

Building Le Applications With Java Using The Google Web Toolkit And Phonegap

the Unité in Marseille (1945-1952) was a pioneering achievement at a time when social housing in the post WWII years posed an immense problem. Freed from restrictive regulations for the first time Le Corbusier was able to put into practice his concept of modern social housing. A milestone of modern architecture and subject of controversial debate, the Unité in Marseille continues to attract numerous visitors and students of architecture. This volume is the latest addition to Birkhäuser's series of guides to Le Corbusier's most acclaimed buildings, and includes an additional chapter on his Unités in Rezé-les-Nantes, Briey en Forêt, Firminy and Berlin. The author, a practising architect and well known Le Corbusier specialist, lives in Marseille and teaches at the Ecole d'architecture de Marseille-Luminy.

The present book contains contributions presented at the Fourth Symposium on Hybrid RANS-LES Methods, held in Beijing, China, 28-30 September 2011, being a continuation of symposia taking place in Stockholm (Sweden, 2005), in Corfu (Greece, 2007), and Gdansk (Poland, 2009). The contributions to the last two symposia were published as NNFM, Vol. 97 and Vol. 111. At the Beijing symposium, along with seven invited keynotes, another 46 papers (plus 5 posters) were presented addressing topics on Novel turbulence-resolving simulation and modelling, Improved hybrid RANS-LES methods, Comparative studies of difference modelling methods, Modelling-related numerical issues and Industrial applications.. The present book reflects recent activities and new progress made in the development and applications of hybrid RANS-LES methods in general.

Despite calls for electronic, virtual, digital libraries without walls, the walled variety are still being built, some of them massive. This book explores the reasons for this contradiction by examining several notable new library facilities around the world to see how modern expectations for libraries are being translated into concrete and steel. More and more libraries are looking at change not as a dreaded hazard but as an opportunity that can itself be seized to strengthen the library in the areas of mission, technologies, facilities, funding, and organizational structure. Thirteen libraries are discussed—by a librarian or administrator who worked on the project. Each author writes about the design and building concerns that were particularly relevant to that library: philosophy, political issues, or any other concerns that affected planning, building, and services in the new facility. Introductory and concluding chapters identify underlying values and themes, tying everything together. The unique combinations of issues, constraints, and opportunities show how libraries are planning to fit into the approaching era of virtual information delivery.

There is considerable academic and practical interest in stone and stone buildings, as exemplified by the wide range of high-quality and innovative work being conducted in the pursuit of the effective preservation and restoration of historic buildings. This is reflected in the numerous publications on stone and stone buildings that regularly find their way into the public domain. Not least amongst these are a number of Geological Society Special Publications, which have appeared in recent years. This current volume seeks to bring to the attention of the various professionals in the field (geologists, architects, engineers, conservators and conservation scientists) recent work centred on the characterization and performance of this important resource and its use in historic buildings. The volume has wider relevance, including to those interested in the heritage of stone.

Why simply play music or go online when you can use your iPhone or iPad for some really fun projects, such as building a metal detector, hacking a radio control truck, or tracking a model rocket in flight? Learn how to build these and other cool things by using iOS device sensors and inexpensive hardware such as Arduino and a Bluetooth Low Energy (LE) Shield. This hands-on book shows you how to write simple applications with techBASIC, an Apple-approved development environment that runs on iOS devices. By using code and example programs built into techBASIC, you'll learn how to write apps directly on your Apple device and have it interact with other hardware. Build a metal detector with the iOS magnetometer Use the HiJack hardware platform to create a plant moisture sensor Put your iPhone on a small rocket to collect acceleration and rotation data Hack a radio control truck with Arduino and Bluetooth LE Create an arcade game with an iPad controller and two iPhone paddles Control a candy machine with an iOS device, a micro servo, and a WiFi connection

NeoPopRealism Journal and Wonderpedia founded by Nadia Russ in 2007 (N.J.) and 2008 (W.). Wonderpedia is dedicated to books published all over the globe after year 2000, offering the books' reviews.

Le Corbusier & Pierre Jeanneret - Restoration of the Clarté Building, Geneva Birkhäuser

This book presents advanced methods to analyse and clean pollutants, such as nanotechnology to treat water, techniques to remediate building materials, and bioindicators. It is very important that the understanding of these methods are brought to the attention of scientists, as cities and ecosystems are still polluted by toxic compounds despite efforts to clean the planet.

The book describes the story of Clarté, Le Corbusier's first apartment building, continuing the narrative into the 21st century. The steel skeleton building completed in Geneva in 1930/1932 is a prototype of the Moderne style and a precursor of the Unité d'Habitation. The building was neglected for many decades and not listed as a historic building until the 1990s. In 2007 the external envelope was repaired as the first step, followed by refurbishment of the interior, in which building preservation requirements were taken into account in an exemplary manner. The building log book by the architects and structural engineers is illustrated with numerous new and historic drawings and photographs, and has been supplemented with an account of the building's history. The renovated building is presented in large photographs.

In 1952 Le Corbusier was commissioned "to dwell in the silence of men of prayer and study and to construct a church for them". The result was his impressive Convent of La Tourette, marking a significant step in modern religious architecture. Beginning with the rectangular form common to the Cistercian monastic tradition, he created a building whose stark form contrasts beautifully with the organic elements of the interior court and the grasslands surrounding it. The church itself is a model of simplicity, the cement has been left rough and the well located sources of light evoke a feeling of silence and reflection. The order's precept of prayer, study and reflection is aptly mirrored in the architecture. Like the other Le Corbusier Guides published by Birkhäuser, this volume provides a wealth of plans, details, photographs and information on this building which today is also a conference centre. Buildings influence people. They account for one third of energy consumption across the globe and represent an annual capital expenditure of 7%-10% of GNP in industrialized countries. Their lifetime operation costs can exceed capital investment. Building Engineering aims to make buildings more efficient, safe and economical. One branch of this discipline, Building Physics/Science, has gained prominence, with a heightened awareness of such phenomena as sick buildings, the energy crisis and sustainability, and considering the performance of buildings in terms of climatic loads and indoor conditions. The book reflects the advanced level and high quality of research which Building Engineering, and Building Physics/Science in particular, have reached at the beginning of the twenty-first century. It will be a valuable resource to: engineers, architects, building scientists, consultants on the building envelope, researchers and graduate students.

Includes the decisions of the Supreme Courts of Missouri, Arkansas, Tennessee, and Texas, and Court of Appeals of Kentucky; Aug./Dec. 1886-May/Aug. 1892, Court of Appeals of Texas; Aug. 1892/Jan./Feb. 1893, Courts of Civil and Criminal Appeals of Texas; Apr./June 1896-Aug./Nov. 1907, Court of Appeals of Indian Territory; May/June 1927-Jan./Feb. 1928, Courts of

Appeals of Missouri and Commission of Appeals of Texas.

'Several high quality scientific journals are published in the area of building energy and indoor/outdoor environment; however, one has been missing. Advances in Building Energy Research fills the gap. I recommend ABER to all technical libraries, research institutes and universities. It should also be used by construction companies and those manufacturing building materials and building products.' Professor Olli Seppänen, President of REHVA (Federation of Heating and Air-conditioning Associations)

'Advances in Building Energy Research is a unique index. It will be an inexhaustible resource for energy related sciences and a continuous inspiration for architects around the world.' N. Fintikakis, Architect and Director of UIA-ARES WP (Architecture and Renewable Energy Sources) 'The collection of articles provides an encyclopaedic overview of the state of the art of the subject; and they are written clearly and concisely. This volume is a must for researchers and advanced students.' Professor Edward Ng, Department of Architecture, The Chinese University of Hong Kong 'This is a very valuable first volume of a new series with each section written by leaders in their respective fields. Contributions cover a range of related topics and present evaluations of contemporary issues in building energy research that give the reader an immediate and clear insight.' Dr Adrian Pitts, Senior Lecturer in Energy, Environment and Sustainability, University of Sheffield Advances in Building Energy Research (ABER) offers state-of-the-art information on the environmental science and performance of buildings, linking new technologies and methodologies with the latest research on systems, simulations and standards. As stringently reviewed as a journal but with the breadth of a book, this annual volume brings together invited contributions from the foremost international experts on energy efficiency and environmental quality of buildings. Spanning a broad range of technical subjects, this is a 'must have' reference on global developments in the field, suitable for architects and building engineers, environmental engineers, industry professionals, students, teachers and researchers in building science, technical libraries and laboratories. This first volume covers double skin facades; artificial intelligence in buildings; indoor thermal comfort and the progress of the adaptive approach; heat island research and the effect of urban microclimate; the use of techniques such as high dynamic range imaging and satellite remote sensing; and vital management and monitoring approaches such as post-occupancy evaluation.

The Building Cognitive Applications with IBM Watson Services series is a seven-volume collection that introduces IBM® Watson cognitive computing services. The series includes an overview of specific Watson services with their associated architectures and simple code examples. Each volume describes how you can use and implement these services in your applications through practical use cases. The series includes the following volumes: Volume 1 Getting Started, SG24-8387 Volume 2 Conversation, SG24-8394 Volume 3 Visual Recognition, SG24-8393 Volume 4 Natural Language Classifier, SG24-8391 Volume 5 Language Translator, SG24-8392 Volume 6 Speech to Text and Text to Speech, SG24-8388 Volume 7 Natural Language Understanding, SG24-8398 Whether you are a beginner or an experienced developer, this collection provides the information you need to start your research on Watson services. If your goal is to become more familiar with Watson in relation to your current environment, or if you are evaluating cognitive computing, this collection can serve as a powerful learning tool. This IBM Redbooks® publication, Volume 3, introduces the IBM Watson® Visual Recognition service. The Watson Visual Recognition service uses deep learning algorithms to analyze images for scenes, objects, faces, and other content. This book introduces concepts that you need to understand in order to use this Watson service and provides simple code examples to illustrate the use of the APIs. This book includes examples of applications that demonstrate how to use the Watson Visual Recognition service in practical use cases. You can develop and deploy the sample applications by following along in a step-by-step approach and using provided code snippets. Alternatively, you can download an existing Git project to more quickly deploy the application.

Learn the skills necessary to design, build, and deploy applications powered by machine learning (ML). Through the course of this hands-on book, you'll build an example ML-driven application from initial idea to deployed product. Data scientists, software engineers, and product managers—including experienced practitioners and novices alike—will learn the tools, best practices, and challenges involved in building a real-world ML application step by step. Author Emmanuel Ameisen, an experienced data scientist who led an AI education program, demonstrates practical ML concepts using code snippets, illustrations, screenshots, and interviews with industry leaders. Part I teaches you how to plan an ML application and measure success. Part II explains how to build a working ML model. Part III demonstrates ways to improve the model until it fulfills your original vision. Part IV covers deployment and monitoring strategies. This book will help you: Define your product goal and set up a machine learning problem Build your first end-to-end pipeline quickly and acquire an initial dataset Train and evaluate your ML models and address performance bottlenecks Deploy and monitor your models in a production environment

A comprehensive programmer's guide to developing sophisticated web-enabled applications with Java IBM has products in more than two-thirds of the existing commercial systems installations in the world. Over the next several years many of these systems will need to be accessible through the Internet, intranets, and extranets. IBM has chosen Java as the strategic technology for making all of their products ready for e-business. This book describes the Java tools available from IBM and explains how to use them to create Java-based applications. Worden details the challenges and techniques used to implement these technologies and shows you how these products can solve real-world application problems. Covering strategic as well as technical issues, Big Blue Java briefly introduces the emergence of Java and e-commerce at "Big Blue," IBM. The author then provides in-depth discussions on development tools, server products such as WebSphere Advanced and Enterprise, business and object modeling, the San Francisco Java framework, and Visual Age for Java as development environments. Also evaluated are the features and functions of the product suite offered by IBM, to help you find the right software for your e-business requirements. Inside you'll find:

- * Details of the IBM Java product development rationale and process
- * Key features of the IBM Java tool suite
- * Explanation of the role of related object tools including Rational Rose
- * Sample application models
- * In-depth description of the San Francisco environment

The CD-ROM contains:

- * Sample code from the book
- * Visual Age for Java forms
- * Servlet samples
- * Rational Rose models
- * IBM support material

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A journal of transportation, engineering, and railroad news.

The appearance of ugly staining early in a buildings life, ruins an otherwise pleasing appearance, tarnishes the image of the owners and gives rise to costly refurbishment works. In this book Phil Parnham raises a number of questions that should be considered whenever a new building is being designed or built. These are: * why has staining become so prominent; * what causes premature staining; which parts of new buildings are likely to be affected; * how can it be avoided? By using a number of highly illustrated case studies, the author answers these questions and ends by suggesting measures that should be taken by all design and construction professionals to prevent premature staining.

With *Building in France*, *Building in Iron*, *Building in Ferroconcrete* (1928)—published now for the first time in English—Sigfried Giedion positioned himself as an eloquent advocate of modern architecture. This was the first book to exalt Le Corbusier as the artistic champion of the new movement. It also spelled out many of the tenets of Modernism that are now regarded as myths, among them the impoverishment of nineteenth-century architectural thinking and practice, the contrasting vigor of engineering innovations, and the notion of Modernism as technologically preordained.

Building Knowledge, Constructing Histories brings together the papers presented at the Sixth International Congress on Construction History (6ICCH, Brussels, Belgium, 9-13 July 2018). The contributions present the latest research in the field of construction history, covering themes such as: - Building actors - Building materials - The process of building - Structural theory and analysis - Building services and techniques - Socio-cultural aspects - Knowledge transfer - The discipline of Construction History The papers cover various types of buildings and structures, from ancient times to the 21st century, from all over the world. In addition, thematic papers address specific themes and highlight new directions in construction history research, fostering transnational and interdisciplinary collaboration. *Building Knowledge, Constructing Histories* is a must-have for academics, scientists, building conservators, architects, historians, engineers, designers, contractors and other professionals involved or interested in the field of construction history. This is volume 2 of the book set.

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