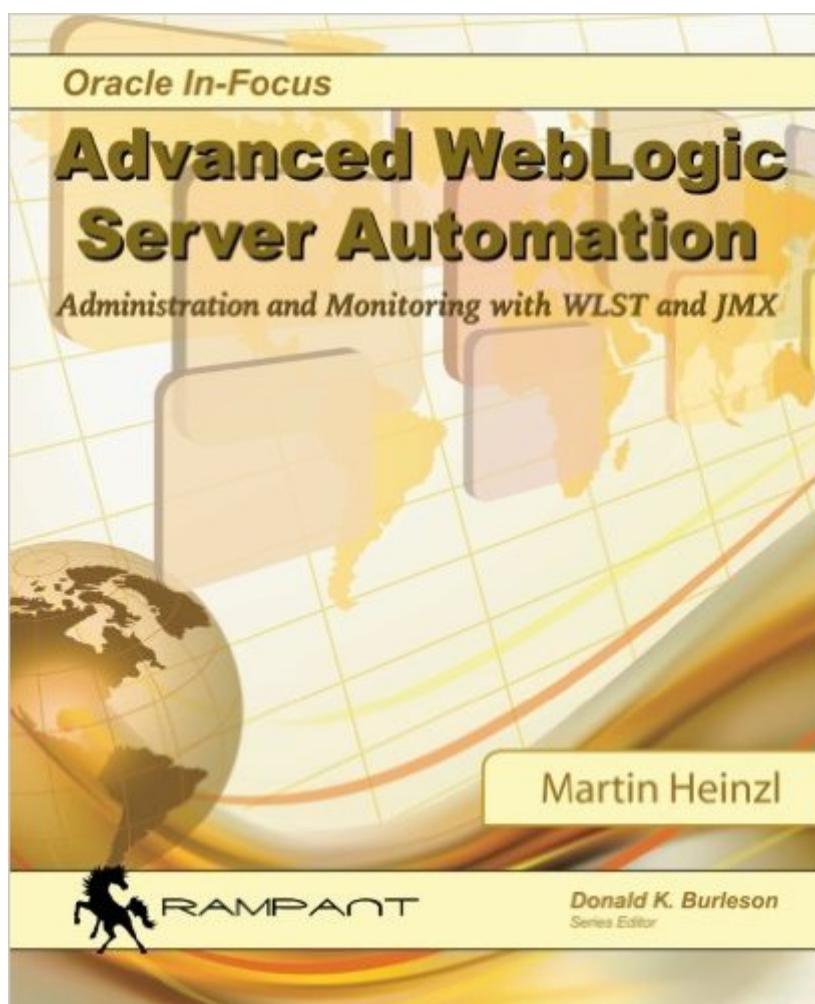


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Advanced WebLogic Server Automation: Administration And Monitoring With WLST And JMX (Oracle In-Focus Series) (Volume 46)



Synopsis

All production environments need automated, auditable, and reproducible processes. This book discusses how to automate all aspects of WebLogic, an essential prerequisite for all production environments. The WebLogic Server platform is recognized as one of the leading J2EE application servers and is the foundation of the Fusion Middleware platform. It is well suited for a variety of different application architectures including modern grid and cloud infrastructures. A large number of WebLogic installations from a single server to thousands of servers exist all over the world. Complex environments may consist of hundreds of domains and thousands of managed-servers. It is impossible for an administrator group to maintain all those servers with manual tasks or the web console. This book is written based on 15+ years of experience with many real architecture and consultancy assignments, and includes tips based on lessons learned from real project experience. Its main focus is to teach readers who are already familiar with WebLogic how to use the powerful automation APIs to operate WebLogic in small to very complex environments. This book includes many practical examples that can be easily adapted to the reader's needs. This book does not use the WebLogic GUI nor talk about J2EE programming; it focuses on automation only. A comprehensive code download of powerful WLST and JMX scripts is also provided.

Book Information

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Customer Reviews

This is a fantastic book if you are a WebLogic administrator or a developer on the Oracle FMW platform. Compared to the somewhat sparse Oracle documentation on WLST it's like being handed the manual for an Ikea flatpack; after having spent dozens of hours fiddling with screws and

rebuilding. Little time is spent on generic Jython and WebLogic topics, true to the word "advanced" the author dives in after just a glance. The content of this book can then be split into three parts; WLST, JMX and a smaller chapter on other automation related topics. The real gold is in the examples - they are all working and written as standalone functions. It's obvious that the writer has run into many (if not all) of the obstacles WLS administrators run into sooner or later. Monitor a queue and start a shell script on rising numbers? There's an example on that. Developers screaming for automation of domain creation or scripted deployments, including data sources? It's there. You find that in a basic setup the standard out log is filling up the drive? It's hidden, but in the book. You need to import user accounts into WebLogic every night? Needs some hammering, but it's there. Although the author does not explicitly list all of the functions, no WLST (and partly JMX) command is left without a small example. A drawback: when setting up server automation you would probably choose WLST and only in some cases JMX. Either way, half of the book would be of little use to you. The topics in the book on both technologies are so similar that going from one to the other feels like rereading it with all of the examples written in another programming language. Also, maybe not a drawback, but that's a lot of examples. This is not light reading (unless you enjoy reading code).

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