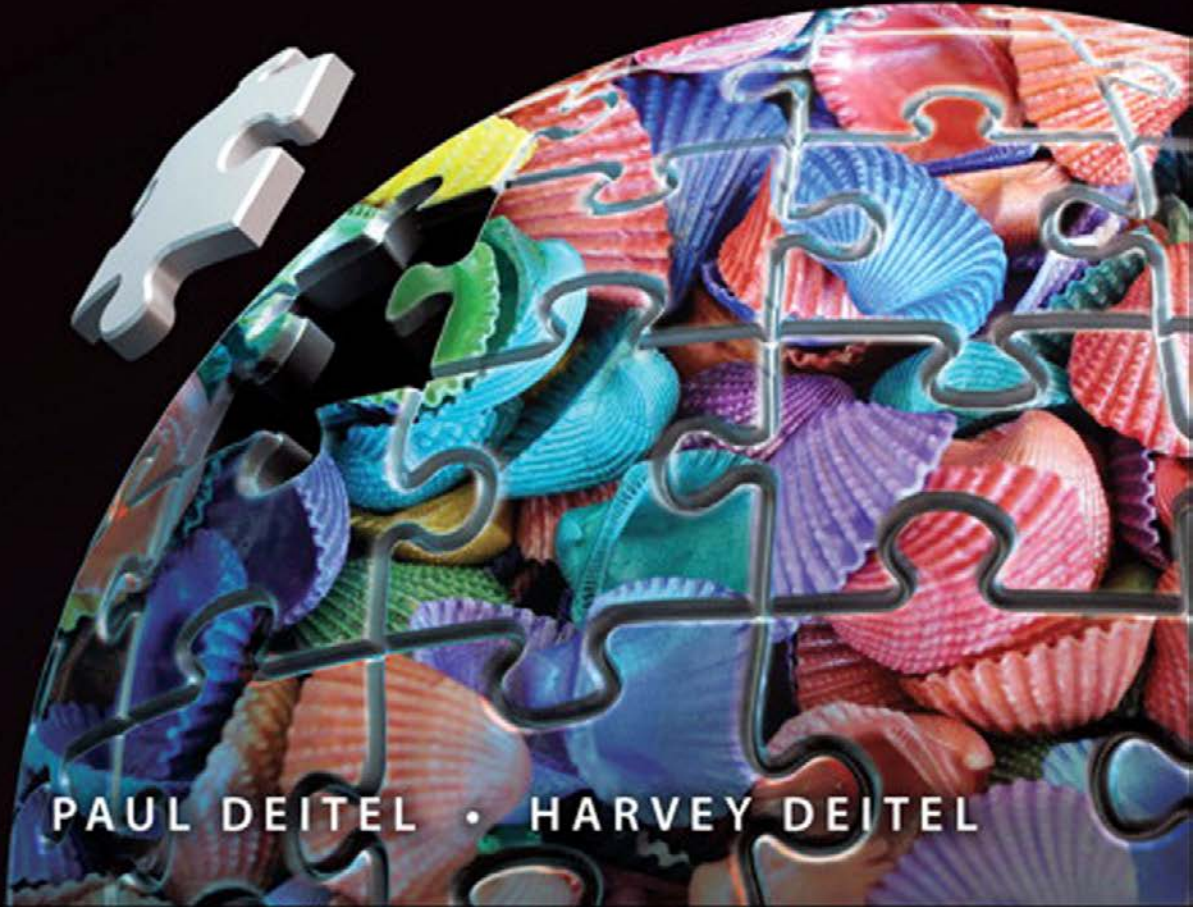
DEITEL® DEVELOPER SERIES

Java® 9 for Programmers

Interactive Java *with* **JShell**

Java Platform Module System (Project Jigsaw)



PAUL DEITEL • HARVEY DEITEL

DEITEL® DEVELOPER SERIES

The DEITEL® DEVELOPER SERIES is designed for professional programmers. The series presents focused treatments on emerging and mature technologies, including Java®, C++, C, C# and .NET, JavaScript®, Internet and web development, Android™ app development, iOS® app development, Swift™ and more. Each book in the series contains the same live-code teaching methodology used in the Deitels' HOW TO PROGRAM SERIES college textbooks—in this book, most concepts are presented in the context of completely coded, live apps.

ABOUT THE COVER

The cover art we selected reflects some key themes of ***Java® 9 for Programmers***: The art includes a colorful collection of sea shells—one of Java 9's key features is **JShell**, which is **Java 9's REPL (read-eval-print-loop) for interactive Java**. JShell is one of the most important pedagogic and productivity enhancements to Java since it was announced in 1995. We discuss JShell in detail in Chapter 23 and show how you can use it for discovery and experimentation, rapid prototyping of code segments and to learn Java faster. The shell art is overlayed onto a sphere of jigsaw puzzle pieces representing the earth. The most important new software-engineering capability in Java 9 is the **Java Platform Module System** (Chapter 27)—which was developed by Project Jigsaw.

Cover graphic: Jigsaw Puzzles, © StacieStauffSmith Photos/ShutterStock
Sea Shells, © Mopic/ShutterStock

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Java 9 for Programmers

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