

Using Granite Datasource Objects To Populate Aem Touch Ui

Granular forms of common materials such as metals and ceramics, sands and soils, porous energetic materials (explosives, reactive mixtures), and foams exhibit interesting behaviors due to their heterogeneity and critical length scale, typically commensurate with the grain or pore size. Under extreme conditions of impact, granular and porous materials display highly localized phenomena such as fracture, inelastic deformation, and the closure of voids, which in turn strongly influence the bulk response. Due to the complex nature of these interactions and the short time scales involved, computational methods have proven to be powerful tools to investigate these phenomena. Thus, the coupled use of experiment, theory, and simulation is critical to advancing our understanding of shock processes in initially porous and granular materials. This is a comprehensive volume on granular and porous materials for researchers working in the area of shock and impact physics. The book is divided into three sections, where the first presents the fundamentals of shock physics as it pertains to the equation of state, compaction, and strength properties of porous materials. Building on these fundamentals, the next section examines several applications where dynamic processes involving initially porous materials are prevalent, focusing on the areas of penetration, planetary impact, and reactive munitions. The final section provides a look at emerging areas in the field, where the expansion of experimental and computational capabilities are opening the door for new opportunities in the areas of advanced light sources, molecular dynamics modeling, and additively manufactured porous structures. By intermixing experiment, theory, and simulation throughout, this book serves as an excellent, up-to-date desk reference for those in the field of shock compression science of porous and granular materials. For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

This book focuses on the characteristics and the development of the stone vessel industry in the Near East during the Iron Age and the Persian period (c. 1200 – 330 BCE).

Missoula, Mineral, Sanders, Granite, Powell, Lewis and Clark, Flathead, Ravalli, and Lake Counties, Montana

Environmental Impact Statement

Small Business Taxes For Dummies

IBM Cognos Dynamic Query

How to Fix the Most Annoying Things About Your Favorite Database

Perspectives on Scientific Argumentation

When an application is part of the Microsoft Office suite, it's sure to be a leader in its field. In the realm of desktop database management, Access is top dog with millions of users. But this is one dog that can bite. Although Access is a powerful, relational tool with the fetching talents of a Labrador, it's not an easy beast to train. Still, millions of users count on Access for everything from managing parts databases to running Web catalogs to working as a front end to mondo SQL databases. But Access is chockablock with annoyances---report hassles, query conundrums, VBA bugs, arcane error messages, and more. O'Reilly's Annoyances series offer real-world help, right now, and Fixing Access Annoyances continues tradition. You'll not only squash bugs and workaround Access' limits, but you'll learn how to use Access to the max, whether you're a newbie or a seasoned pro. Coverage includes install/configuration annoyances, building better tables and queries, creating forms that work right, generating reliable and sophisticated reports, pulling in data from a variety of sources, crafting macros and VBA code to customize Access, and much more. You could grab those other books for help, but do they solve problems from page one? Meet a book of a different stripe. The authors come armed with knowledge of the program's quirks, design hurdles and interface snags. They provide you with battle plans in Fixing Access Annoyances to save you time and bouts of hair pulling. Stop information from spiraling out of control when working with Access and trying to make this \$#@# thing work! Don't let its quirks, bugs, and troublemaking features beat you. Who you gonna call for help? Instead of waiting on the line for tech support or searching for the answer on the Internet with its too many resources to find exactly what you need, take control of databases with Fixing Access Annoyances, your partner on database adventures.

This book begins with a brief account of the extraordinary sequence of events that led to emergence of grasslands as major vegetation formations that now occupy some of the driest and hottest and the highest and coldest on earth as well as vast steppes and prairies in more temperate climes. It is the story of grasses successfully competing with forests and woodlands, aided and abetted by grazing herbivores and by humans and their use of fire as a tool. It is a story of adaptation to changing climates and the changing biophysical environments. A major focus of the book is the Palaearctic biogeographic realm that extends over some 45 million km² and thus more than 1/3 of the terrestrial ice-free surface on Earth. It comprises extensive grasslands of different types and origin, which can be subdivided into (1) natural grasslands with (1a) steppes (climatogenic in dry climates), (1b) arctic-alpine grasslands (climatogenic in cold climates) and (1c) azonal and extrazonal grasslands (pedogenic and topogenic) as well as (2) secondary grasslands created and sustained by human activities, such as livestock grazing, mowing or burning. Grasslands of the Palaearctic do not only form a major basis for the agriculture of the region and thus its food supply, but are also crucial for other ecosystem services and host a supra proportional part of the realm 's plant and animal diversity. To reflect that suitability of grasslands for biodiversity strongly depends on their state, we apply the term High Nature Value grassland to those natural grasslands that are not degraded (in good state) and those secondary grasslands that are not intensified (semi-natural). The situation in a variety of countries where grasslands are evolving under the influence of global climate change is also considered. Case studies are presented on Southern Africa, Eastern Africa, India, China, South America, North America and Australia. The concluding chapter examines a set of themes arising from the chapters that make up the bulk of this book. The following provide a focus: recent history of grassland biomes – brief recap of current thinking and recent trends with special reference to dry grasslands in the Palaearctic regions; the current

status of grasslands and germplasm resources (biodiversity) – an overview; management systems that ensure sustainability; how to recover degraded grasslands; socio-economic issues and considerations in grassland management; the impacts of environmental problems in grasslands such as future climate change and intensification and the problems/prospects facing pastoralists and other grassland-based livestock producers.

The Bulletin of the Atomic Scientists is the premier public resource on scientific and technological developments that impact global security. Founded by Manhattan Project Scientists, the Bulletin's iconic "Doomsday Clock" stimulates solutions for a safer world.

Proceedings of the 8th Bandung Creative Movement International Conference on Creative Industries (8th BCM 2021), Bandung, Indonesia, 9 September 2021

Computerworld

Stone Vessels in the Near East during the Iron Age and the Persian Period

Embracing the Future: Creative Industries for Environment and Advanced Society 5.0 in a Post-Pandemic Era

(c. 1200-330 BCE)

Advances in Visual Computing

By delivering the mindful writings from our selected authors, this book portrays one big idea: a new Human-Centered society that balances economics to resolve problems, especially in the use of an integrated area in cyberspace, physical space, and how it impacts the creative industries. Through The 8th Bandung Creative Movement, scholars from 15 Universities around the Asian and European countries have discussed this issue where Human-Centered society became the main consideration in the development. Three topics are presented to the readers. Firstly, "Sustainable Cities and Communities" explores the sub-fields that construct a more sustainable environment for society post-pandemic era, such as technologies, transportation, interior design, architecture, urban planning, etc. While "Art and Design: Recontextualization of Nusantara Tradition and Indigenous Culture" concerned the novel perspectives on recognizing cultural aspects that shape the face of creative industry, from cultural identity, visual and performing arts, pop culture to language and media. The last topic, "Changes and Dynamics in The Creative Industries," reviews the creative approach toward the industry's current trends, including marketplace, destination branding, or digital culture ecosystem. This book will enrich the mind of everybody who is an enthusiast of innovative research on creative industries, human-centered technologies, environmental design, and excellent society 5.0 post-pandemic era.

Perform fast interactive analytics against different data sources using the Trino high-performance distributed SQL query engine. With this practical guide, you'll learn how to conduct analytics on data where it lives, whether it's Hive, Cassandra, a relational database, or a proprietary data store.

Analysts, software engineers, and production engineers will learn how to manage, use, and even develop with Trino. Initially developed by Facebook, open source Trino is now used by Netflix, Airbnb, LinkedIn, Twitter, Uber, and many other companies. Matt Fuller, Manfred Moser, and Martin Traverso show you how a single Trino query can combine data from multiple sources to allow for analytics across your entire organization. Get started: Explore Trino's use cases and learn about tools that will help you connect to Trino and query data Go deeper: Learn Trino's internal workings, including how to connect to and query data sources with support for SQL statements, operators, functions, and more Put Trino in production: Secure Trino, monitor workloads, tune queries, and connect more applications; learn how other organizations apply Trino

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Introducing Microsoft Power BI enables you to evaluate when and how to use Power BI. Get inspired to improve business processes in your company by leveraging the available analytical and collaborative features of this environment. Be sure to watch for the publication of Alberto Ferrari and Marco Russo's upcoming retail book, Analyzing Data with Power BI and Power Pivot for Excel (ISBN 9781509302765). Go to the book's page at the Microsoft Press Store here for more details:<http://aka.ms/analyzingdata/details>. Learn more about Power BI at <https://powerbi.microsoft.com/>.

Introducing Microsoft Power BI

15-20 September 2002, Berlin, Germany

Data Sources

Scientific and Technical Aerospace Reports

Bulletin of the Atomic Scientists

Diversity, Management and Conservation

Backpacker brings the outdoors straight to the reader's doorstep, inspiring and enabling them to go more places and enjoy nature more often. The authority on active adventure, Backpacker is the world's first GPS-enabled magazine, and the only magazine whose editors personally test the hiking trails, camping gear, and survival tips they publish. Backpacker's Editors' Choice Awards, an industry honor recognizing design, feature and product innovation, has become the gold standard against which all other outdoor-industry awards are measured.

The study of human body measurements on a comparative basis is known as anthropometrics. Its applicability to the design process is seen in the physical fit, or interface, between the human body and the various components of interior space. Human Dimension and Interior Space is the first major anthropometrically based reference book of design standards for use by all those involved with the physical planning and detailing of interiors, including interior designers, architects, furniture designers, builders, industrial designers, and students of design. The use of anthropometric data, although no substitute for good design or sound professional judgment should be viewed as one of the many tools required in the design process. This comprehensive overview of anthropometrics consists of three parts. The first part deals with the theory and application of anthropometrics and includes a special section dealing with physically disabled and elderly people. It provides the designer with the fundamentals of

anthropometrics and a basic understanding of how interior design standards are established. The second part contains easy-to-read, illustrated anthropometric tables, which provide the most current data available on human body size, organized by age and percentile groupings. Also included is data relative to the range of joint motion and body sizes of children. The third part contains hundreds of dimensioned drawings, illustrating in plan and section the proper anthropometrically based relationship between user and space. The types of spaces range from residential and commercial to recreational and institutional, and all dimensions include metric conversions. In the Epilogue, the authors challenge the interior design profession, the building industry, and the furniture manufacturer to seriously explore the problem of adjustability in design. They expose the fallacy of designing to accommodate the so-called average man, who, in fact, does not exist. Using government data, including studies prepared by Dr. Howard Stoudt, Dr. Albert Damon, and Dr. Ross McFarland, formerly of the Harvard School of Public Health, and Jean Roberts of the U.S. Public Health Service, Panero and Zelnik have devised a system of interior design reference standards, easily understood through a series of charts and situation drawings. With *Human Dimension and Interior Space*, these standards are now accessible to all designers of interior environments.

A descriptively annotated, multidisciplinary, cross-referenced and extensively indexed guide to 2,395 dissertations that are concerned either in whole or in part with Hong Kong and with Hong Kong Chinese students and emigres throughout the world.

Advanced Analytics in Power BI with R and Python

The Role of the Architect in Historic Preservation

Oracle Power Objects Handbook

LOST Opportunities

5th International Symposium, ISVC 2009, Las Vegas, NV, USA, November 30 - December 2, 2009, Proceedings, Part II

Kootenai National Forest (N.F.) Plan (MT, ID)

This easy-to-follow guide provides R and Python recipes to help you learn and apply the top languages in the field of data analytics to your work in Microsoft Power BI. Data analytics expert and author Ryan Wade shows you how to use R and Python to perform tasks that are extremely hard to do, if not impossible, using native Power BI tools without Power BI Premium capacity. For example, you will learn to score Power BI data using custom data science models, including powerful models from Microsoft Cognitive Services. The R and Python languages are powerful complements to Power BI. They enable advanced data transformation techniques that are difficult to perform in Power BI in its default configuration, but become easier through the application of data wrangling features that languages such as R and Python support. If you are a BI developer, business analyst, data analyst, or a data scientist who wants to push Power BI and transform it from being just a business intelligence tool into an advanced data analytics tool, then this is the book to help you to do that. What You Will Learn Create advanced data visualizations through R using the ggplot2 package Ingest data using R and Python to overcome the limitations of Power Query Apply machine learning models to your data using R and Python Incorporate advanced AI in Power BI via Microsoft Cognitive Services, IBM Watson, and pre-trained models in SQL Server Machine Learning Services Perform string manipulations not otherwise possible in Power BI using R and Python Who This Book Is For Power users, data analysts, and data scientists who want to go beyond Power BI's built-in functionality to create advanced visualizations, transform data in ways not otherwise supported, and automate data ingestion from sources such as SQL Server and Excel in a more succinct way

Geomorphology is the study of the Earth's diverse physical land-surface features and the dynamic processes that shape these features. Examining natural and anthropogenic processes, *The SAGE Handbook of Geomorphology* is a comprehensive exposition of the fundamentals of geomorphology that examines form, process, and applications of the discipline. Organized into five substantive sections, the Handbook is an overview of: * Foundations and Relevance: including the nature and scope of geomorphology; the origins and development of geomorphology; the role and character of theory in geomorphology; geomorphology and environmental management; and geomorphology and society * Techniques and Approaches: including observations and experiments; geomorphological mapping; the significance of models; process and form; dating surfaces and sediment; remote sensing in geomorphology; GIS in geomorphology; biogeomorphology; human activity * Process and Environment: including the evolution of regolith; weathering; fluids, flows and fluxes; sediment transport and deposition; hill slopes; riverine environments; glacial geomorphology; periglacial environments; coastal environments; aeolian environments; tropical environments; karst and karst processes * Environmental Change: including landscape evolution and tectonics; interpreting quaternary environments; environmental change; disturbance and responses to geomorphic systems * Conclusion: including challenges and perspectives; and a concluding review The Handbook has contributions from 48 international authors and was initially organized by the International Association of Geomorphologists. This will be a much-used and much-cited reference for researchers in Geomorphology, Physical Geography and the Environmental Sciences.

"Most papers result from a meeting in Beijing in June 2005"--Preface.

Mesozoic Sub-continental Lithospheric Thinning Under Eastern Asia

Columbia River System Operation Review (SOR)

Geographic Information Analysis

In Connection of the 60th Anniversary of the Geological Society of China

The ArcGIS Book

Learning in Out-of-School Time

Advances in Visual Computing 5th International Symposium, ISVC 2009, Las Vegas, NV, USA, November 30 - December 2, 2009, Proceedings, Part II Springer

This IBM® Redbooks® publication explains how IBM Cognos® Business Intelligence (BI) administrators, authors, modelers, and power users can use the dynamic query layer effectively. It provides guidance for determining which technology within the dynamic query layer can best satisfy your business requirements. Administrators can learn how to tune the query service effectively and preferred practices for managing their business intelligence content. This book includes information about metadata modeling of relational data sources with IBM Cognos

Framework Manager. It includes considerations that can help you author high-performing applications that satisfy analytical requirements of users. This book provides guidance for troubleshooting issues related to the dynamic query layer of Cognos BI. Related documents: Solution Guide : Big Data Analytics with IBM Cognos BI Dynamic Query Blog post : IBM Cognos Dynamic Query Extensibility

This book is related to various applications of laser scanning in landslide assessment. Landslide detection approaches, susceptibility, hazard, vulnerability assessment and various modeling techniques are presented. Optimization of landslide conditioning parameters and use of heuristic, statistical, data mining approaches, their advantages and their relationship with landslide risk assessment are discussed in detail. The book contains scanning data in tropical forests; its indicators, assessment, modeling and implementation. Additionally, debris flow modeling and analysis including source of debris flow identification and rockfall hazard assessment are also presented.

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Landslide Risk Management

Past, Present, and Future

Shock Phenomena in Granular and Porous Materials

The SAGE Handbook of Geomorphology

Ingesting, Transforming, Visualizing

Prepare for Microsoft Exam 70-768—and help demonstrate your real-world mastery of Business Intelligence (BI) solutions development with SQL Server 2016 Analysis Services (SSAS), including modeling and queries. Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives: • Design a multidimensional BI semantic model • Design a tabular BI semantic model • Develop queries using Multidimensional Expressions (MDX) and Data Analysis Expressions (DAX) • Configure and maintain SSAS This Microsoft Exam Ref: • Organizes its coverage by exam objectives • Features strategic, what-if scenarios to challenge you • Assumes you are a database or BI professional with experience creating models, writing MDX or DAX queries, and using SSAS

A professional database developer takes readers through the basics of Project X and teaches them how to create databases and use Project X as a single-user database. Kolste covers the more advanced operations, such as creating applications, advanced reporting techniques, and Oracle BASIC, and shows how to use Project X as a front-end for corporate databases that use Oracle 7.

Get your taxes right the first time and save \$ If you run a small business, you've likely got more work than you already feel able to handle. The last thing you need is to be running around trying to figure out your taxes at the last minute. So, if you need a hands-on guide to small business taxes that doesn't mess around, look no further than Small Business Taxes For Dummies. In this book, nationally recognized personal finance expert Eric Tyson clearly and concisely delivers the best methods to save on your taxes and make the process as easy as possible. You'll get the latest info about all the newest tax deductions and credits (including COVID-19-related breaks), as well as location-specific incentives and other little-known tips. You'll also find: Expanded discussions of new retirement account options for small business owners The latest advice on how to deal with online and software tax prep and filing options to make life easier at tax time Explorations of likely new changes coming A can't-miss resource for small business owners, managers, and employees, Small Business Taxes For Dummies is the book to help you make sure you don't pay more than you need to pay at tax time!

A Source Book of Design Reference Standards

Final Environmental Impact Statement on the Lolo National Forest Land and Resource Management Plan (forest Plan)

Using AutoCAD 2000

Laser Scanning Applications in Landslide Assessment

Grasslands of the World

June 1-4, 2003, Millersville, Pennsylvania

It is with great pleasure that we present the proceedings of the 5th International Symposium on Visual Computing (ISVC 2009), which was held in Las Vegas, Nevada. ISVC offers a common umbrella for the four main areas of visual computing including vision, graphics, visualization, and virtual reality. The goal is to provide a forum for researchers, scientists, engineers, and practitioners throughout the world to present their latest research findings, ideas, developments, and applications in the broader area of visual computing. This year, the program consisted of 16 oral sessions, one poster session, 7 special tracks, and 6 keynote presentations. Also, this year ISVC hosted the Third Semantic Robot Vision Challenge. The response to the call for papers was very good; we received over 320 submissions for the main symposium from which we accepted 97 papers for oral presentation and 63 papers for poster presentation. Special track papers were solicited separately through the Organizing and Program Committees of each track. A total of 40 papers were accepted for oral presentation and 15 papers for poster presentation in the special tracks. All papers were reviewed with an emphasis on potential to contribute to the state of the art in the field. Selection criteria included accuracy and originality of ideas, clarity and significance of results, and presentation quality. The review process was quite rigorous, involving two to three independent blind reviews followed by several days of discussion. During the discussion period we tried to correct anomalies and errors that might have existed in the initial reviews. Argumentation—arriving at conclusions on a topic through a process of logical reasoning that includes debate and persuasion—has in recent years emerged as a central topic of discussion among science educators and researchers. There is now a firm and general belief that fostering argumentation in learning activities can develop students' critical thinking and reasoning skills, and that dialogic and collaborative inquiries are key precursors to an engagement in scientific argumentation. It is also reckoned that argumentation helps students assimilate knowledge and generate complex meaning. The consensus among educators is that

involving students in scientific argumentation must play a critical role in the education process itself. Recent analysis of research trends in science education indicates that argumentation is now the most prevalent research topic in the literature. This book attempts to consolidate contemporary thinking and research on the role of scientific argumentation in education. *Perspectives on Scientific Argumentation* brings together prominent scholars in the field to share the sum of their knowledge about the place of scientific argumentation in teaching and learning. Chapters explore scientific argumentation as a means of addressing and solving problems in conceptual change, reasoning, knowledge-building and the promotion of scientific literacy. Others interrogate topics such as the importance of language, discursive practice, social interactions and culture in the classroom. The material in this book, which features intervention studies, discourse analyses, classroom-based experiments, anthropological observations, and design-based research, will inform theoretical frameworks and changing pedagogical practices as well as encourage new avenues of research.

Clear, up-to-date coverage of methods for analyzing geographical information in a GIS context *Geographic Information Analysis, Second Edition* is fully updated to keep pace with the most recent developments of spatial analysis in a geographic information systems (GIS) environment. Still focusing on the universal aspects of this science, this revised edition includes new coverage on geovisualization and mapping as well as recent developments using local statistics. Building on the fundamentals, this book explores such key concepts as spatial processes, point patterns, and autocorrelation in area data, as well as in continuous fields. Also addressed are methods for combining maps and performing computationally intensive analysis. New chapters tackle mapping, geovisualization, and local statistics, including the Moran Scatterplot and Geographically Weighted Regression (GWR). An appendix provides a primer on linear algebra using matrices. Complete with chapter objectives, summaries, "thought exercises," explanatory diagrams, and a chapter-by-chapter bibliography, *Geographic Information Analysis* is a practical book for students, as well as a valuable resource for researchers and professionals in the industry.

Trino: The Definitive Guide

Cumulated Index Medicus

Fixing Access Annoyances

Backpacker

10 Big Ideas about Applying the Science of where

Learning in informal settings is attracting growing attention from policymakers and researchers, yet there remains, at the moment, a dearth of literature on the topic. Thus this volume, which examines how science and mathematics are experienced in everyday and out-of-school-time (OST) settings, makes an important contribution to the field of the learning sciences. Conducting research on OST learning requires us to broaden and deepen our conceptions of learning as well as to better identify the unique and common qualities of different learning settings. We must also find better ways to analyze the interplay between OST and school-based learning. In this volume, scholars develop theoretical structures that are useful not only for understanding learning processes, but also for helping to create and support new opportunities for learning, whether they are in or out of school, or bridging a range of settings. The chapters in this volume include studies of everyday and 'situated' processes that facilitate science and mathematics learning. They also feature new theoretical and empirical frameworks for studying learning pathways that span both in- and out-of-school time and settings. Contributors also examine structured OST programs in which everyday and situated modes of learning are leveraged in support of more disciplined practices and conceptions of science and mathematics. Fortifying much of this work is a leading focus on educational equity—a desire to foster more socially supportive and intellectually engaging science and mathematics learning opportunities for youth from historically non-dominant communities. Full of compelling examples and revealing analysis, this book is a vital addition to the literature on a subject with a fast-rising profile.

This is a hands-on book about ArcGIS that you work with as much as read. By the end, using Learn ArcGIS lessons, you'll be able to say you made a story map, conducted geographic analysis, edited geographic data, worked in a 3D web scene, built a 3D model of Venice, and more.

CD-ROM contains: Book examples -- Third party software -- Product registration -- Book information -- Support information.

SAP BW Data Modeling

Proceedings of the Symposium on Mesozoic and Cenozoic Geology

Exam Ref 70-768 Developing SQL Data Models

8th Annual Conference of the International Association for Mathematical Geology

Scientia Geologica Sinica

Theory, Practice and Research

Landslide Risk Management comprises the proceedings of the International Conference on Landslide Risk Management, held in Vancouver, Canada, from May 31 to June 3, 2005. The first part of the book contains state-of-the-art and invited lectures, prepared by teams of authors selected for their experience in specific topics assigned to them by the JTC-1 Committee. The second part is a selection of papers submitted to the conference, most of which serve as case-history illustrations of projects on landslide risk management. This reference work presents the current status of landslide risk management as viewed by experts from around the world.

Provides a collection of tips on fixing annoyances found in Microsoft Access, covering such topics as performance, security, database design, queries, forms, page layout, macros, and expressions.

Digital Mapping Techniques '03, Workshop Proceedings

1900-1997

Human Dimension and Interior Space