

Building Web Applications with ArcGIS

Build an engaging GIS Web application from scratch using ArcGIS



Building Web Applications With Arcgis Nasser Hussein

Hussein Nasser

Building Web Applications With Arcgis Nasser Hussein:

Building Web Applications with ArcGIS Hussein Nasser, 2014-11-19 If you are a GIS user or a web programmer this book is for you This book is also intended for all those who have basic web development knowledge with no prior experience of ArcGIS and are keen on venturing into the world of ArcGIS technology The book will equip you with the skills to comfortably start your own ArcGIS web development project **ArcGIS By Example** Hussein Nasser, 2015-08-27 Develop three engaging ArcGIS applications to address your real world mapping scenarios About This Book Design build and run ArcGIS applications using ArcObjects SDK Extend ArcGIS objects and use add ins to deploy applications on top of ArcGIS An example centric practical guide to help you understand mapping scenarios with ArcGIS Who This Book Is For If you are an application developer and wish to enhance your skills for the GIS domain with ArcGIS then this book is for you Previous experience with ArcGIS is not required What You Will Learn Use essential ArcGIS code to guery geodatabases Communicate with ArcGIS maps with the help of critical designing and optimisation tips Highlight and interact with objects on your map Query ArcGIS geodatabases with related data to display your information on ArcGIS Edit your underlying geodatabase Explore strategies for the adaptation of various types of spatial analysis techniques into the GIS framework Analyze tools for Geographical Information Systems and remote sensing Experience ArcGIS s advanced tools for manipulation of shapefiles and geodatabases In Detail ArcGIS is a geographic information system GIS for working with maps and geographic information It is considered the turnkey solution to creating and sharing interactive maps ArcGIS is designed to work the way you work With nothing to install and set up ArcGIS helps you make your work productive from day one The book covers the design and development of three ArcGIS applications to guide the readers in crafting their own GIS solution as per their requirements The book begins by giving you a refresher on the concepts of ArcGIS Without wasting any time you ll begin with developing your first ArcGIS application You will be developing a cell tower analysis tool Following this you will be guided through mapping signal strength and real time manoeuvring in your GIS system You will then move on to the second application of the book a restaurant mapping system The application will allow tourists to browse restaurants on a map according to their preferences Next you will learn how to work with reviews and ratings and also cover some of the advanced searching options offered by ArcGIS You will then make use of advanced ArcObjects to develop your third application an excavation planning manager The book will conclude by teaching you how work out excavation cost calculations and also saving and retrieving your excavation designs Style and approach The book offers an enhanced way of learning ArcGIS through the design and development of three applications throughout its length In addition to this the book also covers features that you can add to your application as you develop each one covered in the book Mastering OGIS Kurt Menke, GISP, Dr. Richard Smith Jr., GISP, Dr. Luigi Pirelli, Dr. John Van Hoesen, GISP, 2015-03-30 If you are a GIS professional a consultant a student or perhaps a fast learner who wants to go beyond the basics of QGIS then this book is for you It will

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Developing Mobile Web ArcGIS Applications Matthew Sheehan, 2015-02-27 This guide is invaluable to those just starting out with GIS development but will also benefit GIS professionals wishing to expand their development skills to include mobile apps **ArcGIS Blueprints** Eric Pimpler, 2015-12-22 Explore the robust features of Python to create real world ArcGIS applications through exciting hands on projects About This Book Get to grips with the big world of Python add ins and wxPython in GUI development to implement their features in your application Integrate advanced Python libraries

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technology If you are a GIS user analyst DBA or programmer with a basic knowledge of ESRI GIS then this book is for you Learning ArcGIS Geodatabases Hussein Nasser,2014-06-25 This is a solution based book showcasing the real power of ArcGIS Geodatabase by following a real world example based approach This book is aimed at geospatial developers who want to work with ArcGIS geodatabases as well as manage them Having knowledge of building a geodatabase from scratch isn t a must Learning ArcGIS Geodatabases is ideal for those who want to use ArcGIS geodatabase for the first time or for those who want to migrate from their existing legacy database to a geodatabase

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