

Programmer En Java Couvre Java 9 10 Me Dition Fnac Livre

Ce livre s'adresse aux développeurs souhaitant maîtriser le développement d'applications Android. Il couvre toutes les phases du développement d'applications pour smartphones et tablettes Android et ne nécessite que des connaissances basiques en programmation objet et sur le langage Java. Prenant en exemple le développement d'une application de gestion de DVD, les différents chapitres de ce livre permettent au lecteur de découvrir progressivement les notions indispensables à la construction d'une application de qualité professionnelle. Chaque notion présentée est ainsi expliquée, illustrée par des exemples de code et remise dans son contexte. De l'installation de l'environnement de développement Android Studio à la publication de l'application finale sur le Play Store de Google, le lecteur est invité à utiliser les composants les plus répandus de la plateforme : composants texte, boutons, activités et fragments, mais également listes, boîtes de dialogue, panneaux de navigation, barre d'actions, etc. Couvrant toutes les versions d'Android jusqu'à Lollipop, le livre présente les différentes méthodes qui permettent de rendre l'application compatible avec tous les terminaux Android, et décrit comment mettre en oeuvre le modèle Master/Detail pour offrir une expérience utilisateur optimale sur tout type d'écran, du plus petit smartphone aux tablettes les plus récentes. Les tâches asynchrones (AsyncTask), véritables pierres angulaires du développement Android, sont présentées en détail et utilisées tout au long de l'ouvrage pour la gestion des bases de données SQLite, le développement de services, l'interrogation de services web via la bibliothèque dédiée Volley et l'interprétation du format JSON. Le lecteur apprendra également à tirer profit des puissants outils que sont les filtres d'intentions, les BroadcastReceiver et les intentions implicites, et acquerra toutes les connaissances nécessaires à l'envoi et la réception de SMS, la manipulation de l'appareil photo, des capteurs et l'utilisation de la géolocalisation. Les styles, les images redimensionnables, les visuels définis en xml, les animations de transitions, permettront enfin au développeur de soigner l'aspect visuel de ses applications. En accompagnement du livre, le code du projet est téléchargeable pour chaque chapitre, sur le site, permettant au lecteur d'explorer plus en avant les notions présentées.

The Only Complete Technical Primer for MDM Planners, Architects, and Implementers Companies moving toward flexible SOA architectures often face difficult information management and integration challenges. The master data they rely on is often stored and managed in ways that are redundant, inconsistent, inaccessible, non-standardized, and poorly governed. Using Master Data Management (MDM), organizations can regain control of their master data, improve corresponding business processes, and maximize its value in SOA environments. Enterprise Master Data Management provides an authoritative, vendor-independent MDM technical reference for practitioners: architects, technical analysts, consultants, solution designers, and senior IT decisionmakers. Written by the IBM® data management innovators who are pioneering MDM, this book systematically introduces MDM's key concepts and technical themes, explains its business case, and illuminates how it interrelates with and enables SOA. Drawing on their experience with cutting-edge projects, the authors introduce MDM patterns, blueprints, solutions, and best practices published nowhere else—everything you need to establish a consistent, manageable set of master data, and use it for competitive advantage. Coverage includes How MDM and SOA complement each other Using the MDM Reference Architecture to position and design MDM solutions within an enterprise Assessing the value and risks to master data and applying the right security controls Using PIM-MDM and CDI-MDM Solution Blueprints to address industry-specific information management challenges Explaining MDM patterns as enablers to accelerate consistent MDM deployments Incorporating MDM solutions into existing IT landscapes via MDM Integration Blueprints Leveraging master data as an enterprise asset—bringing people, processes, and technology together with MDM and data governance Best practices in MDM deployment, including data warehouse and SAP integration

This compendium of information on translation & localization provides you with an easy-to-read guide on how you can successfully approach a document or software localization project. The translation & localization processes are complicated ones. You can use this booklet to help prepare your projects & to better address your localization needs during the development process. The better prepared you are going into your project, the more efficiently it can be managed to shorten timelines, reduce costs, & improve quality. This guide is written in a way that will give you a good overview & a set of directions so that you can readily use it as a reference book for information on specific topics. By offering your products around the world in a version that appeals to each locale, you can increase your organization's distribution, extend the life of your products, & be less dependent upon the American market alone. Partial Contents: The Localization Launch Pad; Managing Your Terminology; Translation Tools; Documentation Project Management; Software Localization Project Management; Getting the Best Quality Translation; Software Internalization & Localization; Quality Assurance & Your Product; Translation & Localization Glossary; Resources

Start building powerful programs with Java 6—fast! Get an overview of Java 6 and begin building your own programs Even if you're new to Java programming—or to programming in general—you can get up and running on this wildly popular language in a hurry. This book makes it easy! From how to install and run Java to understanding classes and objects and juggling values with arrays and collections, you will get up to speed on the new features of Java 6 in no time. Discover how to Use object-oriented programming Work with the changes in Java 6 and JDK 6 Save time by reusing code Mix Java and Javascript with the new scripting tools Troubleshoot code problems and fix bugs All on the bonus CD-ROM Custom build of JCreator and all the code files used in the book Bonus chapters not included in the book Trial version of Jindent, WinOne, and NetCaptor freeware System Requirements: For details and complete system requirements, see the CD-ROM appendix. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

while (dead_horse) beat (): If you're like most people, the above seems like nonsense. Actually, it's computer sense—C programming. After digesting C For Dummies, 2nd Edition, you'll understand it. C programs are fast, concise and versatile. They let you boss your computer around for a change. So turn on your computer, get a free compiler and editor (the book tells you where), pull up a chair, and get going. You won't have to go far (page 13) to find your first program example. You'll do short, totally manageable, hands-on exercises to help you make sense of: All 32 keywords in the C language (that's right—just 32 words) The functions—several dozen of them Terms like printf(), scanf(), gets (), and puts () String variables, numeric variables, and constants Looping and implementation Floating-point values In case those terms are almost as intimidating as the idea of programming, be reassured that C For Dummies was written by Dan Gookin, bestselling author of DOS For Dummies, the book that started the whole library. So instead of using expletives and getting headaches, you'll be using newly acquired skills and getting occasional chuckles as you discover how to: Design and develop programs Add comments (like post-it-notes to yourself) as you go Link code to create executable programs Debug and deploy your programs Use lint, a common tool to examine and

optimize your code A helpful, tear-out cheat sheet is a quick reference for comparison symbols, conversion characters, mathematical doodads, C numeric data types, and more. C For Dummies takes the mystery out of programming and gets you into it quickly and painlessly.

Summary Kotlin in Action guides experienced Java developers from the language basics of Kotlin all the way through building applications to run on the JVM and Android devices. Foreword by Andrey Breslav, Lead Designer of Kotlin. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Developers want to get work done - and the less hassle, the better. Coding with Kotlin means less hassle. The Kotlin programming language offers an expressive syntax, a strong intuitive type system, and great tooling support along with seamless interoperability with existing Java code, libraries, and frameworks. Kotlin can be compiled to Java bytecode, so you can use it everywhere Java is used, including Android. And with an efficient compiler and a small standard library, Kotlin imposes virtually no runtime overhead. About the Book Kotlin in Action teaches you to use the Kotlin language for production-quality applications. Written for experienced Java developers, this example-rich book goes further than most language books, covering interesting topics like building DSLs with natural language syntax. The authors are core Kotlin developers, so you can trust that even the gnarly details are dead accurate. What's Inside Functional programming on the JVM Writing clean and idiomatic code Combining Kotlin and Java Domain-specific languages About the Reader This book is for experienced Java developers. About the Author Dmitry Jemerov and Svetlana Isakova are core Kotlin developers at JetBrains. Table of Contents PART 1 - INTRODUCING KOTLIN Kotlin: what and why Kotlin basics Defining and calling functions Classes, objects, and interfaces Programming with lambdas The Kotlin type system PART 2 - EMBRACING KOTLIN Operator overloading and other conventions Higher-order functions: lambdas as parameters and return values Generics Annotations and reflection DSL construction

PHP and MySQL Web Development, Fourth Edition The definitive guide to building database-drive Web applications with PHP and MySQL and MySQL are popular open-source technologies that are ideal for quickly developing database-driven Web applications. PHP is a powerful scripting language designed to enable developers to create highly featured Web applications quickly, and MySQL is a fast, reliable database that integrates well with PHP and is suited for dynamic Internet-based applications. PHP and MySQL Web Development shows how to use these tools together to produce effective, interactive Web applications. It clearly describes the basics of the PHP language, explains how to set up and work with a MySQL database, and then shows how to use PHP to interact with the database and the server. The fourth edition of PHP and MySQL Web Development has been thoroughly updated, revised, and expanded to cover developments in PHP 5 through version 5.3, such as namespaces and closures, as well as features introduced in MySQL 5.1. This is the eBook version of the title. To gain access to the contents on the CD bundled with the printed book, please register your product at informit.com/register

Acquérir une parfaite maîtrise du C++ et de la programmation objet Les versions C++11, C++14 et C++17 ont apporté au langage C++ plus que de nouvelles fonctionnalités : une nouvelle façon de programmer. Dès lors, une refonte complète du classique Programmer en langage C++ de Claude Delannoy s'imposait. C'est à cette tâche que s'est attelé l'auteur à l'occasion de cette 10e édition de l'ouvrage, en réécrivant les exemples de code et en préconisant de bonnes pratiques de programmation dans l'esprit de ce C++ moderne. L'ouvrage ainsi remanié commence par une présentation détaillée de la syntaxe de base du langage, s'appuyant dès que possible sur les structures de données de la bibliothèque standard (types string et vector) et sur la déclaration automatique (C++11). Puis il expose les techniques de gestion dynamique basées sur les "pointeurs intelligents" introduits par C++11 et C++14. L'auteur insiste ensuite sur la bonne compréhension des concepts objet et de la programmation générique à l'aide des "patrons". Un chapitre est consacré à la "sémantique de déplacement" introduite par C++11. Plusieurs chapitres sont dédiés aux conteneurs et aux algorithmes de la STL (Standard Template Library). Les nouveautés de C++20 (concepts et contraintes, modules, coroutines...) sont présentées en annexe. Chaque notion nouvelle et chaque fonction du langage est illustrée de programmes complets écrits en C++ moderne, dont le code source est fourni sur le site www.editions-eyrolles.com. Un équivalent en C++03 est proposé quand nécessaire pour les lecteurs amenés à exploiter d'anciens programmes. À qui s'adresse ce livre ? Aux étudiants de cursus universitaires (DUT, licence, master), ainsi qu'aux élèves des écoles d'ingénieurs. À tout programmeur ayant déjà une expérience de la programmation (C, C#, Java, Python, PHP...) et souhaitant s'initier au langage C++.

175 exercices corrigés pour maîtriser Java Conçu pour les étudiants en informatique, ce recueil d'exercices corrigés est le complément idéal de Programmer en Java du même auteur ou de tout autre ouvrage d'initiation au langage Java. Cette quatrième édition prend en compte les nouveautés de Java 8 avec, en particulier, un chapitre dédié aux expressions lambda et aux streams. Les 175 exercices sont classés par thème en 18 chapitres. Chaque chapitre débute par la liste des notions nécessaires à la résolution des exercices (section Prérequis). Certains exercices portent sur une notion précise indiquée dans l'énoncé. D'autres, appelés exercices de synthèse, font appel à la mise en oeuvre de plusieurs notions étudiées dans les exercices ou chapitres précédents, et nécessitent donc un effort de réflexion plus fourni. Chaque énoncé d'exercice est suivi d'une ou plusieurs solutions détaillées. Leur code source est fourni sur le site www.editions-eyrolles.com. A qui s'adresse ce livre ? Aux étudiants en cursus universitaire (DUT, licence, master, MIAE), ainsi qu'aux élèves des écoles d'ingénieurs. À tout programmeur ayant déjà une expérience de la programmation (Python, PHP, C/C++...) et souhaitant s'initier au langage Java.

Programmer en Java Couvre Java 10 à Java 14 - 11e édition Editions Eyrolles

De la programmation objet en Java au développement d'applications Web Dans cet ouvrage, Claude Delannoy applique au langage Java la démarche pédagogique qui a fait le succès de ses livres sur le C et le C++. Il insiste tout particulièrement sur la bonne compréhension des concepts objet et sur l'acquisition de méthodes de programmation rigoureuses. L'apprentissage du langage se fait en quatre étapes : apprentissage de la syntaxe de base, maîtrise de la programmation objet en Java, initiation à la programmation graphique et événementielle avec la bibliothèque Swing, introduction au développement Web avec les servlets Java et les JSP L'ouvrage met l'accent sur les apports des versions 5 à 8 de Java Standard Edition : programmation générique, types énumérés, annotations, streams et expressions lambda... Un chapitre est dédié aux design patterns en Java et cette 10e édition comporte deux chapitres supplémentaires sur des nouveautés majeures de Java 9 : L'outil JShell, très utile dans le cadre de l'apprentissage du

langage puisqu'il permet de tester rapidement des blocs de code sans créer une application complète. Le Java Platform Module System (ex-projet Jigsaw), qui révolutionne la manière de structurer ses applications Java. Chaque notion nouvelle et chaque fonction du langage sont illustrées de programmes complets dont le code source est disponible en téléchargement sur le site www.editions-eyrolles.com. A qui s'adresse ce livre ? Aux étudiants de licence et de master, ainsi qu'aux élèves d'écoles d'ingénieurs. A tout programmeur ayant déjà une expérience de la programmation (Python, PHP, C/C++, C#...) et souhaitant s'initier au langage Java.

Data is bigger, arrives faster, and comes in a variety of formats—and it all needs to be processed at scale for analytics or machine learning. But how can you process such varied workloads efficiently? Enter Apache Spark. Updated to include Spark 3.0, this second edition shows data engineers and data scientists why structure and unification in Spark matters. Specifically, this book explains how to perform simple and complex data analytics and employ machine learning algorithms. Through step-by-step walk-throughs, code snippets, and notebooks, you'll be able to: Learn Python, SQL, Scala, or Java high-level Structured APIs Understand Spark operations and SQL Engine Inspect, tune, and debug Spark operations with Spark configurations and Spark UI Connect to data sources: JSON, Parquet, CSV, Avro, ORC, Hive, S3, or Kafka Perform analytics on batch and streaming data using Structured Streaming Build reliable data pipelines with open source Delta Lake and Spark Develop machine learning pipelines with MLlib and productionize models using MLflow

A practical and easy-to-follow, yet comprehensive, guide to learning advanced JUnit testing. Each topic is explained and placed in context, and for the more inquisitive, there are more details of the concepts used. This book is for you if you are a developer with some experience in Java application development as well as a basic knowledge of JUnit testing. But for those whose skill set is void of any prior experience with JUnit testing, the book also covers basic fundamentals to get you acquainted with the concepts before putting them into practise.

Filthy Rich Clients refers to ultra-graphically rich applications that ooze cool. They suck the user in from the outset and hang on to them with a death grip of excitement. *Filthy Rich Clients: Developing Animated and Graphical Effects for Desktop Java™ Applications* shows you how to build better, more effective, cooler desktop applications that intensify the user experience. The keys to Filthy Rich Clients are graphical and animated effects. These kinds of effects provide ways of enhancing the user experience of the application through more attractive GUIs, dynamic effects that give your application a pulse, and animated transitions that keep your user connected to the logical flow of the application. The book also discusses how to do so effectively, making sure to enrich applications in sensible ways. In-depth coverage includes Graphics and GUI fundamentals: Dig deep into the internals of how Swing and Java 2D work together to display GUI applications onscreen. Learn how to maximize the flexibility of these libraries and use them most effectively.

Performance: Follow in-depth discussions and tips throughout the book that will help you write high-performing GUI applications. Images: Understand how images are created and used to make better Java applications. Advanced graphics: Learn more about elements of Swing and Java 2D that are of particular benefit to Filthy Rich Clients.

Animation: Discover general concepts of animation, as well as how to use the facilities provided in the Java platform. Learn new utility libraries that vastly simplify animations in Java. Effects: Learn how to create, customize, and use static and animated effects—the mainstays of Filthy Rich Clients. Code examples illustrate key concepts, and the book's companion Web site, <http://filthyrichclients.org>, includes extensive demos, utility libraries, additional information on related technologies, and more. Informal, fun, and, most of all, useful, this book is great for any developer working with Java to build desktop applications.

Many Unix, Linux, and Mac OS X geeks enjoy using the powerful, platform-agnostic text editors vi and Vim, but there are far too many commands for anyone to remember. Author Arnold Robbins has chosen the most valuable commands for vi, Vim, and vi's main clones—vile, elvis, and nvi—and packed them into this easy-to-browse pocket reference. You'll find commands for all kinds of editing tasks, such as programming, modifying system files, and writing and marking up articles. This second edition includes: Command-line options vi commands and set options Input mode shortcuts Substitution and regular expressions ex commands and options Initialization and recovery Enhanced tags and tag stacks A greatly expanded section on Vim commands and options Additional features in vile, elvis, and nvi Internet resources for vi A full index

Neural networks represent a powerful data processing technique that has reached maturity and broad application. When clearly understood and appropriately used, they are a mandatory component in the toolbox of any engineer who wants make the best use of the available data, in order to build models, make predictions, mine data, recognize shapes or signals, etc. Ranging from theoretical foundations to real-life applications, this book is intended to provide engineers and researchers with clear methodologies for taking advantage of neural networks in industrial, financial or banking applications, many instances of which are presented in the book. For the benefit of readers wishing to gain deeper knowledge of the topics, the book features appendices that provide theoretical details for greater insight, and algorithmic details for efficient programming and implementation. The chapters have been written by experts and edited to present a coherent and comprehensive, yet not redundant, practically oriented introduction.

LLINQ, Language INtegrated Query, is a new extension to the Visual Basic and C# programming languages designed to simplify data queries and database interaction. It addresses O/R mapping issues by making query operations like SQL statements part of the programming language. It also offers built-in support for querying in-memory collections like arrays or lists, XML, DataSets, and relational databases. *LINQ in Action* is a fast-paced, comprehensive tutorial for professional developers. This book explores what can be done with LINQ, shows how it works in an application, and addresses the emerging best practices. It presents the general purpose query facilities offered by LINQ in the upcoming C# 3.0 and VB.NET 9.0 languages. A running example introduces basic LINQ concepts. You'll then learn to query unstructured data using LINQ to XML and relational data with LINQ to

SQL. Finally, you'll see how to extend LINQ for custom applications. LINQ in Action will guide you along as you explore this new world of lambda expressions, query operators, and expression trees. As well, you'll explore the new features of C# 3.0, VB.NET 9.0. The book is very practical, anchoring each new idea with running code. Whether you want to use LINQ to query objects, XML documents, or relational databases, you will find all the information you need to get started. But LINQ in Action does not stop at the basic code. This book also shows you how LINQ can be used for advanced processing of data, including coverage of LINQ's extensibility, which allows querying more data sources than those supported by default. All code samples are built on a concrete business case. The running example, LinqBooks, is a personal book cataloging system that shows you how to create LINQ applications with Visual Studio 2008. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Dans cet ouvrage, Claude Delannoy applique au langage Java la démarche pédagogique qui a fait le succès de ses livres sur le C et le C++. Il insiste tout particulièrement sur la bonne compréhension des concepts objet et sur l'acquisition de méthodes de programmation rigoureuses. L'apprentissage du langage se fait en quatre étapes : apprentissage de la syntaxe de base, maîtrise de la programmation objet en Java, initiation à la programmation graphique et événementielle avec la bibliothèque Swing, introduction au développement Web avec les servlets Java, les JSP et JDBC. L'ouvrage met l'accent sur les apports des versions 5 à 8 de Java Standard Edition : programmation générique, types énumérés, annotations... Un chapitre est dédié aux design patterns en Java et cette 9e édition comporte deux chapitres supplémentaires sur des nouveautés majeures de Java 8 : les streams et les expressions lambda ; la gestion du temps, des dates et des heures. Chaque notion nouvelle et chaque fonction du langage sont illustrées de programmes complets dont le code source est en libre téléchargement sur le site www.editions-eyrolles.com. À qui s'adresse ce livre ? Aux étudiants de licence et de master, ainsi qu'aux élèves d'écoles d'ingénieurs. À tout programmeur ayant déjà une expérience de la programmation (Python, PHP, C/C++, C#...) et souhaitant s'initier au langage Java. À travers la réalisation d'un forum de discussion et plus de 50 études de cas, cet ouvrage montre à tous les programmeurs comment exploiter la richesse de Java en mettant l'accent sur la fiabilité et l'évolutivité. L'excellence didactique d'Emmanuel Puybaret (eteks.com) pour apprendre la programmation Java ! Cet ouvrage met à la portée de tous les développeurs les meilleures pratiques Java, depuis l'installation des outils de développement et la création d'un premier objet jusqu'à la programmation multitâche, en passant par l'accès aux bases de données, la conception d'interfaces utilisateur, la gestion de formulaires, de fichiers, la maîtrise des subtilités objet... L'intégralité des études de cas a été testée sous Linux, Windows et Mac OS X ! Téléchargez l'ensemble du code source à l'adresse www.editions-eyrolles.com À qui s'adresse cet ouvrage À tout développeur venant d'autres langages (C, C++, C#, PHP, Python...) qui souhaite rapidement apprendre à programmer en Java ; Aux développeurs souhaitant des rappels en programmation objet par la pratique de Java ; Aux étudiants et leurs enseignants ayant besoin d'un support de cours dynamique et appliqué pour l'apprentissage du langage Java.

Introduces the programming language to beginners and provides a Perl language reference for experienced users, covering operators, statements, formats, modules, objects, threads, tied variables, debugging, and security.

The high-level language of R is recognized as one of the most powerful and flexible statistical software environments, and is rapidly becoming the standard setting for quantitative analysis, statistics and graphics. R provides free access to unrivalled coverage and cutting-edge applications, enabling the user to apply numerous statistical methods ranging from simple regression to time series or multivariate analysis. Building on the success of the author's bestselling *Statistics: An Introduction using R*, *The R Book* is packed with worked examples, providing an all inclusive guide to R, ideal for novice and more accomplished users alike. The book assumes no background in statistics or computing and introduces the advantages of the R environment, detailing its applications in a wide range of disciplines. Provides the first comprehensive reference manual for the R language, including practical guidance and full coverage of the graphics facilities. Introduces all the statistical models covered by R, beginning with simple classical tests such as chi-square and t-test. Proceeds to examine more advanced methods, from regression and analysis of variance, through to generalized linear models, generalized mixed models, time series, spatial statistics, multivariate statistics and much more. *The R Book* is aimed at undergraduates, postgraduates and professionals in science, engineering and medicine. It is also ideal for students and professionals in statistics, economics, geography and the social sciences.

Update your Java knowledge with the latest features of Java 11, such as the low-Overhead Garbage Collector, Local-Variable Syntax for Lambda Parameters, and Dynamic Class-File Constants Key Features Explore the latest features in Java 9, Java 10, and Java 11 Enhance your Java application development and migration approaches Full coverage of modular Java applications, G1 Garbage Collector, JMH Book Description Java 11 is a long-term release and its new features add to the richness of the language. It emphasizes variable-type inference, performance improvements, along with simplified multithreading. The Java platform has a special emphasis on modularity, making this the programming platform of choice for millions of developers. The modern Java platform can be used to build robust software applications, including enterprise-level and mobile applications. Fully updated for Java 11, this book stands to help any Java developer enjoy the richness of the Java programming language.

Mastering Java 11 is your one-stop guide to fully understanding recent Java platform updates. It contains detailed explanations of the recent features introduced in Java 9, Java 10, and Java 11 along with obtaining practical guidance on how to apply the new features. As you make your way through the chapters, you'll discover further information on the developments of the Java platform and learn about the changes introduced by the variable handles and Project Coin, along with several enhancements in relation to import statements processing. In the concluding chapters, you'll learn to improve your development productivity, making your applications more efficient. You'll also be able to get to grips with the command-line flags with respect to various utilities and the command-line utility changes featured in the current Java platform. By the end of the book, you'll have obtained an advanced level understanding of the Java platform and its recent changes. What you will learn Write modular Java applications Migrate existing Java applications to modular ones Understand how the default G1 garbage collector works Leverage the possibilities provided by the newly introduced Java Shell Performance test your application effectively with the JVM harness Learn how Java supports the HTTP 2.0 standard Find out how to use the new Process API Explore the additional enhancements and features of Java 9, 10, and 11 Who this book is for Mastering Java 11 is for experienced Java developers with a solid understanding of the Java language and want to progress to an advanced level.

Earthen architecture constitutes one of the most diverse forms of cultural heritage and one of the most challenging to preserve. It dates from all periods and is found on all continents but is particularly prevalent in Africa, where it has been a building tradition for centuries. Sites range from ancestral cities in Mali to the palaces of Abomey in Benin, from monuments and mosques in Iran and

Buddhist temples on the Silk Road to Spanish missions in California. This volume's sixty-four papers address such themes as earthen architecture in Mali, the conservation of living sites, local knowledge systems and intangible aspects, seismic and other natural forces, the conservation and management of archaeological sites, research advances, and training.

Explores how to use jQuery to enrich websites; improve HTML pages and interface design; and create interactive elements, widgets, and animation.

No, you are not paranoid. They are out to read your email. In this engaging and oddly reassuring text, practitioner Lucas describes Pretty Good Privacy (PGP) and Open Source GPG for moderately skilled computer geeks who are unfamiliar with public-key cryptography but want a cheap solution to security woes. He covers cryptography, installing OPENPGP La référence des étudiants et des développeurs professionnels Cet ouvrage de référence a été conçu pour les étudiants de niveau avancé en programmation et pour les développeurs souhaitant approfondir leur connaissance du C ou trouver une réponse précise aux problèmes techniques rencontrés lors du développement d'applications professionnelles.

Exhaustif et précis, l'ouvrage explore le langage C dans ses moindres recoins. Il clarifie les points délicats et les ambiguïtés du langage, analyse le comportement qu'on peut attendre d'un code ne respectant pas la norme ou confronté à une situation d'exception. Tout au long de l'ouvrage, des notes soulignent les principales différences syntaxiques entre le C et le C++ , de manière à établir des passerelles entre les deux langages. Une annexe présente les spécificités des deux dernières moutures de la norme ISO du langage, connues sous les noms C99 et C11.

The upcoming Java 9 module system will affect existing applications and offer new ways of creating modular and maintainable applications. With this hands-on book, Java developers will learn not only about the joys of modularity, but also about the patterns needed to create truly modular and reliable applications. Authors Sander Mak and Paul Bakker teach you the concepts behind the Java 9 module system, along with the new tools it offers. You'll also gain learn how to modularize existing code and how to build new Java applications in a modular way. Understand Java 9 module system concepts Master the patterns and practices for building truly modular applications Migrate existing applications and libraries to Java 9 modules Use JDK 9 tools for modular development and migration

Apprendre Java en douceur Vous avez décidé de vous initier à la programmation et souhaitez opter pour un langage largement utilisé dans le monde professionnel ? Java se révèle un choix idéal comme vous le constaterez dans ce livre conçu pour les vrais débutants en programmation. Vous apprendrez d'abord, à travers des exemples simples en Java, à maîtriser les notions communes à tous les langages : variables, types de données, boucles et instructions conditionnelles, etc. Vous franchirez un nouveau pas en découvrant par la pratique les concepts de la programmation orientée objet (classes, objets, héritage), puis le fonctionnement des bibliothèques graphiques AWT et Swing (fenêtres, gestion de la souris, tracé de graphiques). Cet ouvrage vous expliquera aussi comment réaliser des applications Java dotées d'interfaces graphiques conviviales grâce au logiciel libre NetBeans (version 11). Enfin, vous vous initierez au développement d'applications avec l'interface Android Studio. Chaque chapitre est accompagné de deux types de travaux pratiques : des exercices, dont le corrigé est fourni sur l'extension web du livre, et un projet développé au fil de l'ouvrage, qui vous montrera comment combiner toutes les techniques de programmation étudiées pour construire une véritable application Java. À qui s'adresse ce livre ? Aux étudiants de 1er cycle universitaire (IUT, Deug...) ou d'écoles d'ingénieurs Aux vrais débutants en programmation : passionnés d'informatique et programmeurs autodidactes, concepteurs de sites Web souhaitant aller au-delà de HTML et JavaScript, etc. Aux enseignants et formateurs recherchant une méthode pédagogique et un support de cours pour enseigner Java à des débutants Sur le site www.annetasso.fr/java Consultez les corrigés du projet et des exercices Téléchargez le code source de tous les exemples du livre Dialoguez avec l'auteur

Acquérir rapidement une solide maîtrise du langage Java. Conçu sous forme d'un cours très pratique avec exercices corrigés, ce guide d'autoformation est destiné à tout programmeur débutant en Java et souhaitant acquérir rapidement une solide maîtrise de ce langage de programmation. Il couvre la version 1.4 du langage dans sa version standard (J2SE : Java 2 Standard Edition), qui comprend toutes les bibliothèques de base de Java, y compris JDBC (accès aux bases de données), AWT et Swing (interfaces graphiques) et Java.net (applications réseau, applets...). Une annexe décrit comment installer et configurer l'environnement de développement Open Source Eclipse. Le code source des exemples du livre est disponible en téléchargement sur le site www.editions-eyrolles.com. A qui s'adresse l'ouvrage ? Aux programmeurs ayant déjà des notions de programmation dans d'autres langages (C, C++, Visual Basic, PHP...) et souhaitant s'initier à Java. Aux étudiants suivant un cursus d'informatique (IUT, 1er et 2e cycles universitaires, écoles d'ingénieur). Aux enseignants et formateurs cherchant un support de cours pour préparer et animer un cursus d'initiation à Java.

Ce livre a été rédigé pour permettre à n'importe qui d'apprendre le langage de programmation Swift, conçu pour développer des applications iPhone, iPad, iPod Touch ou encore Mac OS X. De ce fait, aucune connaissance préalable n'est nécessaire. Un parfait débutant saura très bien à la fin de ce livre programmer dans ce langage. Deux TP sont également proposés pour mettre en pratique vos nouvelles connaissances.

The Best Fully Integrated Study System Available--Written by the Lead Developers of Exam 310-065 With hundreds of practice questions and hands-on exercises, SCJP Sun Certified Programmer for Java 6 Study Guide covers what you need to know--and shows you how to prepare--for this challenging exam. 100% complete coverage of all official objectives for exam 310-065 Exam Objective Highlights in every chapter point out certification objectives to ensure you're focused on passing the exam Exam Watch sections in every chapter highlight key exam topics covered Simulated exam questions match the format, tone, topics, and difficulty of the real exam Covers all SCJP exam topics, including: Declarations and Access Control · Object Orientation · Assignments · Operators · Flow Control, Exceptions, and Assertions · Strings, I/O, Formatting, and Parsing · Generics and Collections · Inner Classes · Threads · Development CD-

ROM includes: Complete MasterExam practice testing engine, featuring: Two full practice exams; Detailed answers with explanations; Score Report performance assessment tool Electronic book for studying on the go Bonus coverage of the SCJD exam included! Bonus downloadable MasterExam practice test with free online registration.

This revised and expanded new edition of an internationally successful classic presents an accessible introduction to the key methods in digital image processing for both practitioners and teachers. Emphasis is placed on practical application, presenting precise algorithmic descriptions in an unusually high level of detail, while highlighting direct connections between the mathematical foundations and concrete implementation. The text is supported by practical examples and carefully constructed chapter-ending exercises drawn from the authors' years of teaching experience, including easily adaptable Java code and completely worked out examples. Source code, test images and additional instructor materials are also provided at an associated website. Digital Image Processing is the definitive textbook for students, researchers, and professionals in search of critical analysis and modern implementations of the most important algorithms in the field, and is also eminently suitable for self-study.

Use an Approach Inspired by Domain-Driven Design to Build Documentation That Evolves to Maximize Value Throughout Your Development Lifecycle Software documentation can come to life, stay dynamic, and actually help you build better software. Writing for developers, coding architects, and other software professionals, Living Documentation shows how to create documentation that evolves throughout your entire design and development lifecycle. Through patterns, clarifying illustrations, and concrete examples, Cyrille Martraire demonstrates how to use well-crafted artifacts and automation to dramatically improve the value of documentation at minimal extra cost. Whatever your domain, language, or technologies, you don't have to choose between working software and comprehensive, high-quality documentation: you can have both.

- Extract and augment available knowledge, and make it useful through living curation
- Automate the creation of documentation and diagrams that evolve as knowledge changes
- Use development tools to refactor documentation
- Leverage documentation to improve software designs
- Introduce living documentation to new and legacy environments

Conçu sous forme de modules très pratiques accompagnés d'exercices et de FAQ, ce guide d'autoformation est destiné à tout programmeur débutant en Java et souhaitant acquérir rapidement une solide maîtrise de ce langage de programmation. Cette seconde édition porte sur les versions 5 et 6 du langage dans sa version standard (Java Standard Edition). Il couvre la syntaxe de base du langage, les techniques de programmation objet, ainsi que les principales bibliothèques de Java SE : JDBC, AWT et Swing, Java.net, etc. Cet ouvrage peut également être utilisé comme support pour la préparation aux certifications Sun Certified Java Associate (SCJA), Sun Certified Java Programmer (SCJP) et Sun Certified Java Developer (SCJD).

Provides instructions and programming code to build robots using LEGO Mindstorms NXT and the Java programming language.

De la programmation objet en Java au développement d'applications web Dans cet ouvrage, Claude Delannoy applique au langage Java la démarche pédagogique qui a fait le succès de ses livres sur le C et le C++. Il insiste tout particulièrement sur la bonne compréhension des concepts objet et sur l'acquisition de méthodes de programmation rigoureuses. L'apprentissage du langage se fait en quatre étapes : apprentissage de la syntaxe de base, maîtrise de la programmation objet en Java, initiation à la programmation graphique et événementielle avec la bibliothèque Swing, introduction au développement web avec les servlets Java et les JSR L'ouvrage met l'accent sur les apports des versions 5 à 9 de Java Standard Edition, qui ont fait évoluer la manière de programmer en Java : programmation générique, types énumérés, annotations, streams et expressions lambda, outil JShell, Java Platform Module System (ex-projet Jigsaw), etc. Un chapitre est dédié aux Design Patterns en Java et cette 11e édition présente les nouveautés des versions 10 à 14 de Java SE : déclaration var, variante de l'instruction switch et expression switch, écriture simplifiée des blocs de texte (Text Blocks), etc. Chaque notion nouvelle et chaque fonction du langage sont illustrées de programmes complets dont le code source est disponible en téléchargement sur le site www.editions-eyrolles.com. À qui s'adresse ce livre ? Aux étudiants de licence et de master, ainsi qu'aux élèves d'écoles d'ingénieurs. À tout programmeur ayant déjà une expérience de la programmation (Python, PHP C/C++, C#...) et souhaitant s'initier au langage Java.

Summary Deep learning has transformed the fields of computer vision, image processing, and natural language applications. Thanks to TensorFlow.js, now JavaScript developers can build deep learning apps without relying on Python or R. Deep Learning with JavaScript shows developers how they can bring DL technology to the web. Written by the main authors of the TensorFlow library, this new book provides fascinating use cases and in-depth instruction for deep learning apps in JavaScript in your browser or on Node. Foreword by Nikhil Thorat and Daniel Smilkov. About the technology Running deep learning applications in the browser or on Node-based backends opens up exciting possibilities for smart web applications. With the TensorFlow.js library, you build and train deep learning models with JavaScript. Offering uncompromising production-quality scalability, modularity, and responsiveness, TensorFlow.js really shines for its portability. Its models run anywhere JavaScript runs, pushing ML farther up the application stack. About the book In Deep Learning with JavaScript, you'll learn to use TensorFlow.js to build deep learning models that run directly in the browser. This fast-paced book, written by Google engineers, is practical, engaging, and easy to follow. Through diverse examples featuring text analysis, speech processing, image recognition, and self-learning game AI, you'll master all the basics of deep learning and explore advanced concepts, like retraining existing models for transfer learning and image generation. What's inside

- Image and language processing in the browser
- Tuning ML models with client-side data
- Text and image creation with generative deep learning
- Source code samples to test and modify

About the reader For JavaScript programmers interested in deep learning. About the author Shangqing Cai, Stanley Bileschi and Eric D. Nielsen are software engineers with experience on the Google Brain team, and were crucial to the development of the high-level

API of TensorFlow.js. This book is based in part on the classic, Deep Learning with Python by François Chollet. TOC:
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