Manifold SQL for ArcGIS Pro v9.0.181 for Win x64

2025-01-18 23:55:25



SQL in ArcGIS Pro makes it easy for ArcGIS Pro users to enjoy the power of real SQL. This add-in gives the full SQL abilities when you work within ArcGIS Pro with vector layers derived from mobile geodatabases GPKG and SQLite layers. It also offers an Advanced mode that allows you to use SQL along with numerous other data sources such as GeoTIFFs, shapefiles and rasters, and a variety of other formats of data and file sources.

SQL for ArcGIS(r) Pro is an add-in for Esri's ArcGIS(r) Pro. SQL to ArcGIS Pro is often called SQL or sql4arc, which is short for.

SQL compatible with ArcGIS(r) Pro now supports ArcGIS(r) Pro 3.0 and the latest version! Use the most recent Cutting Edge installation to get ArcGIS Pro 3.0 support.

SQL is powered by a variant that uses the Manifold(r) Release 9 spatial engine, which has been modified to provide unique capabilities for ArcGIS Pro. The add-in runs completely parallel, both GPU and CPU parallel, and contains many spatial SQL functions for rasters, vectors, and attributes data.

While the primary purpose of SQL for ArcGIS Pro is to provide SQL for vector layers that are derived from geodatabases that are file-based, mobile-based, and GPKG and SQLite layers which have been integrated into ArcGIS Pro, the ArcGIS Pro project, the add-in offers a variety of additional Manifold capabilities that can be used in Advanced mode, but are not entirely to be integrated with ArcGIS Pro. for instance, Advanced mode provides access to point-and-click dialogs which harness the capabilities of SQL without having to write queries, and also advanced transform, selection editing, and visualization capabilities.

In the future, Manifold plans to custom-tailor the development of other features to provide a more user-friendly experience when using ArcGIS Pro. While we wait through Manifold's Advanced mode, users who want to look beyond SQL can take advantage of Manifold's many features in the way they can.

This document covers SQL-specific features and the most pertinent associated features from the first SQL in the ArcGIS Pro chapter. Other features not directly relevant to the use of SQL are discussed in chapter Advanced chapter.

Esri users now have access to the top spatial SQL as an addition to the world's top desktop GIS software. SQ is a new add-in for ArcGIS(r) Pro is a new add-in to Esri's ArcGIS(r) Pro desktop GIS. This add-in can provide geospatial SQL that can be used to query Esri file geodatabases and mobile geodatabase, as well as other data sources within the ArcGIS Pro project, with tight integration with ArcGIS Pro.
The SQL version of ArcGIS Pro supports ArcGIS Pro 2. x and the latest ArcGIS Pro 3.0 release! Get the most recent Cutting Edge installation for ArcGIS Pro 3.0 support.

In default, ArcGIS Pro is missing 95 percent of SQL. The latest add-in fills in those missing 95% allowing the ability to read and write spatial SQL.

The add-in boosts ArcGIS Pro with the world's most powerful desktop spatial SQL engine, the automated CPU parallel, and the GPU Parallel Radian(r) engine. It allows you to unleash the power of SQL right from the ArcGIS Pro desktop. It offers fully-featured SQL and superior quality and the fantastic acceleration of parallel processing and GPU SQL execution, all backed by thousands of SQL functions that meet your every need in the spatial world.

In Advanced mode, the add-in can run spatial SQL using hundreds of database formats, file formats, web servers, and other data sources not included in ArcGIS Pro. Fast data storage integrated into the add-in makes it easy to integrate massive information from outside of an ArcGIS Pro project with data within the project.

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标签

Database Tools

It's completely automatic and built-in. You are not required to download, install and manage a cumbersome enterprise DBMS to enjoy real SQL with massive capacities and speeds. Install and load SQL to ArcGIS(r) Pro in less than five minutes. Then, immediately experience SQL power that blows away outdated, non-parallel spatial applications.

Manifold SQL for ArcGIS Pro Great Features:

- **REAL SQL to File GDB** Enjoy fully-featured, spatial SQL with geodatabases for files.
- **No DBMS is required.** Get complete SQL on your desktop without the hassles and inconveniences of installing, loading, and maintaining an additional DBMS.
- **Autoconnect at the launch** Autoconnects automatically to mobile geodatabases, the GPKG or SQLite layers used within ArcGIS Pro. ArcGIS Pro application. There is no manual configuration required.
- **Current** Utilize the most recent technology today: SQL for ArcGIS Pro is a 64-bit program that works in the GPU and CPU in parallel to, supporting **Windows 11** and Windows 10 today.
- **supports ArcGIS(r) 3.0** - SQL for ArcGIS(r) Pro supports **ArcGIS(r) Pro 2. 2.x** and the latest **ArcGIS(r) Pro 3.0** release! Use the most recent Cutting Edge installation for ArcGIS Pro 3.0 support.
- **Way More Speedier** You can do in just a few seconds what could take hours with SQL to ArcGIS Pro. Its processing power, and GPU concurrent SQL, are usually quicker than scripting in ArcPy or programming with C++. You can trust that you get the most speeds you can achieve when you use SQL.
- **SQL for all Data Sources** - Enjoy real spatial SQL with hundreds of databases, file formats, and other data sources in Advanced mode, including Esri enterprise geodatabases, personal geodatabases, and geodatabases for files.
- **SQL using Combined Data Sources** - Write SQL that, using one query, integrates information from multiple Esri enterprises or other geodatabases as well as hundreds of other formats of data database, data, or sources and provides outstanding support for the most popular DBMS servers such as Oracle, SQL Server, MySQL PostgreSQL/PostGIS DB2 and desktop files such as Access, Excel, GPKG and SQLite. Create a SELECT INTO that draws information from shapefiles and SQL Server, joins that with the data of one of the Oracle enterprise geodatabase, and creates an entirely new feature class within an existing geodatabase using the result. Su er!
- **Compatible with All** Written SQL which can be used on all data sources; there's no requirement to learn distinct SQL for each data source. Use a DBMS client's native SQL to do the same. Data from a Google Sheets cloud-stored spreadsheet table with a feature layer is stored in the local GDB. GDB. SQ is always in sync using all data sources.
- **Server Side and client-side** - Blend your local SQL with native server-side SQL within the same query. For instance, you can execute the server-side SQL within Oracle to break down a massive table to the relevant results. Then, you can examine those records using GPU for parallelized SQL functions within the client-side SQL to use ArcGIS Pro.
- **For every JOIN** to use real SQL, you'll need ALL JOINS: SQL for ArcGIS Pro includes every one of the SQL statements, including clauses, aggregates, operators, and data types that you require, including statements such as ALTER, DROOP UPDATE, and other options, including the most important one, the SELECT (with each of the aggregates as well as other clauses like COLLECT SPLIT, DISTINCT, INTO) and all the different JOBINS (JOIN INNER JOIN LEFT JOIN and FULL JOIN as well as LEFT OUTER JOIN, etc.) WHERE, GROUP by, ORDER BY, UNION EXCEPT, INTERSECT, and numerous others.
- **Street Smart Connections to DBMS** - hundreds of SQL functions for rasters, vectors, and attribute data offer high-performance solutions to real-world tasks, such as transforms to coordinate systems and many other valuable functions.
- One-Click Access to Humanitarian data The One Click Access to Humanitarian Data SQL for ArcGIS Pro is the easiest, fastest, and most reliable method to import information into ArcGIS Pro that has been collected with data collected using the KoBo Toolbox standard for field data collection. You can create an active link directly to KoBo servers by clicking on Kobo's inbuilt Kobo data port, providing instant updates on new projects and actualized data. Data is collected in the field and pasted straight into Esri geodatabases or your company's Enterprise DBMS servers. Koo is the global standard employed by many organizations for the quick collection of reliable data during a crisis in human rights or any other demanding setting.
- **Many Functions that can be used with GIS** - Various SQL functions for rasters, vectors, and attribute data offer efficient solutions to real-world tasks, such as transforms to coordinate systems and other valuable functions.
- **Each of the Coordinate Systems** in HTML0 SQL for ArcGIS Pro knows all the coordinate systems available in the current EPSG database and thousands of more options for customizing coordinate systems. SQ automatically supports high-accuracy transforms with NADCON, NADCON 5, HARN, HPGN, and NTv2, as well as more than 170 grid files available at no cost.
- **The Parallel Speed** Parallel Speed SQL to ArcGIS Pro automatically runs CPU and GPU in parallel. You can use the standard SQL run by the program, and it will automatically parallelize it to run on dozens of CPU cores and possibly many thousands of GPU cores. Sp trials SQL is parallelized to provide high-speed performance, combining CPU and GPU parallelism. Am zing!
- **Ultra-fast internal data store** and SQL for ArcGIS Pro can manage over one terabyte worth of data locally in SQL's robust, fully parallel data storage. This lets you split massive, complicated queries into segments, creating intermediate results within the add-in's data store. The query result is sent via the SELECT INTO, INSERT or UPDATE back to slower data stores, like FGDB. Breaking big queries into smaller pieces is much easier to comprehend and debug and examine intermediate results to verify the process. Also, you can create indexes for intermediate tables to achieve better performance. You can run massive SQL operations in hyper-fast parallel data storage to get the fastest speed and with more extensive data.
- **Big Data** Manage hundreds of GB of data - opt for Terabyte information on your desktop computer.
- **More accessible for use** - Take advantage of hundreds of point-and-click transformations and powerful SQL functions captured by geoprocessing tools for point-and-click. Use straight SQL or use point-and-click dialogues, or mix both.
- **Improved Data Science** - More advanced DBMS and SQL to improve data science.
- **Easy Workflow,** The simple Workflow of HTML0 SQL is much easier to master, less complicated to use, and less prone to errors than ArcPy scripts. A few lines of SQL can ofteno replace pages of Python scripts.
- **Advanced Mode** - Experience the thousands of SQL and other functions with Advanced mode, which includes the ability to add and click on accessory dialogs, vast analytical capabilities using rasters and vectors, Georeferencing,

georeferencing, and more.

- **Agility** Accelerate performance and lower complexity lets you integrate changes to the demands for data and analytics quicker and more effectively. Improve your company's agility instead of wasting time trying to figure out the complex scripting requirements or the limitations of canned dialogues.
- **No paywalls.***Every feature* is included and integrated at $145. There are thousands of features to choose from, and you never need to purchase any additional features.
- **No complexities,** No Problems SQL for ArcGIS Pro is a professional software developed from scratch by a full-time, professional team with over 25 years' of experience in parallel programs and SQL. It comes with everything in a unified, highly orthogonal program that will save you time and money. There's no requirement to be able to use a patchwork of outdated, third-party programs to perform the functions that should be included in the add-in as well as you don't have to be playing software developer, attempting to write code that is bug-free in Python to use the features that SQL can provide. ArcGIS Pro delivers instantly with one click.
- **Speedy Download** A small installation with only **75MB** to allow a fast and simple download.
- **Simple Installation** A single-click Windows Installer package that automatically sets up ArcGIS Pro to launch the add-in.
- **Mobile Option** Optional, simple-to-use portable installation for more advanced users. Su er convenient!
- **Professional Documentation** Numerous videos offer an easy and quick to get started. A beautifully filled web-based **user manual** created by full-time skilled technical writers that cover all the details in SQL to ArcGIS Pro with numerous step-by-step examples.
- **Community driven** A very active user community is the driving force behind the software, and it releases new versions every two weeks, adding hundreds of features every month. The only other tool in the field of spatial engineering is as close to community-based requests.
- **Highest quality** Enjoy superior quality, with virtually no bugs and outstanding reliability. Bugs don't accumulate; they are removed within one or two days. You don't need to sign an annual maintenance contract because Bug fixes are always free.

版本列表

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