Role Assignments

Manage user properties including roles and privileges from requests and approvals.

Product/tool/application description	<p>The SAP NetWeaver Identity Management component provides a solution for managing users along with roles (and privileges) in a heterogeneous environment that may involve both SAP and non-SAP systems. It provides a platform for a complete process involving role requests and approvals, as well as the actual provisioning and deprovisioning of user accounts in target systems.</p> <p>The focus during this test will be on context-based role assignment and approvals, along with executing self-service tasks.</p>
User roles	Normal users, Basis administrators, IT team leads, IT managers, project managers
Level of prior experience	<ul style="list-style-type: none">• Working experience in the user administration and roles management, preferably as a Basis administrator or IT manager• Experience working with the central user agent in SAP NetWeaver or user account management would make the test case more relevant but is not required
What you can expect during the session	<p>You will be asked to role-play a normal user and a manager and perform some tasks that these people do on a day-to-day basis. As a normal user, you will be given activities that involve changing some details using self-service tasks and requesting the roles. As a manager, you will be given the tasks to approve the roles.</p> <p>The use case will be based on the Web-based GUI.</p>

SAP Test Data Migration Server

Create and refresh your nonproductive systems with extracts of actual business data.

Product/tool/application description	<p>All companies wrestle with the challenges of inefficiency and increasing costs when creating, refreshing, and maintaining nonproductive environments for development and testing.</p> <p>SAP Test Data Migration Server software can help by enabling you to create and refresh nonproductive systems with data sets reduced by nearly 70%. Better control over the data gives you more efficient and more consistent nonproductive systems, and that in turn reduces costs and increases the quality of development work.</p> <p>The tool to be tested is a new release, SAP Test Data Migration Server 4.0, with new and enhanced functionality, a new UI, and better integration with SAP Solution Manager.</p>
User roles	System administrators, Basis administrators, IT team leads, IT managers, functional users, project managers
Level of prior experience	<ul style="list-style-type: none"> • Experience using the former release (SAP Test Data Migration Server 3.0) is ideal. • Experience with system or client copies tools is good. • An understanding of how business objects and business processes are represented on a database level is helpful in understanding the software's concept and architecture. • Experience in working with SAP Solution Manager is not required.
What you can expect during the session	<p>You will be asked to role-play a system administrator or a functional expert. In this role, you will set up a project to migrate data from a source to a target system.</p> <p>You will be given an exercise to migrate a business object from one system to another where the system landscape must be configured as well as which objects should be migrated.</p>

Software Consumption Planning

Plan software implementation and maintenance with simulation and landscape impact analysis.

Product/tool/application description	<p>The planning application for software consumption allows you to visualize your system landscape, simulate the implementation of software in your landscape, and evaluate the impact to your system landscape by showing dependent changes.</p> <p>The tool being tested is an early prototype that provides graphical visualization of the system landscape and supports planning capabilities for implementation of software packages.</p>
User roles	IT architects, IT managers, Basis administrators
Level of prior experience	<ul style="list-style-type: none">• Working experience in the lifecycle management domain; you could be an excellent tester if you have done one or more of the following: planning of system landscape changes, software implementation, adoption of enhancement packages, software maintenance, or system administration.• Knowledge about landscape modeling and maintenance planning in SAP Solution Manager is a plus but not required.
What you can expect during the session	You will be asked to step into the shoes of an IT architect and evaluate the impact and changes to the system landscape required in response to a business demand.

Manage SAP Systems and Landscapes in Virtual or Cloud Infrastructures

Simplify and automate common Basis administrative tasks with the new SAP NetWeaver Landscape Virtualization Management software.

Product/tool/application description	SAP NetWeaver Landscape Virtualization Management software enables users to configure, deploy, monitor, and manage SAP systems and landscapes in physical and virtual or cloud infrastructures. The goal of this product is to help customers reduce operational costs and improve their business agility by automating common tasks performed by Basis administrators and hiding administrative complexities.
User roles	System administrators, Basis administrators
Level of prior experience	Working experience in the lifecycle management domain, preferably as a Basis system administrator; testers are strongly desired to have hands-on experience in monitoring systems and performance analysis, start/stop systems, installation/upgrade/patch scenarios, and copy/refresh activities for both ABAP and Java stack applications.
What you can expect during the session	See and test a preview of the new SAP NetWeaver Landscape Virtualization Management software. Overlook and configure an IT landscape, monitor systems, and execute typical administrative tasks. Evaluate the concept, usability, and benefits of the tool's features and provide your feedback.

SAP Store – Partner Work Center

Publish and manage your solutions on the SAP Store.

Product/tool/application description	The partner work center in the SAP Store enables solution partners to publish and maintain their solution profiles in the SAP Store. Moreover, it lets partners manage leads, process their sales orders, customize notifications to customers, and respond to solution reviews.
User roles	Partners (both developers and managers)
Level of prior experience	<ul style="list-style-type: none">• Basic knowledge about marketing and Web shops, ideally selling via Web shops• Preferably some experience as an SAP software solution partner (such as involvement in the SAP PartnerEdge™ program or with partner solutions for SAP Business ByDesign or the SAP Business One application)
What you can expect during the session	<p>As an SAP partner, you want to publish and sell your solutions on the new SAP Store. In this role, we will ask you to maintain your vendor profile on the SAP Store and make some adjustments to one of your published solutions.</p> <p>In addition, you will monitor and update leads that, for example, have requested a quotation for one of your solutions. Using the dashboard in the partner work center, you should be able to get a quick overview on the status of all your solutions in the SAP Store.</p>

Federated Search

Use federated search from SAP to find content across repositories.

Product/tool/application description	The federated search allows you to find content across different repositories, such as the SAP Developer Network (SDN) site and help portal.
User roles	Developers, development consultants, system administrators, Basis administrators, IT team leads, project managers
Level of prior experience	<ul style="list-style-type: none">• Experience in working with SAP NetWeaver• Knowledge of the SAP help portal and SDN a plus
What you can expect during the session	You will be asked to role-play a developer who is looking for information for a project. You will be asked to search for specific information (documentation and SDN content) using the federated search.



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