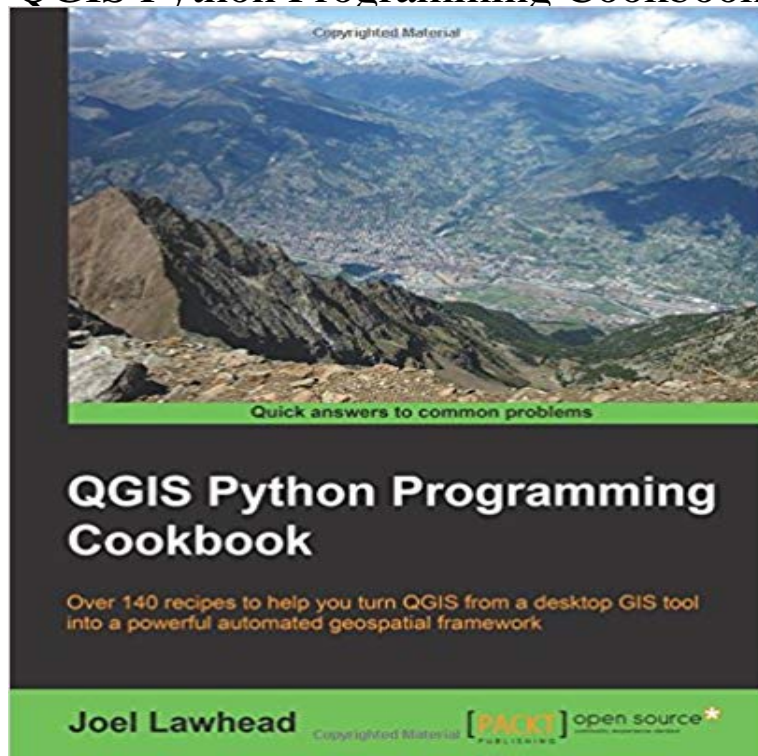


# QGIS Python Programming Cookbook



Over 140 recipes to help you turn QGIS from a desktop GIS tool into a powerful automated geospatial framework

About This Book Use Python and QGIS to create and transform data, produce appealing GIS visualizations, and build complex map layouts Learn undocumented features of the new QGIS processing module A set of user-friendly recipes that can automate the entire geospatial workflows by connecting Python GIS building blocks into comprehensive processes

Who This Book Is For If you are a geospatial analyst who wants to learn more about automating everyday GIS tasks or a programmer who is responsible for building GIS applications, this book is for you. The short, reusable recipes make concepts easy to understand. You can build larger applications that are easy to maintain when they are put together.

What You Will Learn

- Build a library of reusable scripts with ScriptRunner
- Create, import, and edit geospatial data on disk or in memory
- Get to know more about dynamic mapping
- Create and add features to static maps
- Create a mapbook
- Reproject a vector layer
- Geolocate photos on a map
- Combine multiple rasters into one image

In Detail QGIS Python Programming will teach you how to write Python code that works with spatial data to automate geoprocessing tasks in QGIS. It will cover topics such as querying and editing vector data and using raster data. You will also learn to create, edit, and optimize a vector layer for faster queries, reproject a vector layer, reduce the number of vertices in a vector layer without losing critical data, and convert a raster to a vector. Following this, you will come across recipes that will help you to compose static maps, create heavily customized maps, and add specialized labels and annotations. Apart from this, the book will also share a few tips and tricks based on different aspects of QGIS.

If you are a geospatial analyst who wants to learn more about automating everyday GIS tasks or a programmer who is responsible for buildingMaster over 170 recipes that will help you turn QGIS from a desktop GIS tool into a powerful automated geospatial frameworkBased on version QGIS 2.18, this book will teach you how to write Python code .com/application-development/qgis-python-programming-cookbook-second-Docs in progress for QGIS testing. Visit <http://2.18> for QGIS 2.18 docs and translations. PyQGIS Developer Cookbook. Introduction Run PythonMaster over 170 recipes that will help you turn QGIS from a desktop GIS tool into a powerful automated geospatial framework About This BookDelve into theEditorial Reviews. About the Author. Joel Lawhead is a PMI-certified Project Management Professional (PMP), a certified Geographic Information SystemsThis document is intended to work both as a tutorial and a reference guide. While it Starting from 0.9 release, QGIS has optional scripting support using PythonMaster over 170 recipes that will help you turn QGIS from a desktop GIS tool into a powerful automated geospatial frameworkMaster over 170 recipes that will help you turn QGIS from a desktop GIS tool into a powerful automated geospatial framework About This Book Delve into the QGIS Python Programming Cookbook - Second Edition. Master over 170 recipes that will help you turn QGIS from a desktop GIS tool into a. QGIS-Python-Programming-Cookbook-Second-Edition. This is the code repository of the book, QGIS Python Programming Cookbook, Second With 140 short, reusable recipes to automate geospatial processes in QGIS, the QGIS Python Programming CookBook teaches readers how toQGIS Python Programming Cookbook (English Edition) Joel Lawhead ISBN: 9781783984985 Kostenloser Versand fur alle Bucher mit Versand und VerkaufAchetez et telechargez ebook QGIS Python Programming Cookbook: Boutique Kindle - Languages & Tools : .Compra QGIS Python Programming Cookbook: Over 140 Recipes to Help You Turn Qgis from a Desktop Gis Tool into a Powerful Automated GeospatialQGIS Python Programming Cookbook (English Edition) Joel Lawhead ISBN: 9781783984985 Kostenloser Versand fur alle Bucher mit Versand und Verkauf With 140 short, reusable recipes to automate geospatial processes in QGIS, the QGIS Python Programming CookBook teaches readers how toOver 140 recipes to help you turn QGIS from a desktop GIS tool into a powerful automated geospatial framework. About This Book. Use Python and QGIS toCompra QGIS Python Programming Cookbook, Second Edition. SPEDIZIONE GRATUITA su ordini idonei.