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if your team is investigating ways to design applications for the cloud this concise book introduces 11 architecture patterns that can help you take advantage of cloud platform services you ll learn how each of these platform agnostic patterns work when they might be useful in the cloud and what impact they ll have on your application architecture you ll also see an example of each pattern applied to an application built with windows azure the patterns are organized into four major topics such as scalability and handling failure and primer chapters provide background on each topic with the information in this book you ll be able to make informed decisions for designing effective cloud native applications that maximize the value of cloud services while also paying attention to user experience and operational efficiency learn about architectural patterns for scalability discover the advantages of horizontal scaling patterns covered include

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during the fascist years in italy architecture and politics enjoyed a close alliance benito mussolini used architecture to educate the masses exploiting its symbolic prowess as a powerful tool for achieving political consensus mussolini architect examines mussolini in italy from 1922 to 1943 and expands the traditional interpretations of fascism advancing the claim that mussolini devised and implemented architecture as a tool capable of determining public behaviour and influencing opinion paolo nicoloso challenges the assertion that mussolini was of minimal influence on italian architecture and argues that in fact the fascist leader played a strong role in encouraging civic architectural development

in order to reflect the totalitarian values of the period drawing on archival documents nicoloso lists the architects who gave mussolini ideas and describes the times when the dictator himself sometimes picked up a pencil and suggested changes examining the political social and architectural history of the fascist period mussolini architect gives careful attention to the final years of fascist rule in order to demonstrate the extent to which mussolini was intent on shaping italy and its citizens through architectural projects

organizations value insights from reflexive iterative processes of designing interactive environments that reflect user experience i really like this definition of experience architecture which requires that we understand ecosystems of activity rather than simply considering single task scenarios donald norman the design of everyday things

save hours of worry this book has been written as a tutorial for authors wanting to publish ebooks using lulu s book publishing services it provides some simple to understand details on the structure of epub3 and describes some of the tools used to create them the tutorial also shows how to validate epub3 on your own pc before even attempting to upload them to lulu it also describes how to use the lulu epub publishing wizard and epub converter the guide includes many fault finding tips to deal with some of the lulu error messages and other common errors updated december 2013 with the latest important and helpful fault finding tips and information

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its applications presents and details all the features of xeon phi core design that are relevant to the practice of application developers such as its vector units hardware multithreading cache hierarchy and host to coprocessor communication channels building on this foundation he shows developers how to solve real world technical computing problems by selecting deploying and optimizing the available algorithms and data structure alternatives matching xeon phi s hardware characteristics from rahman s practical descriptions and extensive code examples the reader will gain a working knowledge of the xeon phi vector instruction set and the xeon phi microarchitecture whereby cores execute 512 bit instruction streams in parallel

for plenty years many popular mountain resorts have seen largely uncontrolled development consisting of the multiplication of archetypal chalet style houses this is usually accompanied by roadbuilding for private cars in order to protect these tourist destinations and their natural environs from further uncontrolled development the author investigates different settlement structures such as andermatt avoriaz verbier zermatt and whistler blackcomb on the basis of detailed graphical analyses she develops groundbreaking strategies for urban densification and suitable mobility management which can also be transferred to other tourist areas

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another essential aspect that leads to the application of generative programming an example is a generative network middleware that simplifies communication one of the book s main focuses is on explaining a potential strategy involving autonomous production cells for space geodetic techniques the complete software design of a satellite laser ranging system is taken as an example such automated systems are then combined for global interaction using secure communication tunnels for remote access the network of radio telescopes is used as a reference combined observatories form coordinated multi agent systems and offer solutions for operational aspects of the global geodetic observing system ggos with regard to industry 4 0

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