Mapguide Open Source Forum

'Amazing. It would be my desert island choice' Martin Rees 'Fascinating, beautiful, alarming and revelatory use of mapping and infographics' Stephen Fry on EarthTime maps 'An indispensable read' Arianna Huffington From the global impact of the Coronavirus to exploring the vast spread of the Australian bushfires, join authors Ian Goldin and Robert Muggah as they trace the ways in which our world has changed and the ways in which it will continue to change over the next hundred years. Map-making is an ancient impulse. From the moment homo sapiens learnt to communicate we have used them to make sense of our surroundings. But as Albert Einstein once said, 'you can't use old maps to explore a new world.' And now, when the world is changing faster than ever before, our old maps are no longer fit for purpose. Welcome to Terra Incognita. Based on decades of research, and combining mesmerising, state-of-the-art satellite maps with enlightening and passionately argued analysis, Ian and Robert chart humanity's impact on the planet, and the ways in which we can make a real impact to save it, and to thrive as a species. Learn about: fires in the arctic; the impact of sea level rise on cities around the world; the truth about immigration - and why fears in the West are a myth; the counter-intuitive future of population rise; the miracles of health and education

that are waiting around the corner, and the reality about inequality, and how we end it. The book traces the paths of peoples, cities, wars, climates and technologies, all on a global scale. Full of facts that will confound you, inform you, and ultimately empower you, Terra Incognita guides readers to a new place of understanding, rather than to a physical location.

The Encyclopedia of Geographic Information Science covers the essence of this exciting, new, and expanding field in an easily understood but richly detailed style. In addition to contributions from some of the best recognized scholars in GIScience, this volume contains contributions from experts in GIS' supporting disciplines who explore how their disciplinary perspectives are expanded within the context of GIScience—what changes when consideration of location is added, what complexities in analytical procedures are added when we consider objects in 2, 3 or even 4 dimensions, what can we gain by visualizing our analytical results on a map or 3D display?

This is a complete guide to the concept mapping methodology and strategies behind using it for a broad range of social scientists - including students, researchers and practitioners.

The role open-source geospatial software plays in data handling within the spatial information technology industry is the overarching theme of the

book. It also examines new tools and applications for those already using OS approaches to software development.

This book explains how an organization can measure and manage performance with the Balanced Scorecard methodology. It provides extensive background on performance management and the Balanced Scorecard, and focuses on guiding a team through the step-by-step development and ongoing implementation of a Balanced Scorecard system. Corporations, public sector agencies, and not for profit organizations have all reaped success from the Balanced Scorecard. This book supplies detailed implementation advice that is readily applied to any and all of these organization types. Additionally, it will benefit organizations at any stage of Balanced Scorecard development. Regardless of whether you are just contemplating a Balanced Scorecard, require assistance in linking their current Scorecard to management processes, or need a review of their past measurement efforts, Balanced Scorecard Step by Step provides detailed advice and proven solutions.

A guide to the Johto version of the popular game provides strategies, techniques, walkthroughs, attacks, moves, information on items, and descriptions of all the Pokâemon.

Since the first edition of Open Source GIS: A GRASS GIS Approach was published in 2002, GRASS has undergone

major improvements. This second edition includes numerous updates related to the new development; its text is based on the GRASS 5.3 version from December 2003. Besides changes related to GRASS 5.3 enhancements, the introductory chapters have been re-organized, providing more extensive information on import of external data. Most of the improvements in technical accuracy and clarity were based on valuable feedback from readers. Open Source GIS: A GRASS GIS Approach, Second Edition, provides updated information about the use of GRASS, including geospatial modeling with raster, vector, and site data, image processing, visualization, and coupling with other open source tools for geostatistical analysis and web applications. A brief introduction to programming within GRASS encourages new development. The sample data set used throughout the book has been updated and is available on the GRASS web site. This book also includes links to sites where the GRASS software and on-line reference manuals can be downloaded and additional applications can be viewed.

Factfulness meets How to Be Right in this major new book from globally bestselling economist Tim Harford 'Tim Harford is our most likeable champion of reason and rigour... clear, clever and always highly readable' Times Books of the Year 'If you aren't in love with stats before reading this book, you will be by the time you're done. Powerful, persuasive, and in these truth-defying times, indispensable' Caroline Criado Perez, author of Invisible Women 'Nobody makes the statistics of everyday life more fascinating and enjoyable than Tim Harford' Bill Bryson 'Fabulously readable, lucid, witty and authoritative . . . Every politician and journalist should be made to read this book, but everyone else will get so much pleasure and draw so much strength from the joyful way it dispels the clouds of deceit and delusion' Stephen Fry 'Wise, humane and, above all, illuminating. Nobody is better on

statistics and numbers - and how to make sense of them' Matthew Syed THE SUNDAY TIMES BUSINESS BESTSELLER When was the last time you read a grand statement, accompanied by a large number, and wondered whether it could really be true? Statistics are vital in helping us tell stories - we see them in the papers, on social media, and we hear them used in everyday conversation - and yet we doubt them more than ever. But numbers - in the right hands - have the power to change the world for the better. Contrary to popular belief, good statistics are not a trick, although they are a kind of magic. Good statistics are not smoke and mirrors; in fact, they help us see more clearly. Good statistics are like a telescope for an astronomer, a microscope for a bacteriologist, or an X-ray for a radiologist. If we are willing to let them, good statistics help us see things about the world around us and about ourselves - both large and small - that we would not be able to see in any other way. In How to Make the World Add Up, Tim Harford draws on his experience as both an economist and presenter of the BBC's radio show 'More or Less'. He takes us deep into the world of disinformation and obfuscation, bad research and misplaced motivation to find those priceless jewels of data and analysis that make communicating with numbers worthwhile. Harford's characters range from the art forger who conned the Nazis to the stripper who fell in love with the most powerful congressman in Washington, to famous data detectives such as John Maynard Keynes, Daniel Kahneman and Florence Nightingale. He reveals how we can evaluate the claims that surround us with confidence, curiosity and a healthy level of scepticism. Using ten simple rules for understanding numbers - plus one golden rule - this extraordinarily insightful book shows how if we keep our wits about us, thinking carefully about the way numbers are sourced and presented, we can look around us and see with crystal clarity how the world adds

up.
This book constitutes the refereed proceedings of the 5th
Annual Smart City 360° Summit, held in Braga, Portugal, in
December 2019. The volume combines selected papers of
four conferences, namely IoT in Urban Space, Urb-IoT 2019,
Smart Governance for Sustainable Smart Cities, SmartGov
2019, Sensor Systems and Software, S-Cube 2019, and
Intelligent Technologies for Interactive Entertainment, Intetain
2019. The 5 keynote and 32 conference papers presented
were carefully reviewed and selected from 113 submissions
and present results of multidisciplinary scientific and industry
collaboration to solve complex societal, technological and
economic problems Smart Cities. As such, the main goals are
to promote quality of life, work conditions, mobility and
sustainability.
"PostGIS in Action" is the first book devoted entirely to
PostGIS. It will help both new and experienced users write
spatial queries to solve real-world problems. It also discusses
the new features available in PostgreSQL 8.4 and provides
tutorials.
The Internet has become the major form of map delivery. The
current presentation of maps is based on the use of online
services. This session examines developments related to
online methods of map delivery, particularly Application
Programmer Interfaces (APIs) and MapServices in general,
including Google Maps API and similar services. Map
mashups have had a major impact on how spatial information
is presented. The advantage of using a major online mapping
site is that the maps represent a common and recognizable
representation of the world. Overlaying features on top of
these maps provides a frame of reference for the map user. A
particular advantage for thematic mapping is the ability to
spatially reference thematic data.
This step-by-step guide will teach you how to use GeoServer

to build custom and interactive maps using your data.About This Book* Exploit the power of GeoServer to provide agile, flexible, and low -cost community projects* Share real-time maps quickly* Boost your map server's performance using the power and flexibility of GeoServerWho This Book Is ForIf you are a web developer with knowledge of server side scripting, have experience in installing applications on the server, and want to go beyond Google Maps by offering dynamically built maps on your site with your latest geospatial data stored in MySQL, PostGIS, MySQL, or Oracle, this is the book for you.What You Will Learn* Install GeoServer quickly* Access dynamic real-time geospatial data that you can easily integrate into your own web-based application* Create custom styles for lines, points, and polygons for great-looking maps* Command GeoServer remotely using REST* Tune your GeoServer instance for performance* Move GeoServer into production* Learn advanced topics to extend GeoServer's capabilitiesIn DetailGeoServer is an opensource server written in Java that allows users to share, process, and edit geospatial data. This book will guide you through the new features and improvements of GeoServer and will help you get started with it. GeoServer Beginner's Guide gives you the impetus to build custom maps using your data without the need for costly commercial software licenses and restrictions. Even if you do not have prior GIS knowledge, you will be able to make interactive maps after reading this book.You will install GeoServer, access your data from a database, and apply style points, lines, polygons, and labels to impress site visitors with real-time maps. Then you follow a step-by-step guide that installs GeoServer in minutes. You will explore the web-based administrative interface to connect to backend data stores such as PostGIS, and Oracle. Going ahead, you can display your data on web-based interactive maps, use style lines, points, polygons, and embed images to visualize

this data for your web visitors. You will walk away from this book with a working application ready for production.After reading GeoServer Beginner's Guide, you will be able to build beautiful custom maps on your website using your geospatial data.Style and approachStep-by-step instructions are included and the needs of a beginner are totally satisfied by the book. The book consists of plenty of examples with accompanying screenshots and code for an easy learning curve.

Using the example of corporate OSS engagement, Oliver Alexy shows how free revealing can be carried out both effectively and efficiently by companies. He evaluates potential advantages and disadvantages and looks at related organizational processes to understand how this practice diffuses within the corporation and how firms can use it successfully.

Featuring: Hiking, Camping, Geology, History & Archaeology! Plus for this 6th Edition: History of Cass Hite, Hite, White Canyon Town, Bert Loper and the Long Walk of the Navajos!

Open Sources 2.0 is a collection of insightful and thought-provoking essays from today's technology leaders that continues painting the evolutionary picture that developed in the 1999 book Open Sources: Voices from the Revolution . These essays explore open source's impact on the software industry and reveal how open source concepts are infiltrating other areas of commerce and society. The essays appeal to a broad audience: the software

developer will find thoughtful reflections on practices and methodology from leading open source developers like Jeremy Allison and Ben Laurie, while the business executive will find analyses of business strategies from the likes of Sleepycat co-founder and CEO Michael Olson and Open Source Business Conference founder Matt Asay. From China, Europe, India, and Brazil we get essays that describe the developing world's efforts to join the technology forefront and use open source to take control of its high tech destiny. For anyone with a strong interest in technology trends, these essays are a must-read. The enduring significance of open source goes well beyond high technology, however. At the heart of the new paradigm is network-enabled distributed collaboration: the growing impact of this model on all forms of online collaboration is fundamentally challenging our modern notion of community. What does the future hold? Veteran open source commentators Tim O'Reilly and Doc Searls offer their perspectives, as do leading open source scholars Steven Weber and Sonali Shah. Andrew Hessel traces the migration of open source ideas from computer technology to biotechnology, and Wikipedia co-founder Larry Sanger and Slashdot co-founder Jeff Bates provide frontline views of functioning, flourishing online collaborative communities. The power of collaboration, enabled by the internet and open source software, is changing

the world in ways we can only begin to imagine.Open Sources 2.0 further develops the evolutionary picture that emerged in the original Open Sources and expounds on the transformative open source philosophy. "This is a wonderful collection of thoughts and examples bygreat minds from the free software movement, and is a must have foranyone who follows free software development and project histories." --Robin Monks, Free Software Magazine The list of contributors include Alolita Sharma Andrew Hessel Ben Laurie Boon-Lock Yeo Bruno Souza Chris DiBona Danese Cooper Doc Searls Eugene Kim Gregorio Robles Ian Murdock Jeff Bates Jeremy Allison Jesus M. Gonzalez-Barahona Kim Polese Larry Sanger Louisa Liu Mark Stone Mark Stone Matthew N. Asay Michael Olson Mitchell Baker Pamela Jones Robert Adkins Russ Nelson Sonali K. Shah Stephen R. Walli Steven Weber Sunil Saxena Tim O'Reilly Wendy Seltzer

Trace the epic history of World War 2 across the globe with more than 70 detailed maps. In this stunning visual history book, custom maps tell the story of the Second World War from the rise of the Axis powers to the dropping of the atom bomb on Hiroshima and Nagasaki. Each map is rich with detail and graphics, helping you to chart the progress of key events of World War II on land, sea, and air, such as the Dunkirk evacuation, the attack

on Pearl Harbor, the D-Day landings, and the siege of Stalingrad. Historical maps from both Allied and Axis countries also offer unique insights into the events. There are timelines to help you follow the story as it unfolds, while narrative overviews explain the social, economic, political, and technical developments at the time. Fascinating, large-scale pictures introduce topics such as the Holocaust, blitzkrieg, kamikaze warfare, and code-breaking. Written by a team of historians in consultation with Richard Overy, World War II Map by Map examines how the deadliest conflict in history changed the face of our world. It is perfect for students, general readers, and military history enthusiasts.
The Let's Go Map Guides: A Guide Wrapped in a Map The Maps Feature: · Eleven sturdy four-color panels of easy-to-read maps detailing downtown area, vicinity, and transportation routes · Complete street index · Symbols locating points of interest The Guides Feature: · Twenty-four to 40 pages of essential information on affordable restaurants, hotels, entertainment, sights, and museums, including descriptions, addresses, phone numbers, and prices · Practical information on everything from renting bicycles to tipping to emergency phone numbers Conveniently sized for a pocket, briefcase, or backpack, the Let's Go Map Guides are an essential tool for tourists and residents alike.
The Rough Guide to Europe on a Budget is the

ultimate guide to exploring this fascinating continent on a shoestring, with coverage of all the top sights, the clearest mapping of any guide and handy hints on how to save money. Discover the highlights of Europe, from the vibrant capitals of London, Paris and Rome to the great outdoors, whether skiing in the Alps, hiking in the Tatras or surfing on the Portuguese coast. Read about Europe's great attractions from the Sistine Chapel in Rome to the Aya Sofia in Istanbul. And with coverage of four new countries - Montenegro, Albania, Macedonia and Bosnia-Hercegovina, The Rough Guide to Europe on a Budget is more comprehensive than ever before. Find practical advice on travelling around Europe, whether by InterRail, Eurail or bus, and what to see and do in each country. With up-to-date descriptions of the best hostels and budget hotels in Europe, bars in Europe, cafés, cheap restaurants, and European shopping and festivals this guide is the budget-conscious traveller's must have item for European trips.

In this book the authors explore the state of the art on efficiency measurement in health systems and international experts offer insights into the pitfalls and potential associated with various measurement techniques. The authors show that: - The core idea of efficiency is easy to understand in principle - maximizing valued outputs relative to inputs, but is often difficult to make operational in real-life situations - There have been

numerous advances in data collection and availability, as well as innovative methodological approaches that give valuable insights into how efficiently health care is delivered - Our simple analytical framework can facilitate the development and interpretation of efficiency indicators.

This translation originally copyrighted in 2009.

How seeing turns into showing, how empirical observations turn into explanation and evidence. How to produce and consume evidence presentations. Genealogical research in U.S. censuses begins with identifying correct county jurisdictions ??o assist in this identification, the map Guide shows all U.S. county boundaries from 1790 to 1920. On each of the nearly 400 maps the old county lines are superimposed over the modern ones to highlight the boundary changes at ten-year intervals. Accompanying each map are explanations of boundary changes, notes about the census, & tocality finding keys. In addition, there are inset maps which clarify ??erritorial lines, a state-by-state bibliography of sources, & an appendix outlining pitfalls in mapping county boundaries. Finally, there is an index which lists all present day counties, plus nearly all defunct counties or counties later renamed-the most complete list of American counties ever published.

This book contains papers presented at the first Open Source Geospatial Research Symposium held in Nantes City, France, 8-10 July, 2009. It brings together insights and ideas in the fields of Geospatial Information and Geoinformatics. It demonstrates the scientific community dynamism related to open source and free software as

well as in defining new concepts, standards or tools. This edited volume presents a collection of lessons learned with, and research conducted on, OpenStreetMap, the goal being to promote the project's integration. The respective chapters address a) state-of-the-art and cutting-edge approaches to data quality analysis in OpenStreetMap, b) investigations on understanding OpenStreetMap contributors and the nature of their contributions, c) identifying patterns of contributions and contributors, d) applications of OpenStreetMap in different domains, e) mining value-added knowledge and information from OpenStreetMap, f) limitations in the analysis OpenStreetMap data, and g) integrating OpenStreetMap with commercial and non-commercial datasets. The book offers an ideal opportunity to present and disseminate a number of cutting-edge developments and applications in the field of geography, spatial statistics, GIS, social science, and cartography.

Marketing has changed forever—this is what comes next Marketing 4.0: Moving from Traditional to Digital is the much-needed handbook for next-generation marketing. Written by the world's leading marketing authorities, this book helps you navigate the increasingly connected world and changing consumer landscape to reach more customers, more effectively. Today's customers have less time and attention to devote to your brand—and they are surrounded by alternatives every step of the way. You need to stand up, get their attention, and deliver

the message they want to hear. This book examines the marketplace's shifting power dynamics, the paradoxes wrought by connectivity, and the increasing sub-culture splintering that will shape tomorrow's consumer; this foundation shows why Marketing 4.0 is becoming imperative for productivity, and this book shows you how to apply it to your brand today. Marketing 4.0 takes advantage of the shifting consumer mood to reach more customers and engage them more fully than ever before. Exploit the changes that are tripping up traditional approaches, and make them an integral part of your methodology. This book gives you the world-class insight you need to make it happen. Discover the new rules of marketing Stand out and create WOW moments Build a loyal and vocal customer base Learn who will shape the future of customer choice Every few years brings a "new" marketing movement, but experienced marketers know that this time its different; it's not just the rules that have changed, it's the customers themselves. Marketing 4.0 provides a solid framework based on a real-world vision of the consumer as they are today, and as they will be tomorrow. Marketing 4.0 gives you the edge you need to reach them more effectively than ever before.

This book provides something far more valuable than either the cheerleading or the fear-mongering one hears about open source. The authors are Dan

Woods, former CTO of TheStreet.com and a consultant and author of several books about IT, and Gautam Guliani, Director of Software Architecture at Kaplan Test Prep & Admissions. Each has used open source software for some 15 years at IT departments large and small. They have collected the wisdom of a host of experts from IT departments, open source communities, and software companies. Open Source for the Enterprise provides a top to bottom view not only of the technology, but of the skills required to manage it and the organizational issues that must be addressed.

Summary PostGIS in Action, Second Edition teaches readers of all levels to write spatial queries that solve real-world problems. It first gives you a background in vector-, raster-, and topology-based GIS and then quickly moves into analyzing, viewing, and mapping data. This second edition covers PostGIS 2.0 and 2.1 series, PostgreSQL 9.1, 9.2, and 9.3 features, and shows you how to integrate with other GIS tools. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book Processing data tied to location and topology requires specialized know-how. PostGIS is a free spatial database extender for PostgreSQL, every bit as good as proprietary software. With it, you can easily create location-aware queries in just a few lines of SQL code and build the back end for a mapping, raster analysis, or

routing application with minimal effort. PostGIS in Action, Second Edition teaches you to solve real-world geodata problems. It first gives you a background in vector-, raster-, and topology-based GIS and then quickly moves into analyzing, viewing, and mapping data. You'll learn how to optimize queries for maximum speed, simplify geometries for greater efficiency, and create custom functions for your own applications. You'll also learn how to apply your existing GIS knowledge to PostGIS and integrate with other GIS tools. Familiarity with relational database and GIS concepts is helpful but not required. What's Inside An introduction to spatial databases Geometry, geography, raster, and topology spatial types, functions, and queries Applying PostGIS to real-world problems Extending PostGIS to web and desktop applications Updated for PostGIS 2.x and PostgreSQL 9.x About the Authors Regina Obe and Leo Hsu are database consultants and authors. Regina is a member of the PostGIS core development team and the Project Steering Committee. Table of Contents PART 1 INTRODUCTION TO POSTGIS What is a spatial database? Spatial data types Spatial reference system considerations Working with real data Using PostGIS on the desktop Geometry and geography functions Raster functions PostGIS TIGER geocoder Geometry relationships PART 2 PUTTING POSTGIS TO WORK Proximity analysis Geometry and

geography processing Raster processing Building and using topologies Organizing spatial data Query performance tuning PART 3 USING POSTGIS WITH OTHER TOOLS Extending PostGIS with pgRouting and procedural languages Using PostGIS in web applications

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