

(Library ebook) Jython Essentials: Rapid Scripting in Java

Jython Essentials: Rapid Scripting in Java

Von *Samuele Pedroni, Noel Rappin*
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Von Samuele Pedroni, Noel Rappin : Jython Essentials: Rapid Scripting in Java before purchasing it in order to gage whether or not it would be worth my time, and all praised Jython Essentials: Rapid Scripting in Java:

KundenrezensionenHilfreichste Kundenrezensionen9 von 9 Kunden fanden die folgende Rezension hilfreich. Das erste komplette Buch ber JythonVon Ein KundeDieses Buch beschreibt das, was man als Java Programmierer wissen mchte, ohne im Jython-Quellcode und im Internet zu suchen. Es ist die bisher beste Dokumentation wie Jython und Java zusammenarbeiten knnen.Es wird ausfhrlich gezeigt, wie man Java-Klassen in Jython nutzen kann, wie man Jython Klassen in Java nutzen kann, und wie das Zusammenspiel zwischen Jython und Java funktioniert.Ein "must

have" für alle Java Entwickler, die Python einsetzen wollen und für alle Python Entwickler, die auch Java libraries einsetzen möchte. 0 von 0 Kunden fanden die folgende Rezension hilfreich. Highly recommended Von P. Balm I fully agree with the previous reviewer, it's the high quality that we're used to from o'Reilly. It's to the point, the authors really know what they're talking about. You can read this book to learn and use it as a reference manual later on. The only reason for me not to give this book five stars is that it's dry reading material. It can be an advantage when you're using it as a reference (one finds quickly what one needs), but if you plan to read the entire book, you will need persistence.

Kurzbeschreibung Jython is an implementation of the Python programming language written in 100% pure Java, so it runs under any compliant Java Virtual Machine. The secret to Jython's popularity lies in the combination of Java's libraries and tools with Python's rapid development capabilities. With Jython, you can write Python programs that integrate seamlessly with any Java code. And like Python, Jython can be used interactively, so you can get immediate results as you are programming. Jython Essentials provides a solid introduction to the Python language, offering a brief but thorough tour of the Python concepts you'll need to understand to use Jython effectively. The book makes frequent comparisons between Python and Java, with special emphasis on the different object-oriented semantics of the two languages, so Java programmers can quickly get up to speed with Jython. Jython Essentials also covers the various ways in which Jython and Java can interact. For example, Jython code can create instances of pre-existing Java classes and call methods in those instances. You can write Jython classes that are direct subclasses of existing Java classes and use introspection to discern the capabilities of JavaBeans components. This book provides examples of using Jython with existing Java libraries, including the Swing GUI toolkit, the JDBC database API, the Servlet API, and various XML tools. And finally, the book shows how Jython can be used as a scripting language within a Java program. With Jython Essentials, you have everything you need to start creating applications that mix the best of Python's interactivity and Java's robust libraries.

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Synopsis Jython is an implementation of the Python programming language, seamlessly integrated with the Java platform. It allows programmers to compile Python source code to Java byte code, and run the resulting bytecode on any Java Virtual Machine. Jython offers an integration of Python and Java, so that from Python, programmers can have complete access to all Java libraries, can build applets, integrate with Java beans and subclass Java classes. Like Python, Jython can also be used interactively so that the programmer can get immediate results. Jython is complementary to Java and is especially well-suited for programming tasks like embedded scripting (Java programmers can add the Jython libraries to their system to allow end-users to write simple or complicated scripts that can add functionality to applications); interactive experimentation (Jython provides an interactive interpreter that can be used to interact with Java packages and allows programmers to experiment on the fly); and rapid application development (Python programs are typically 5-10X shorter than the equivalent Java program, which translates directly to increased programmer productivity). The seamless interaction between Python and Java allows developers to freely mix the two languages both during development and in shipping products. The library classes available to Jython are all of those available to Java (plus a good subset of the standard Python library.) "Jython Essentials" offers Java and Python programmers what they need to figure out what makes the Python and Java combination so potent for program development. They should find through the introduction to the language, examples and reference material in the book, that the secret to Jython's success lies in Java's architecture and tool set and Python's extremely rapid development.