Release Guide

GeoMedia GI Toolkit 2022

Version 16.7
21 October 2021

Contents

About This Release

This document describes the enhancements, fixes, and system requirements for GeoMedia GI Toolkit 2022.

This release includes enhancements, fixes, and compatibility with GeoMedia Desktop 2022. For information on new features, see the New Technology section. For information on fixes, see the Issues Resolved section. For information on hardware and software requirements, see the System Requirements section.

This document is only an overview and does not provide all the details about the product's capabilities. See the online help and other documents provided with GeoMedia GI Toolkit for more information.

GeoMedia® GI Toolkit is a general-purpose set of productivity tools designed to extend the capabilities of GeoMedia Desktop in data capture, data management, and cartographic product generation. It provides capabilities to manipulate features and attributes; provides rule-based validation; controls graphical displays, views, windows, and legends; generates reports; manages data exports; populates attributes and metadata; and clips and merges features.

New Platforms

GeoMedia Desktop

GeoMedia Desktop 2022 is required for this release.

New Technology

General

Licensing

A new product license is required for the 2022 release. The latest Geospatial License Administration tool should be downloaded and used for this release.

View MGRS Location command

This new command replaces the previous MGRS Coordinate Readout command. It toggles on and off the display of the MGRS Location dockable control. The MGRS control provides the same functionality for readout of MGRS and UTM locations, but with additional options for controlling whether readouts occur upon mouse move, upon mouse click, both, or neither (these are similar to the Precision Coordinates control). It also provides MGRS input capability, allowing MGRS locations to be entered in lieu of a mouse click in the map window for any command that receives locations as input, such as Center Map, Insert Feature, or Measure Distance.

System Requirements

Computer/Processor	Any x64-based processor
Memory (RAM)	16 GB or more recommended
Disk Space	1 GB for software Data storage requirements vary by mapping project[1]
Operating Systems[2]	• Windows® 10 (64-bit) • Windows Server® 2016 (64-bit)[2] • Windows Server® 2019 (64-bit)[2]
Peripherals	Software licensing requires an ethernet card
Virtual Server and Virtual App Technology	GeoMedia is a standard Windows application that has been shown to be compatible with a variety of virtualization technologies such as VMware, Hyper-V, VirtualBox, and XenApp. While running GeoMedia in such environments is supported, any problems that uniquely occur in a virtualized environment are considered to be issues with the virtualization software.
Database Servers[6]	• Oracle® Server 12.1 • Oracle® Server 12c (12.2.0.1) • Oracle® Server 18c (12.2.0.2) • Oracle® Server 19c (12.2.0.3) • SQL Server® and SQL Server® Express 2012 • SQL Server® and SQL Server® Express 2014 • SQL Server® and SQL Server® Express 2016 • SQL Server® and SQL Server® Express 2017 • SQL Server® and SQL Server® Express 2019 • Azure SQL Database compatible with SQL Server® 2014, 2016, 2017, or 2019
Database Clients[6]	• Oracle® Client 12.1, 32-bit[3] and 64-bit[4] • Oracle® Server 12c (12.2.0.1), 32-bit[3] and 64-bit[4] • Oracle® Server 18c (12.2.0.2), 32-bit[3] and 64-bit[4] • Oracle® Server 19c (12.2.0.3), 32-bit[3] and 64-bit[4] • SQL Server Native Client 10.0 or higher[5]

System Requirements Notes

[1] Disk I/O is usually the slowest task in geospatial data processing. Faster hard disks improve productivity. Reading data from one disk, writing temporary data to a second disk, and writing data to a third disk improves performance. Disk arrays improve productivity but some RAID options slow performance. Network disk drives are subject to network limitations.

[2] GeoMedia runs on 64-bit systems in 32-bit emulation mode.

[3] Oracle Data Access Components (ODAC) is required if using the Feature Accessor option for Oracle in the PublishIFC utility, or if using the Database Utilities utility to manage an Oracle warehouse. ODAC is typically delivered by the Oracle Client Administrator installer, but not by the Oracle InstantClient installer. ODAC contains many components, of which PublishIFC requires the Oracle Data Provider for .NET, and Database Utilities requires the Oracle Provider for OLEDB.

[4] The SQL Server Native Client 10.0 or higher is needed for the Database Utilities utility to automatically create the correct GeoMedia metadata for date, time, and datetime2 data types when using a SQL Server or SQL Server Spatial warehouse. You may get SQL Server Native Client 10.0 or higher from the corresponding Microsoft websites. If the SQL Server Native Client is not installed on the system, you will need to manually choose Date as the data type from the dropdown combo box for these data types in the Feature Class Properties dialog and set the format properly.

Issues Resolved

Support Ticket	Description
00037156	Setting SchemaRulesSymbols.exe as the default program for .srs files results in an error when double-clicking an .srs file.

Deprecated

The two SQL Express utilities are no longer delivered and not available from the Start menu. They were:

- Custom SQL Express Install
- Manage SQL Express Utility

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