



ANALYTICS AND DATA

TechCasts

Oracle Spatial Studio: Fast and Easy Spatial Analytics and Maps

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Helpful Links

ORACLE SPATIAL STUDIO

<https://www.oracle.com/database/technologies/spatial-studio.html>

ORACLE SPATIAL STUDIO DOWNLOADS

<https://www.oracle.com/database/technologies/spatial-studio/oracle-spatial-studio-downloads.html>

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

<https://www.oracle.com/database/autonomous-database.html>



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

<https://www.oracle.com/database/technologies/spatial-studio.html>

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Oracle Spatial Studio

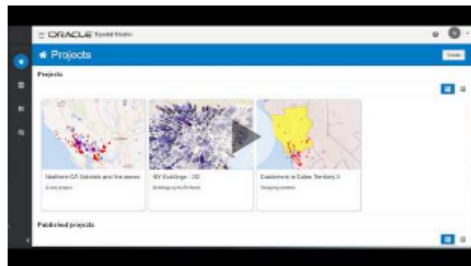


Spatial Analytics and Maps. Fast and Easy.

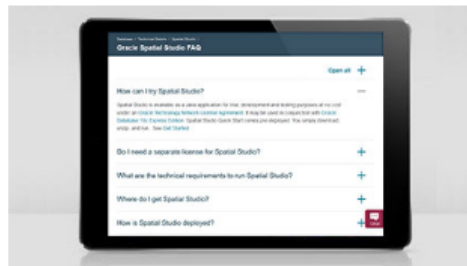
Oracle Spatial Studio is a self-service web application that makes it easy for users to create interactive maps and perform spatial analysis on their business data.

[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 19c (PDF)

DEMO

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

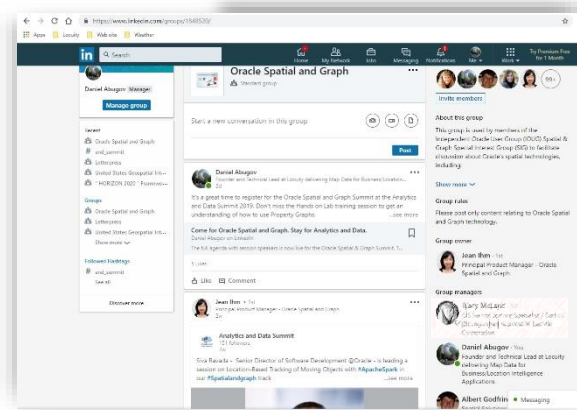
- Download Java EE EAR file from Oracle Service Delivery Cloud or Oracle Technical Resources
- Planned quarterly releases

Download

- <https://www.oracle.com/database/technologies/spatial-studio/oracle-spatial-studio-downloads.html>

The Spatial & Graph SIG User Community

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