Oracle Spatial Studio: Fast and Easy Spatial Analytics and Maps

Carol Palmer Sr. Principal Product Manager
Carol.palmer@oracle.com

LJ Qian, Director, Software Development
Lj.qian@oracle.com
Helpful Links

ORACLE SPATIAL STUDIO
https://www.oracle.com/database/technologies/spatial-studio.html

ORACLE SPATIAL STUDIO DOWNLOADS

GET STARTED WITH ORACLE SPATIAL STUDIO
https://www.oracle.com/database/technologies/spatial-studio/get-started.html

ORACLE SPATIAL STUDIO FAQ
https://www.oracle.com/database/technologies/spatial-studio/faq.html

ORACLE SPATIAL STUDIO GUIDE
https://docs.oracle.com/en/database/oracle/spatial-studio/

ORACLE AUTONOMOUS DATABASE
Analytics and Data Summit
All Analytics. All Data. No Nonsense.
February 25-27, 2020
Oracle campus in Santa Clara, CA

Formerly called the BIWA Summit with the Spatial and Graph Summit
Same great technical content...new name!
www.AnalyticsandDataSummit.org
Agenda

• What is Spatial Studio?
• Demo
• Functionality
• License
• Technical Requirements
• Get Started
What is Spatial Studio?

• Self service app to make it easy to use spatial features in Oracle D/B
  – Designed for business user with no GIS or Spatial knowledge
  • No code environment

• Simplify
  • Prepare data for Spatial (i.e. address geocoding)
  • Access Spatial analysis operations
  • Create Spatial visualizations
  • Share results
  • Integrate through REST
Oracle Spatial Studio

Spatial Analytics and Maps. Fast and Easy.

Oracle Spatial Studio is a self-service web application that makes it easy for users to create interactive maps and perform spatial analysis on their business data.

Get Started with Oracle Spatial Studio → Download Oracle Spatial Studio →

What's New

Demo: Oracle Spatial Studio (11:00)
FAQ: Oracle Spatial Studio
Presentation: Oracle Spatial and Graph in Oracle Database 18c (PDF)
Functionality

Data

• Access content from Oracle Database
• Load local files (shapefiles, spreadsheets, GeoJSON*)
• Geocode addresses
• Create longitude/latitude index
• Export as CSV, GeoJSON
• Pre-cache vector tiles

*upcoming
Functionality

Projects

• Combine datasets
• Create and configure visualizations
• Perform spatial analysis operations
• Save and share results
Functionality

Developer

• Access analysis SQL
• Integrate published project as web content
• Access datasets and analyses via REST
Functionality

Administration

• Console UI
• Configure proxy
• Configure geocoding service endpoint
• View system status and logs
• Deeper admin outside UI i.e. WLS Console
License

Included with all Autonomous Database subscriptions that include Spatial & Graph Option

• Autonomous Data Warehouse
• Autonomous Transaction Processing
• Oracle Database Cloud Service High Performance Edition
• Oracle Database Cloud Service Extreme Performance Edition
• Oracle Database Exadata Cloud
• Oracle Database Exadata Cloud at Customer
• Oracle Database Enterprise Edition with Spatial and Graph Option
Technical Requirements

- Oracle Database 12.2+ (requires a database connection)
- Studio repository database must include Spatial and Graph
- WebLogic 12.2.1.3+
- JDK8 only – 64 bit (update 181 or later)
- Browser with WebGL enabled
- Public internet connection to access background map styles of OpenStreetMap
Get Started

Quick Start

• Java application for trial, development and testing purposes at no cost
• Comes pre-deployed. Download, unzip, and run
• Use with free Oracle Database 18c Express Edition

Java EE Deployment

• Download Java EE EAR file from Oracle Service Delivery Cloud or Oracle Technical Resources
• Planned quarterly releases

Download

The Spatial & Graph SIG User Community

We are a vibrant community of customers and partners that connects and exchanges knowledge online, and at conferences and events.

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tinyurl.com/oraclespatialcommunity

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