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# Object Oriented Programming Abap Objects James

**James E. McDonough**

## **Object Oriented Programming Abap Objects James:**

*Object-Oriented Programming with ABAP Objects* James Wood,Joseph Rupert,2015-10-30 There's more to ABAP than procedural programming If you're ready to leap into the world of ABAP Objects or are already there and just need a refresher then this is the book you've been looking for Thanks to explanations of basic concepts practical examples that show OOP in action and updates for AS ABAP 7.4 you'll find answers to questions you didn't even know you had Clear Conceptual Explanations Master the basics with easy to understand explanations that make coding with classes and objects seem like second nature Practical Examples The best way to learn is by doing Download source code to practice your skills in object cleanup and initialization inheritance polymorphism and more Updates for New Releases and Tools Make sure your skills are up to date with the latest information on how AS ABAP 7.4 will affect your object oriented programming Highlights Working with objects Encapsulation and implementation hiding Object initialization and cleanup Inheritance Polymorphism Component based design Exceptions ABAP Unit ALV object model Object Services BOPF [Object-Oriented Programming with ABAP Objects](#) Jeffrey Boggess,Colby Hemond,James Wood,Joseph Rupert,2025-12-18 ABAPers get on the cutting edge of object oriented programming for ABAP Start by mastering the ABAP Objects syntax and then walk through object encapsulation initialization inheritance and polymorphism Dive into case studies that demonstrate object oriented programming in real world scenarios from consuming services with SAP BTP ABAP environment to modeling behavior with the ABAP RESTful application programming model Get expert tips downloadable code examples and best practices In this book you'll learn about a Working with ABAP Objects Explore the benefits of object oriented programming over classic procedural code Get ABAP Class Builder and ABAP Development Tools up and running and then learn the ABAP Objects syntax to build your first object oriented program b Basic to Advanced Object Oriented Programming Create flexible and reusable code with ABAP Objects Combine data and behavior through encapsulation initialize and clean up objects implement inheritance and polymorphism techniques and more c Modern Development Scenarios Apply your skills with real world case studies Work with SAP Business Technology Platform the ABAP RESTful application programming model and the Business Object Processing Framework to tackle today's programming challenges Highlights include 1 Encapsulation 2 Instantiation 3 Inheritance 4 Polymorphism 5 Component based design 6 Error handling 7 Unit testing 8 ABAP Class Builder 9 ABAP Development Tools 10 ABAP RESTful application programming model 11 SAP BTP ABAP environment Business Object Processing Framework BOPF [Object-Oriented Design with ABAP](#) James E. McDonough,2017-06-08 Conquer your fear and anxiety learning how the concepts behind object oriented design apply to the ABAP programming environment Through simple examples and metaphors this book demystifies the object oriented programming model Object Oriented Design with ABAP presents a bridge from the familiar procedural style of ABAP to the unfamiliar object oriented style taking you by the hand and leading you through the difficulties associated with learning these concepts covering not only the

nuances of using object oriented principles in ABAP software design but also revealing the reasons why these concepts have become embraced throughout the software development industry More than simply knowing how to use various object oriented techniques you ll also be able to determine whether a technique is applicable to the task the software addresses This book div Shows how object oriented principles apply to ABAP program design Provides the basics for creating component design diagrams Teaches how to incorporate design patterns in ABAP programs What You ll Learn Write ABAP code using the object oriented model as comfortably and easily as using the procedural model Create ABAP design diagrams based on the Unified Modeling Language Implement object oriented design patterns into ABAP programs Reap the benefits of spending less time designing and maintaining ABAP programs Recognize those situations where design patterns can be most helpful Avoid long and exhausting searches for the cause of bugs in ABAP programs Who This Book Is For Experienced ABAP programmers who remain unfamiliar with the design potential presented by the object oriented aspect of the language

[JavaScript Essentials for SAP ABAP Developers](#) Rehan Zaidi,2017-06-20 Easily master JavaScript JS with this quick guide and develop mobile and desktop applications for SAP Fiori This book equips ABAP SAP developers with the essential topics to get started with JS The focus of JavaScript Essentials for SAP ABAP Developers is on the parts of the JS language that are useful from the perspective of an ABAP developer The book starts with a brief intro to HTML the basics of JS and how to create and run a simple JS program It then dives into the details of the language showing how to make simple programs It covers loops in detail mathematical operations and string and regular expressions in JS as well as a taste of functions followed by objects and object oriented programming in JavaScript The book provides Sample code and screenshots to help you fully understand JS A chapter on JS best practices and recommendations Differences and comparisons of the elements and data structures of ABAP and JavaScript to help you quickly master the material What You ll Learn Create and run a simple JavaScript program Understand loops operations and expressions Master the Create and Use functions Use objects and object oriented programming in JS Apply the best practices of JS programming Who This Book Is For SAP programmers and developers ABAP users and developers and university students learning ABAP and JavaScript

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**Object-Oriented ABAP** Igor Barbaric, 2009-12-26 Design patterns provide you with proven solutions for everyday coding problems. This SAP Essentials guide shows how to apply them to your favourite language ABAP. Expanded by the implementation of the MVC pattern in Web Dynpro and a new chapter on the Factory pattern this second edition of our programming workshop now covers all important patterns and all up to date ABAP techniques. Watch how the expert codes the patterns and immediately benefit from better stability and maintainability of your code.

**An Introduction To Object Oriented Programming** Timothy Budd, 1997

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