

SAP Professional Journal

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- [Enabling Point-and-Click Data Entry Assistance for Your BAPI Applications](#)
- [Everything a BAPI Programmer Needs to Know About the Business Object Repository](#)
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- Simplifying BAPI Programming with Components
- The Legacy System Migration Workbench (LSMW) - A Guide to Data Migration with BAPIs
- Transaction Handling in SAP R/3 — What Every Programmer Needs to Know
- Why You Need and How You Build BAPI Components

BI/BW

- Debug Application Logic More Efficiently in SAP BusinessObjects Planning and Consolidation
- Ensure and track security across your SAP system landscape using SAP NetWeaver 7.0 BI analysis security
- Migrate Your SAP BW 3.x Data Flow to Upgrade to SAP NetWeaver BI 7.0's New Features and Functionalities
- Navigate the Complexities of Currency Conversion for More Accurate Management Reporting
- Quick Tip: Make the Most of SAP NetWeaver BI 7.0 Transformations
- Tips and best practices for implementing information broadcasting for Microsoft Excel Workbooks in SAP NetWeaver 2004s
- Use Data Federator for Relational Universes on Top of SAP NetWeaver BW
- Use SAP Solution Manager's extensive reporting capabilities to ensure consistent performance across your system landscape through proactive monitoring

Business Planning and Consolidation

- 6 Ways to Troubleshoot Common Issues with SAP BusinessObjects Planning and Consolidation Configuration
- Configure SAP BusinessObjects Planning and Consolidation for SAP NetWeaver to Optimize System Performance
- Debug Application Logic More Efficiently in SAP BusinessObjects Planning and Consolidation
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- Resolve System Issues Quickly with Detailed Logging and Tracing Options
- SAP BusinessObjects Planning and Consolidation: Add Sophisticated Enhancements Through the Shared Query Engine BAdI
- Tips and Tricks for Data Conversion in SAP NetWeaver BW and SAP BusinessObjects Planning and Consolidation

Business Process Management

- Bring BPM-Based Process Models to Execution: Roles and Data Flow with the Process Composer
- Composite Designer and SAP NetWeaver Business Process Management Minimize Composite Application Development Efforts

Business Server Pages (BSP)

- A Developer's Guide to Creating Powerful and Flexible Web Applications with the New Web Application Builder
- Build More Powerful Web Applications in Less Time with BSP Extensions and the MVC Model
- Develop More Extensible and Maintainable Web Applications with the Model-View-Controller (MVC) Design Pattern
- Developing Custom Applications for SAP Enterprise Portal - Starting with the 'Right' Options in Light of SAP NetWeaver
- Minimize data warehouse disruption post mergers and acquisitions with SAP NetWeaver 7.0's Universal Data Connect and Master Data Management
- Ready to Build Your First MiniApp? It's Quick and Easy with the ABAP Workbench!
- The PDF Toolbox for ABAP - a cost-effective, open-source solution for integrating PDF forms into your BSP applications
- Web-Enable Your SAP Applications with the Power of JavaScript

C/C++/C#

- C for Java Programmers
- Calling BAPIs from the SAP Web Application Server
- SAP .NET Connector for C Programmers

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- **A guided tour of Java software development lifecycle management with SAP NetWeaver Development Infrastructure (NWDI): Part 1 — Fundamental concepts**
- **A Three-Step Process for Averting Downtime When Modifying Your R/3 System**
- **An Insider's Guide to SAP Change and Transport System (CTS)**
- **Are You Certain You've Got Consistent Customizing Settings Across Your SAP Landscape?**
- **Better Management of Change Requests with Extended Transport Control**
- **Business Configuration (BC) Sets in Global Rollout Projects - Lessons Learned**
- **Centralize and simplify SAP solution maintenance across your system landscape with the Maintenance Optimizer — an administrator's guide**
- **Customizing in Release 4.6 — It Gets a Whole Lot Easier!**
- **Document, Access, and Understand the Customizing Information You Need, When You Need It, with BC Sets**
- **Enhance Your Warehouse Processes with WM User Exits: Tackling Common Customization Requirements**
- **Enhancements in Customizing: Business Configuration Sets, the Customizing Cross-System Viewer, and the Activity Log**
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- [Consolidate and Integrate All of Your SAP and Non-SAP Documents, Transactions, Workflows, and Data with SAP Records Management](#)
- [Data Downloads to Excel Made Simple with SAP's Desktop Office Integration \(DOI\) — A Programmer's Guide](#)
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- [Integrating SAP Transactions, Reports, and Data into Your SAP Enterprise Portal — A Guided Tour of Your Options, Which to Use, and When](#)
- [Is User 'Sally Smith' Really Who She Claims to Be?! Lessons for Establishing Rock-Solid Authentication and Single Sign-On \(SSO\) Practices](#)
- [Lotus Notes access for SAP solutions \(NaSs\): Using the Notes client as a friendly interface to SAP data and processes](#)
- [Manage Documents with More Efficiency and Less Effort Using the SAP Business Document Service and SAP Desktop Office Integration](#)
- [PDK Installation and Customization for SSO Access to SAP Systems: Essential Lessons for Developers and Implementation Teams](#)
- [SAP Desktop Office Integration \(SAP DOI\) — An Easier Way for ABAP Programmers to Integrate Desktop Applications with R/3r](#)
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- [Using SAP Interactive Forms in the ABAP Workbench to create and design PDF-based print forms that address a wide range of print needs](#)

Functional Configuration

- [A Case Study in SAP R/3 Organization Structure Design: Taking FI/CO's 'One-to-Many' Path to Speedier Global Rollouts](#)
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- [No Service Reps Required! Learn How to Supply 24x7 Sales Order Information Online with the Sales Order Status IAC](#)
- [Quickly and Easily Leverage Your SAP R/3 Data and Processes for Online Sales with SAP Internet Sales \(R/3 Edition\): Part 1](#)
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- [SAP HR programming demystified: Understanding, creating, and enhancing SAP HR infotypes](#)
- [The PDF Toolbox for ABAP - a cost-effective, open-source solution for integrating PDF forms into your BSP applications](#)
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Global

- [Implement Proven Testing Practices and Techniques for Large-Scale Global SAP Rollouts](#)
- [Navigate the Complexities of Currency Conversion for More Accurate Management Reporting](#)
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Global Rollouts

- [A Case Study in SAP R/3 Organization Structure Design: Taking FI/CO's 'One-to-Many' Path to Speedier Global Rollouts](#)

- [Business Configuration \(BC\) Sets in Global Rollout Projects - Lessons Learned](#)
- [Document, Access, and Understand the Customizing Information You Need, When You Need It, with BC Sets](#)
- [Enhancements in Customizing: Business Configuration Sets, the Customizing Cross-System Viewer, and the Activity Log](#)
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- [SAP Solution Manager — 'Command Central' for Implementing Your mySAP Solutions ... and Much More!](#)

High Availability

- [A Three-Step Process for Averting Downtime When Modifying Your R/3 System](#)
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Implementations

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Implementations and Upgrades

- [Benefit from the Upgrade Support of the Enhancement Framework](#)
- [Capture accurate solution requirements the first time with exploratory modeling \(xM\): How to nearly eliminate post-go- live application design failures](#)
- [Database System Copies Made Easy — A Guide for Copying an Entire R/3 System to a New Windows Platform](#)
- [Use SAP Solution Manager Change Request Management to Support Your Implementation Project](#)

Infrastructure/Landscape Configuration

- [A Beginner's Guide to Implementing SAP Exchange Infrastructure \(SAP XI\) — Designing and Configuring an SAP XI Integration](#)
- [A system administrator's practical guide to SAP System Landscape Directory \(SLD\)](#)
- [Achieving a More Manageable and Reliable R/3 Spool Server Landscape Using Release 4 Output Classifications, Logical Servers, and Alternate Servers](#)
- [An Introduction to SAP's New and Improved Frontend Printing](#)
- [Architecting a high availability SAP NetWeaver infrastructure: Strategies for ensuring a successful, cost-effective implementation](#)
- [Choosing the right platform for your SAP implementation: Six case study TCO assessments that help you make the right choice](#)
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- [Designing a Solid, Lasting Landscape for Your SAP Enterprise Portal Implementation: Using the Most Effective Technical Options to Meet Your Key Requirements](#)

- Ensure effective system management by configuring the right infrastructure for SAP Solution Manager using central system landscape maintenance
- Gearing Up for a Test-Drive of Linux for SAP
- Is It Time to Revisit Your SAP Security Infrastructure?
- Is User 'Sally Smith' Really Who She Claims to Be?! Lessons for Establishing Rock-Solid Authentication and Single Sign-On (SSO) Practices
- Keep Your Java-Based Systems and Applications Running Smoothly with Early Problem Detection: A System Administrator's Guide to State Monitoring in SAP NetWeaver '04
- Lessons in Logon Load Balancing
- Optimizing, Monitoring, and Fine-Tuning a Newly Upgraded Release 4.x Spool Service
- PDK Installation and Customization for SSO Access to SAP Systems: Essential Lessons for Developers and Implementation Teams
- Provide accurate and consistent language support for your global MDMP systems by converting to Unicode
- Ready to Resize Your R/3 Platform
- Selecting the Optimal System Landscape for Your SAP R/3 Upgrade Project
- Size Does Matter - Strategies for Successful SAP R/3 Capacity Planning
- Speed Up High-Throughput Business Transactions with Parallel Processing - No Programming Required!
- Take your first steps with the Java-based SAP Web ApplicationServer in SAP NetWeaver '04: An implementation primer for system administrators

Integration

- Integrate Your SAP Data into SAP BusinessObjects Planning and Consolidation
- SAP Business Connector 4.8 and SAP NetWeaver PI Compared: When to Use Each

IT

- Get Started with Cloud Computing and SAP Today

Java

- Consume Enterprise Services in Java Using SAP NetWeaver Developer Studio to Achieve Your Business Process Goals
- Define Secure Connections with the Destination Service in SAP NetWeaver AS Java
- Develop, Debug, and Manage Java Services in SAP Business Connector 4.8
- Introducing the SAP Java IDoc Class Library Part 1: An Easier Way to Write Java Programs That Create and Send IDocs to an SAP System
- Introducing the SAP Java IDoc Class Library Part 2: An Easier Way to Write Java Programs That Receive and Process IDocs from an SAP System
- Quickly Solve Custom Application Problems Using Java Debugging
- Secure Your Enterprise Application with Authentication in SAP NetWeaver Web AS Java
- The Office Document Toolbox for Creating RTF Documents and Spreadsheet Files Using ABAP: Part 2 — Reading and Writing Excel Documents
- XML Messaging with the SAP Business Connector Part 1: Direct IDoc-XML Data Exchange and Outbound IDoc-to-XML Data Mapping with Flow Services
- XML Messaging with the SAP Business Connector Part 2: Outbound IDoc-to-XML Data Mapping with XSLT and Java Services, and Inbound XML-to-IDoc Data Mapping

Java Development

- A Beginner's Guide to Implementing SAP Exchange Infrastructure (SAP XI) - Paving the Way to Seamless Integration
- A guided tour of Java software development lifecycle management with SAP NetWeaver Development Infrastructure (NWDI): Part 1 — Fundamental concepts
- A Guided Tour of the SAP Java Persistence Framework — Achieving Scalable Persistence for Your Java Applications
- A guided tour of the SAP NetWeaver Application Server upgrade tools
- Achieving Platform-Independent Database Access with Open SQL/SQLJ - Embedded SQL for Java in the SAP Web Application

Server

- [BAPI Basics When Programming with Java](#)
- [BAPI Programming Made Easy](#)
- [BAPI Programming with Java — Beyond the Basics](#)
- [BAPI Return Messages Made Easy](#)
- [Build Custom Java iViews for SAP Data Using Eclipse: A Guide for Developers and Implementation Teams](#)
- [Building Flexible, Reliable, Distributed Java Applications with the Java Message Service \(JMS\) — An Introduction to JMS Programming](#)
- [Developing Custom Applications for SAP Enterprise Portal — Advanced Java and .NET Options to Consider in Light of SAP NetWeaver](#)
- [Developing Java Services for the SAP Business Connector](#)
- [Gain a Real-World Understanding of How Your Applications Will Operate on a New Platform — Porting a J2EE Application to SAP Web Application Server](#)
- [Get big rewards from a little extra code: A developer's guide to boosting the reliability of your Java-based applications with State Monitoring in SAP NetWeaver '04](#)
- [Get Started Developing, Debugging, and Deploying Custom J2EE Applications Quickly and Easily with SAP NetWeaver Developer Studio](#)
- [Getting more from State Monitoring in SAP NetWeaver '04 — achieve maximum flexibility with its advanced programmatic interface](#)
- [How to avoid Web Dynpro Java implementation nightmares](#)
- [Implement Logging and Tracing in Your Java-Based SAP NetWeaver '04 Applications with Ease: A Developer's Guide](#)
- [Integrate Web Dynpro into your SAP NetWeaver Portal to create dynamic, flexible applications](#)
- [Keep Your Java-Based Systems and Applications Running Smoothly with Early Problem Detection: A System Administrator's Guide to State Monitoring in SAP NetWeaver '04](#)
- [Kick up the speed and quality of your Java development with Java plug-in programming in SAP NetWeaver Developer Studio](#)
- [Leverage component-based architecture in Web Dynpro for Java business applications: Part 1 - Design methodology, concepts, and case study](#)
- [Leverage component-based architecture in Web Dynpro Java business applications: Part 2 — Component models](#)
- [Leverage component-based architecture in Web Dynpro Java business applications: Part 3 — Componentization patterns in practice](#)
- [Password Management for Extranet Applications](#)
- [PDK Installation and Customization for SSO Access to SAP Systems: Essential Lessons for Developers and Implementation Teams](#)
- [Persist Data for Your J2EE Applications with Less Effort Using Entity Beans with Container-Managed Persistence \(EJB CMP\)](#)
- [Pinpoint Problems in Java-Based Applications with Ease Using SAP NetWeaver '04 Logging and Tracing: A System Administrator's Guide](#)
- [Reduce Development and Maintenance Time Using an Object-Oriented Framework for Deploying Application Logic in SAP JCo Server Environments](#)
- [Repositories in the SAP Java Connector \(JCo\)](#)
- [Server Programming with the SAP Java Connector \(JCo\)](#)
- [Solve configuration-related problems faster and better in your Java-based SAP NetWeaver '04 systems: A system administrator's troubleshooting guide](#)
- [Spend More Time Modeling Your Java Applications and Less Time Trying to Persist Your Data — Java Data Objects \(JDO\) Makes It Easy!](#)
- [Streamline business processes and increase user productivity with SAP NetWeaver: Build forms-based Web Dynpro applications using Interactive Forms based on Adobe software](#)
- [Techniques for minimizing the performance impact of Java garbage collection across your system landscape](#)
- [The new EJB 3.0 specification— why it's time to reevaluate Enterprise JavaBeans](#)
- [Tips and best practices for implementing information broadcasting for Microsoft Excel Workbooks in SAP NetWeaver 2004s](#)
- [Tips and Tricks for SAP Java Connector \(JCo\) Client Programming](#)
- [Using Advanced Java Message Service \(JMS\) Features to Increase the Efficiency and Maintainability of Your Distributed Java Applications](#)
- [Web Dynpro — what it is, what it does, why it exists, and how to get the best results from it: An introduction to the fundamental principles of Web Dynpro](#)

- Web services or RFCs — choosing the right technology for your SAP integration challenges
- Web-Enable Your SAP Applications with the Power of JavaScript
- Web-Enabling SAP R/3 with Java — A Guide for the Uninitiated

Master Data Management (MDM)

- A guided tour of Java software development lifecycle management with SAP NetWeaver Development Infrastructure (NWDI): Part 2 — The development process
- Centralize, harmonize, and distribute your master data with SAP NetWeaver Master Data Management (MDM)
- Minimize data warehouse disruption post mergers and acquisitions with SAP NetWeaver 7.0's Universal Data Connect and Master Data Management
- Why You Need and How You Build BAPI Components

Migrations

- A Homogeneous System Copy in 60 Minutes? It Can Be Done!
- A Step-by-Step Guide to Planning for a Successful OS/DB Migration Project
- Choosing the right platform for your SAP implementation: Six case study TCO assessments that help you make the right choice
- Gain a Real-World Understanding of How Your Applications Will Operate on a New Platform — Porting a J2EE Application to SAP Web Application Server
- Gearing Up for a Test-Drive of Linux for SAP
- Migrate Your SAP BW 3.x Data Flow to Upgrade to SAP NetWeaver BI 7.0's New Features and Functionalities
- Performing a Successful and Cost-Effective Migration of Your SAP System: Understanding the Export Process
- Performing a Successful and Cost-Effective Migration of Your SAP System: Understanding the Import Process
- The Legacy System Migration Workbench (LSMW) - A Guide to Data Migration with BAPIs
- To Migrate or Not to Migrate — Proper Preparation Is the Key to Making the Right Decision and Ensuring a Successful Migration

Mobile

- Best practices for planning, deploying, and maintaining mobile applications with SAP NetWeaver Mobile 7.0
- Designing and developing mobile applications for SAPConsole using ABAP: Best practices and lessons learned

Modifications/Enhancements

- 18 Techniques for Locating the Underlying Data of a Screen Field
- Enhance Your Warehouse Processes with WM User Exits: Tackling Common Customization Requirements
- Extend standard SAP functionality of user exits through field symbols to meet custom business needs
- Extending and Modifying SAP Standard with Business Add-Ins and the New Modification Assistant
- Introducing the switch and enhancement framework — consolidating industry solutions with the mySAP ERP core
- The Basics and Beyond: Manage Modifications Effectively with the SAP Modification Assistant, Modification Browser, and Object Adjustment Tools
- Use the Enhancement Package for SAP ERP strategy to develop and enhance Web Dynpro ABAP applications: Part 2 — Enhancing existing Web Dynpro ABAP applications

Monitoring/Logging

- Decrease Problem Determination Costs and Increase User Satisfaction with SAP Logging Solutions
- Get big rewards from a little extra code: A developer's guide to boosting the reliability of your Java-based applications with State Monitoring in SAP NetWeaver '04
- Getting more from State Monitoring in SAP NetWeaver '04 — achieve maximum flexibility with its advanced programmatic interface
- Implement Logging and Tracing in Your Java-Based SAP NetWeaver '04 Applications with Ease: A Developer's Guide
- Increase productivity with a proven methodology for change request management

- **Keep Your Java-Based Systems and Applications Running Smoothly with Early Problem Detection: A System Administrator's Guide to State Monitoring in SAP NetWeaver '04**
- **Optimizing, Monitoring, and Fine-Tuning a Newly Upgraded Release 4.x Spool Service**
- **Pinpoint Problems in Java-Based Applications with Ease Using SAP NetWeaver '04 Logging and Tracing: A System Administrator's Guide**
- **Standardize your testing and improve software reliability - Integrate SAP Solution Manager with SAP Quality Center by HP**

Performance

- **Configure SAP BusinessObjects Planning and Consolidation for SAP NetWeaver to Optimize System Performance**
- **Get the Maximum Out of a BRSPACE Online Reorganization**
- **Key Parameters Help Optimize SAP Extended Memory on AIX 64-Bit Kernel**
- **Understanding and Optimizing Your ALE Data Distribution: Controlling ALE Processing**
- **Understanding and Optimizing Your ALE Data Distribution: Minimizing Data Volume**

Performance Optimization

- **A Custom Performance Test — Is It for You?**
- **Achieving a More Manageable and Reliable R/3 Spool Server Landscape Using Release 4 Output Classifications, Logical Servers, and Alternate Servers**
- **Best practices for performance-tuning SAP R/3 and Oracle database configurations: Part 1 — SAP tools for monitoring R/3 functionality**
- **Best practices for performance-tuning SAP R/3 and Oracle database configurations: Part 2 — Tools for optimizing Oracle databases**
- **Best practices for performance-tuning SAP R/3 and Oracle database configurations: Part 3 — The top 10 performance challenges of running SAP R/3 on HP Tru64 Unix**
- **Boost SAP R/3 Performance by Reorganizing Your Oracle Database: A Proven Reorganization Strategy**
- **Boost the information processing capabilities of your ABAP programs using regular expressions with SAP NetWeaver**
- **Boost the information processing capabilities of your ABAP programs using regular expressions with SAP NetWeaver — advanced techniques**
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- **Optimize Database Access and Increase System Performance Through More Efficient ABAP Programming**
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- **Performance Problems in ABAP Programs: How to Find Them**
- **Performance Problems in ABAP Programs: How to Fix Them**
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- **Size Does Matter - Strategies for Successful SAP R/3 Capacity Planning**
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- **Transaction Handling in SAP R/3 — What Every Programmer Needs to Know**

Planning

- [Avoid Audit Problems by Building Controls as Part of Your Implementation Life Cycle](#)
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Portals

- [Advanced techniques for enhancing your SAP Enterprise Portal iViews with Visual Composer — a purely model-driven, code-free development approach](#)
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- [Web Dynpro — what it is, what it does, why it exists, and how to get the best results from it: An introduction to the fundamental principles of Web Dynpro](#)

Process Integration

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- [A Beginner's Guide to Implementing SAP Exchange Infrastructure \(SAP XI\) — Designing and Configuring an SAP XI Integration](#)
- [Easily integrate unstructured and semi-structured data into SAP NetWeaver Process Integration \(formerly XI\) using the Conversion Agent](#)
- [Improve the flexibility of your SAP solution landscape with the new Adaptive Computing Controller 7.1](#)
- [Mastering SAP NetWeaver Exchange Infrastructure 7.0: Successfully integrate SAP applications into a non-SAP, non-XML world](#)
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- [Using SAP NetWeaver Process Integration \(PI\) to ensure the safe transfer of data across security domain boundaries](#)

Project Management

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- [Introducing SLO - A Service, Methodology, and Set of Prewritten Programs for Changing 'Unchangeable' R/3 Data](#)
- [Is Your R/3 System Recovery Plan a Disaster? A Three-Step Approach for Designing Recovery and Availability Plans](#)
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- [Paving the Way for a Smooth and Successful Integration of Your EDI and SAP Systems](#)
- [Performance Testing Your SAP System - Best Practices for Preparing Your Test Environment](#)
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- [Performing change management tasks during each phase of an SAP project to achieve the greatest ROI and ensure successful implementations](#)
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- [SAP journey mapping — how to develop a winning mySAP ERP upgrade strategy](#)

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- [Unveil the power of loosely coupled composite applications by replacing services for additional functionality](#)
- [Use stakeholder maps to secure support for your SAP projects and ensure successful implementations](#)
- [What is change management and why is it important? An overview of change management and the seven precepts that can help every SAP project](#)

Reporting

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- [A Developer's Guide to the New ALV Grid Control](#)
- [Create Powerful Reports Quickly and Easily: A 'Train-the-Trainer' Approach to Learning and Teaching the ABAP Query Reporting Tool](#)
- [Dynamic Documents: Completing the New Face of Reporting](#)
- [Empower your end users to create informative reports in real time with no technical training — an administrator's guide to configuring and using the SAP R/3 query reporting tools](#)
- [How to prepare for an SAP audit: What you need to do to ensure a successful result](#)
- [Need a Quick Look at Your SAP R/3 Data? Create Simple Reports Fast with QuickViewer](#)
- [Real-Time Business Process Analytics with SAP NetWeaver BPM and SAP NetWeaver Visual Composer](#)
- [Reconsidering the ABAP Query for Your Reporting Needs - Proper Configuration Is the Key to Success](#)
- [Simplifying Ad Hoc Queries and Web Reporting with SAP's New InfoSet Query](#)
- [Take a fresh look at the redesigned SAP List Viewer in SAP NetWeaver '04: Write programs to present tabular data in less time and with fewer lines of code](#)
- [The SAP Query Reporting Tool: A Faster and Easier Way to Enrich Your SAP Reports with Calculated and Dynamic Data](#)
- [Use SAP Solution Manager's extensive reporting capabilities to ensure consistent performance across your system landscape through proactive monitoring](#)
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Roadmaps

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SAP BusinessObjects

- [6 Ways to Troubleshoot Common Issues with SAP BusinessObjects Planning and Consolidation Configuration](#)
- [Configure SAP BusinessObjects Planning and Consolidation for SAP NetWeaver to Optimize System Performance](#)
- [Debug Application Logic More Efficiently in SAP BusinessObjects Planning and Consolidation](#)
- [Integrate Your SAP Data into SAP BusinessObjects Planning and Consolidation](#)
- [Quick Tip: 3 Steps to Set Debug Options for Fast Issue Resolution](#)
- [Resolve System Issues Quickly with Detailed Logging and Tracing Options](#)
- [SAP BusinessObjects Planning and Consolidation: Add Sophisticated Enhancements Through the Shared Query Engine BADI](#)
- [Tips and Tricks for Data Conversion in SAP NetWeaver BW and SAP BusinessObjects Planning and Consolidation](#)
- [Use Data Federator for Relational Universes on Top of SAP NetWeaver BW](#)

SAP Solution Manager

- Centralize and simplify SAP solution maintenance across your system landscape with the Maintenance Optimizer — an administrator's guide
- Ensure Customizing Data Consistency and Smooth-Running Business Processes Across Your SAP System Landscape with Customizing Synchronization
- Ensure effective system management by configuring the right infrastructure for SAP Solution Manager using central system landscape maintenance
- Provide accurate and consistent language support for your global MDMP systems by converting to Unicode
- SAP Solution Manager — 'Command Central' for Implementing Your mySAP Solutions ... and Much More!
- Standardize your testing and improve software reliability - Integrate SAP Solution Manager with SAP Quality Center by HP
- Use SAP Solution Manager's extensive reporting capabilities to ensure consistent performance across your system landscape through proactive monitoring

Security

- Define Secure Connections with the Destination Service in SAP NetWeaver AS Java

Security/Governance, Risk, and Compliance (GRC)

- Audits and Regulatory Reviews — Will Your SAP Project Make the Grade?
- Ensure and track security across your SAP system landscape using SAP NetWeaver 7.0 BI analysis security
- How to prepare for an SAP audit: What you need to do to ensure a successful result
- Is It Time to Revisit Your SAP Security Infrastructure?
- Is User 'Sally Smith' Really Who She Claims to Be?! Lessons for Establishing Rock-Solid Authentication and Single Sign-On (SSO) Practices
- Password Management for Extranet Applications
- PDK Installation and Customization for SSO Access to SAP Systems: Essential Lessons for Developers and Implementation Teams
- Quick Tip: Implement SSL Certificates from Visual Administrator to Meet Security Needs
- Secure Your Enterprise Application with Authentication in SAP NetWeaver Web AS Java
- Using SAP NetWeaver Process Integration (PI) to ensure the safe transfer of data across security domain boundaries

Service-Oriented Architecture

- SAP NetWeaver Composition Environment 7.2: New Feature Improves Development of Loosely Coupled SOA-Based Applications
- Take a Serious Look at the "A" in SOA and Gain Flexible, Adaptable Architecture
- Use SAP ES Explorer to Streamline Integration of Microsoft .NET Applications and SAP Business Applications

Solution Manager

- Get Ready to Implement SAP Enhancement Packages for SAP ERP 6.0
- Overcome Offsite Delivery Challenges and Improve Productivity
- Use SAP Solution Manager Change Request Management to Support Your Implementation Project

System Administration

- A Basis Administrator's Step-by-Step Guide to Performing an Upgrade to SAP R/3 Enterprise
- A Basis Administrator's Step-by-Step Guide to Preparing for an Upgrade to SAP R/3 Enterprise
- A Custom Performance Test — Is It for You?
- A guided tour of the SAP NetWeaver Application Server upgrade tools
- A Homogeneous System Copy in 60 Minutes? It Can Be Done!
- A Step-by-Step Guide to Planning for a Successful OS/DB Migration Project
- A system administrator's practical guide to SAP System Landscape Directory (SLD)

- [A Three-Step Process for Averting Downtime When Modifying Your R/3 System](#)
- [Achieving a More Manageable and Reliable R/3 Spool Server Landscape Using Release 4 Output Classifications, Logical Servers, and Alternate Servers](#)
- [Adequately Account for Business Requirements and Avoid Archiving Anarchy](#)
- [An insider's guide to writing robust, understandable, maintainable, state-of-the-art ABAP programs: Part 3 — additional best practices and administrative issues](#)
- [An Introduction to SAP's New and Improved Frontend Printing](#)
- [Architecting a high availability SAP NetWeaver infrastructure: Strategies for ensuring a successful, cost-effective implementation](#)
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- [Best practices for performance-tuning SAP R/3 and Oracle database configurations: Part 3 — The top 10 performance challenges of running SAP R/3 on HP Tru64 Unix](#)
- [Boost SAP R/3 Performance by Reorganizing Your Oracle Database: A Proven Reorganization Strategy](#)
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- [Centralize, harmonize, and distribute your master data with SAP NetWeaver Master Data Management \(MDM\)](#)
- [Choosing the right platform for your SAP implementation: Six case study TCO assessments that help you make the right choice](#)
- [Data Archiving Essentials — What Every Administrator Needs to Know](#)
- [Database System Copies Made Easy — A Guide for Copying an Entire R/3 System to a New Windows Platform](#)
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- [Is Your R/3 System Recovery Plan a Disaster? A Three-Step Approach for Designing Recovery and Availability Plans](#)
- [Keep Your Java-Based Systems and Applications Running Smoothly with Early Problem Detection: A System Administrator's Guide to State Monitoring in SAP NetWeaver '04](#)
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- [Speed Up High-Throughput Business Transactions with Parallel Processing - No Programming Required!](#)
- [Take your first steps with the Java-based SAP Web ApplicationServer in SAP NetWeaver '04: An implementation primer for](#)

system administrators

- The 15 Most Overlooked Items in Planning for High Availability and Disaster Recovery
- Use SAP Solution Manager's extensive reporting capabilities to ensure consistent performance across your system landscape through proactive monitoring
- Using SAP NetWeaver Process Integration (PI) to ensure the safe transfer of data across security domain boundaries

Testing

- Build a Reduced-Size System Copy for Testing with TDMS Shellcreation
- Bulletproof Your SAP Implementations and Legacy-to-SAP Conversions
- Consume Enterprise Services in Java Using SAP NetWeaver Developer Studio to Achieve Your Business Process Goals
- Get Your eCATT Test Case Right the First Time
- Implement Proven Testing Practices and Techniques for Large-Scale Global SAP Rollouts
- Quick Tip: 5 Steps to Integrate Third-Party Testing Tools into Your SAP System
- Select and Transfer a Time Slice of Data for Testing with SAP Test Data Migration Server 3.0

Testing/Troubleshooting

- A Custom Performance Test — Is It for You?
- An insider's guide to writing robust, understandable, maintainable, state-of- the-art ABAP programs: Part 1 — fundamental rules and formal criteria
- An insider's guide to writing robust, understandable, maintainable, state-of- the-art ABAP programs: Part 3 — additional best practices and administrative issues
- An Integrated Approach to Troubleshooting Your ABAP Programs: Expert Tips for Making the Most of the ABAP Debugger
- An Integrated Approach to Troubleshooting Your ABAP Programs: Using Standard SAP "Check" Tools During Development and Testing
- An Integrated Approach to Troubleshooting Your ABAP Programs: Using Standard SAP Investigative Tools for Production Problems
- Analyze Memory-Related Problems in Your ABAP Programs in Less Time and with Less Effort Using the ABAP Memory Inspector
- Attention ABAP Developers! Boost the Quality of Your Programs by Writing Automated Unit Tests with ABAP Unit
- Best practices for performance-tuning SAP R/3 and Oracle database configurations: Part 1 — SAP tools for monitoring R/3 functionality
- Best practices for performance-tuning SAP R/3 and Oracle database configurations: Part 3 — The top 10 performance challenges of running SAP R/3 on HP Tru64 Unix
- Evaluating the Quality of Your ABAP Programs and Other Repository Objects with the Code Inspector
- Evaluating, Incorporating, Altering, and Testing Headquarters-Defined Customizing: Lessons for Subsidiaries
- Extend the Range and Reduce the Costs of Your SAP Testing Activities with eCATT
- How to prepare for an SAP audit: What you need to do to ensure a successful result
- Improve Testing by Tracing ABAP Program Execution: Take a Closer Look with the Coverage Analyzer
- Improve your software quality by using ABAP checkpoint statements
- Introducing the next generation of ABAP debugging — the New ABAP Debugger
- Need to Get Your Customizing and Testing Ready for a Global Rollout? Use BC Sets and the Test Organizer to Smooth the Way!
- Performance Testing Your SAP System - Best Practices for Preparing Your Test Environment
- Performance Testing Your SAP System — Strategies for Ensuring a Successful Test Execution
- Put Better Programs into Production in Less Time with Code Reviews: What They Are, How to Conduct Them, and Why
- Ready to Start Leveraging eCATT? Take Your Existing CATT Tests with You!
- Solve configuration-related problems faster and better in your Java-based SAP NetWeaver '04 systems: A system administrator's troubleshooting guide
- Standardize your testing and improve software reliability - Integrate SAP Solution Manager with SAP Quality Center by HP
- Test and Manage Your SAP Configuration the Smart Way: Start Using Your eCATT Test Scripts and BC Sets Together!

Tools

- [Build a Reduced-Size System Copy for Testing with TDMS Shellcreation](#)
- [Build Multiple Web Service-Consuming Flex Applications Using Proxy Classes](#)
- [Develop Interactive Voice Applications with Ease Using Visual Composer](#)
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- [The Office Document Toolbox for Creating RTF Documents and Spreadsheet Files Using ABAP: Part 2 — Reading and Writing Excel Documents](#)

Troubleshooting

- [6 Ways to Troubleshoot Common Issues with SAP BusinessObjects Planning and Consolidation Configuration](#)
- [Debug Business Processes Built with SAP NetWeaver BPM to Resolve Errors Fast](#)
- [Develop, Debug, and Manage C/C++ Services in SAP Business Connector 4.8](#)
- [Develop, Debug, and Manage Java Services in SAP Business Connector 4.8](#)
- [Get Your eCATT Test Case Right the First Time](#)
- [Quick Tip: 3 Steps to Set Debug Options for Fast Issue Resolution](#)
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- [Quickly Solve Custom Application Problems Using Java Debugging](#)
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Unicode

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- [Selecting the Optimal System Landscape for Your SAP R/3 Upgrade Project](#)
- [Size Does Matter - Strategies for Successful SAP R/3 Capacity Planning](#)
- [Upgrading to R/3 Release 4.5 and Beyond: An ABAP Developer's Guide](#)

Visual Composer

- [Advanced techniques for enhancing your SAP Enterprise Portal iViews with Visual Composer — a purely model-driven, code-free development approach](#)
- [Develop Interactive Voice Applications with Ease Using Visual Composer](#)
- [Developing Custom Applications for SAP Enterprise Portal - Starting with the 'Right' Options in Light of SAP NetWeaver](#)
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- [Real-Time Business Process Analytics with SAP NetWeaver BPM and SAP NetWeaver Visual Composer](#)

Web

- [Build Multiple Web Service-Consuming Flex Applications Using Proxy Classes](#)
- [Call Portal iViews and SAP Screens within BSPs to Reduce Design Overhead](#)
- [Case Study: How to Enhance the Web Dynpro ABAP User Interface in SAP Business Suite 7.0](#)
- [Connect Your Process Model to Web Dynpro Components and Services Using Composite Designer for Smooth Process Execution](#)
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- [How to avoid Web Dynpro Java implementation nightmares](#)
- [Integrate Web Dynpro into your SAP NetWeaver Portal to create dynamic, flexible applications](#)
- [Leverage component-based architecture in Web Dynpro for Java business applications: Part 1 - Design methodology, concepts, and case study](#)
- [Leverage component-based architecture in Web Dynpro Java business applications: Part 2 — Component models](#)
- [Leverage component-based architecture in Web Dynpro Java business applications: Part 3 — Componentization patterns in practice](#)
- [Streamline business processes and increase user productivity with SAP NetWeaver: Build forms-based Web Dynpro applications using Interactive Forms based on Adobe software](#)
- [Use the Enhancement Package for SAP ERP strategy to develop and enhance Web Dynpro ABAP applications](#)
- [Use the Enhancement Package for SAP ERP strategy to develop and enhance Web Dynpro ABAP applications: Part 2 — Enhancing existing Web Dynpro ABAP applications](#)
- [Web Dynpro — what it is, what it does, why it exists, and how to get the best results from it: An introduction to the fundamental principles of Web Dynpro](#)

Web Services

- [Capture accurate solution requirements the first time with exploratory modeling \(xM\): How to nearly eliminate post-go- live application design failures](#)
- [Configure SAP BusinessObjects Planning and Consolidation for SAP NetWeaver to Optimize System Performance](#)
- [Consume Enterprise Services in Java Using SAP NetWeaver Developer Studio to Achieve Your Business Process Goals](#)
- [Develop composite applications with SAP NetWeaver Composition Environment 7.1: Part 3 — Modeling collaborative business](#)

processes with SAP tools

- Develop composite applications with SAP NetWeaver Composition Environment 7.1: Part 2 — User interfaces and the tools that help you create them
- Develop composite applications with SAP NetWeaver Composition Environment 7.1: Part 1 - Enterprise services and their usage within a composite application
- Extend the Internal and External Reach of Your Applications with ABAP-Based Web Services
- Get ready for the next generation of SAP business applications based on the Enterprise Service-Oriented Architecture (Enterprise SOA)
- Improve your business agility with enterprise SOA — a model-driven approach to flexible application development
- Unveil the power of loosely coupled composite applications by replacing services for additional functionality
- Use ABAP's Object Services to build object-oriented enterprise applications and divide database access from application logic
- Use the Enhancement Package for SAP ERP strategy to develop and enhance Web Dynpro ABAP applications
- Web services or RFCs — choosing the right technology for your SAP integration challenges

Workflow

- A Beginner's Guide to Building Workflows with the Workflow Builder
- Extending SAP Business Workflow with Web Forms
- Quickly Resolve SAP Interactive Form Issues for Seamless Printing Workflow
- Real-Time, Outbound Interfaces to Non-R/3 Systems Made Simple with Change Pointers, Message Control, and Workflow
- Rediscover SAP Business Workflow and improve productivity across your SAP landscape

XML

- Boost the information processing capabilities of your ABAP programs using regular expressions with SAP NetWeaver — advanced techniques
- Developing Java Services for the SAP Business Connector
- Easily integrate unstructured and semi-structured data into SAP NetWeaver Process Integration (formerly XI) using the Conversion Agent
- From XML to ABAP Data Structures and Back: Bridging the Gap with XSLT
- Mastering SAP NetWeaver Exchange Infrastructure 7.0: Successfully integrate SAP applications into a non-SAP, non-XML world
- Mastering the asXML Format to Leverage ABAP-XML Serialization
- Quickly and Easily Map Your ABAP and XML Data Using SAP Simple Transformations
- Using SAP NetWeaver Process Integration (PI) to ensure the safe transfer of data across security domain boundaries

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