
What's New in Esri® Business Analyst™ 10.3

Software Update

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Contents

Welcome to Esri Business Analyst 10.3.....	3
Overview	3
Software Updates — Business Analyst Desktop.....	4
Software Updates — Business Analyst Server	9

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Welcome to Esri Business Analyst 10.3

Overview

This document provides a summary of the software updates in the Esri® Business Analyst 10.3 Desktop and Esri Business Analyst 10.3 Server software release.

The 10.3 software update is primarily focused on quality improvements within the software. More than 170 bugs were fixed. These included several localization issues.

The Esri Business Analyst 10.3 Desktop software update includes two installations:

- Business Analyst 10.3 Desktop extension for ArcGIS for Desktop
- Background geoprocessing 64-bit

The Esri Business Analyst 10.3 Server software update includes two installations:

- Business Analyst 10.3 Server extension for ArcGIS for Server
- Business Analyst GP tools for server

Note 1

All licensees of Business Analyst Desktop, Basic and Standard, are entitled to an Esri Business Analyst OnlineSM (BAOSM) subscription with 10,000 credits to be used with the ArcGIS for Desktop and ArcGISSM Online entitlement for one user.

This subscription provides two benefits:

- Access to the BAO app (bao.arcgis.com)
- Access to content hosted on ArcGIS Online GeoEnrichmentSM services

The 10,000 credits can be used toward either of these benefits. **End users must contact Esri Customer Service to acquire their BAO subscription and 10,000 credits entitlement.**

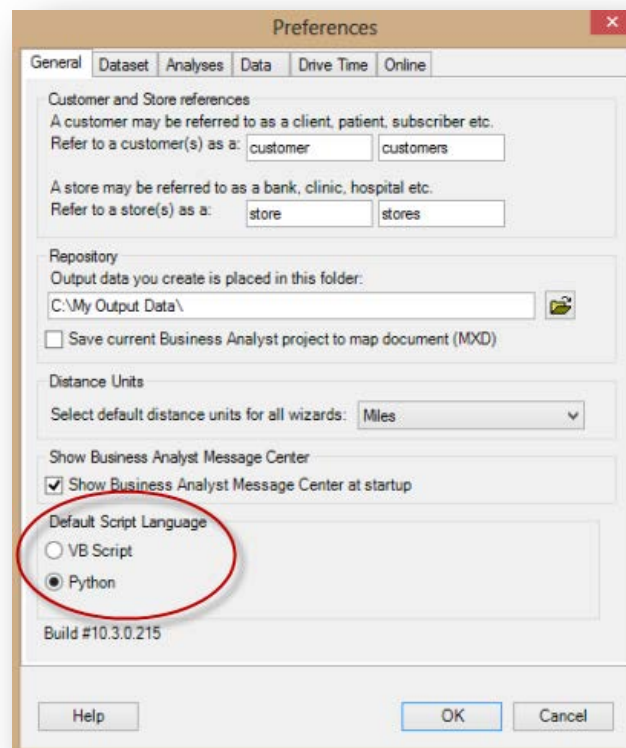
Note 2

The 10.3 software update does not contain any data updates. Information regarding data content updates can be found in the What's New section specific to that dataset.

Software Updates — Business Analyst Desktop

The 10.3 software update for Business Analyst Desktop is for use with ArcGIS 10.3 for Desktop.

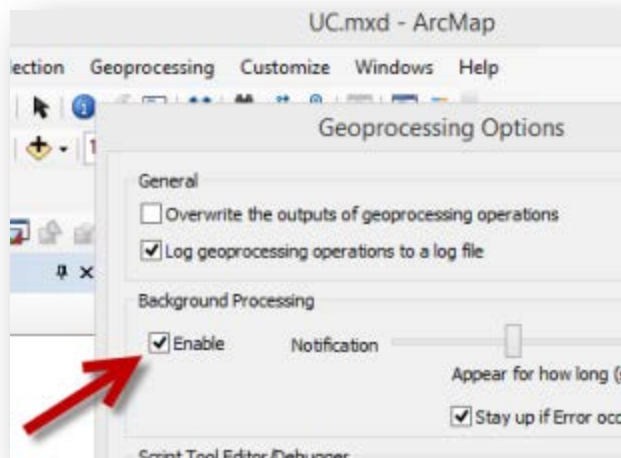
- **Python support for summarization scripts** — Now you can create custom variable summarizations using Python script. This option is accessed through Business Analyst Preferences. (Choose Python or VB Script)



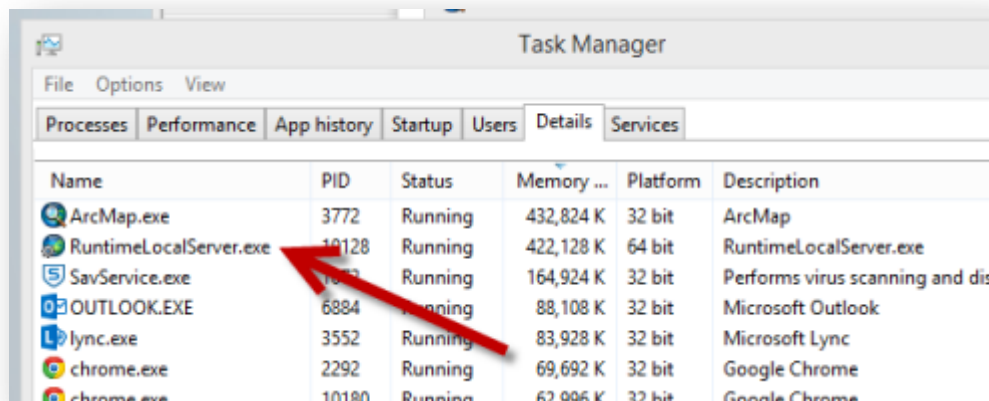
- **Background geoprocessing (64-bit)** — To support faster processing of large, memory-hungry processes, this release includes a separate installation to enable 64-bit background geoprocessing with Business Analyst tools.

Utilizing 64-bit background geoprocessing is easy. When in ArcMap™, select Geoprocessing > Geoprocessing Options; under Background Processing, ensure that the Enable checkbox is checked.

After that, you can use your Business Analyst geoprocessing tools like you normally would. There is no discernible difference between 32-bit and 64-bit processes in the actual ArcMap application.

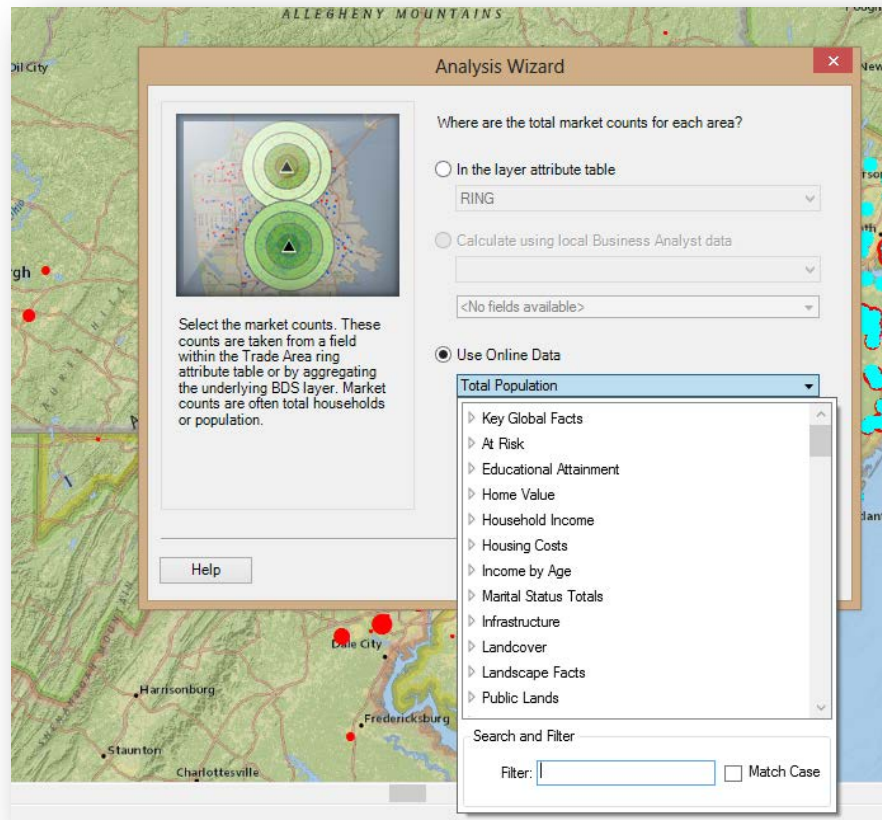


To view a background GP process, you can run a task, and then open the system Task Manager to view it happening. The example below shows a RuntimeLocalServer.exe 64-bit task executing separately from its 32-bit ArcMap counterpart. Here the 64-bit process has been broken off and freed almost a half GB of memory.

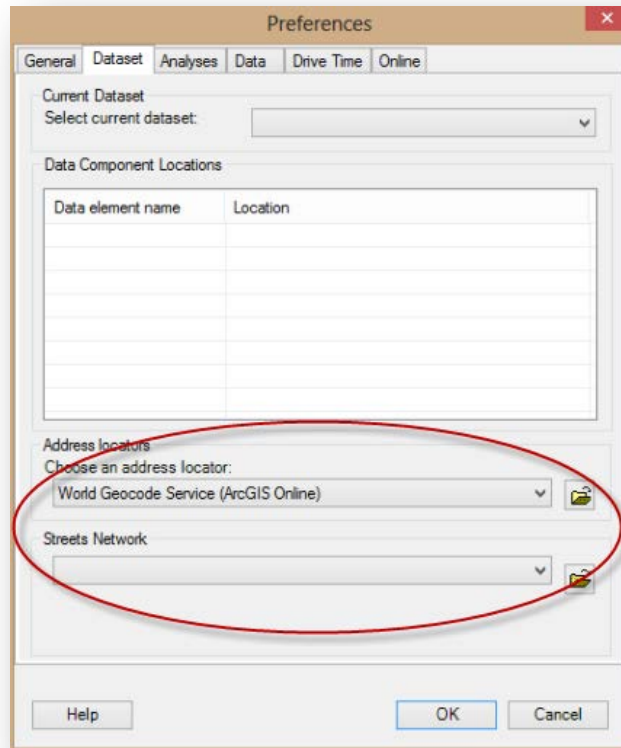


You can learn more about background geoprocessing in the ArcGIS Help: <http://desktop.arcgis.com/en/desktop/latest/analyze/executing-tools/64bit-background.htm>

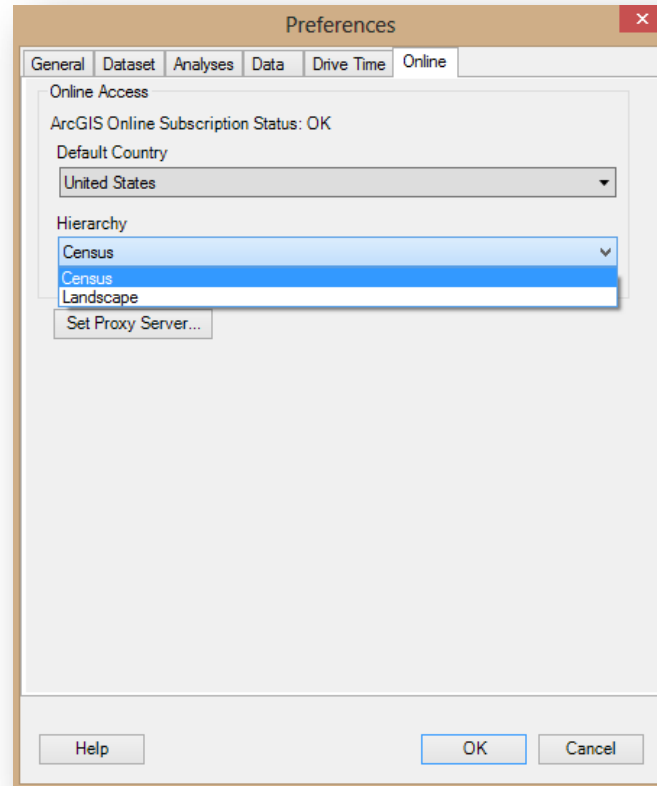
- **More connectivity to Esri's GeoEnrichment Services** — In a continued effort to enable connectivity to content from Esri's GeoEnrichment services, this release of Business Analyst Desktop enables Distance Decay wizard access to online content.



- **More enabled features when a local dataset is not present** — The following options and settings are now enabled when a local dataset is not installed locally. They were previously unavailable without a local dataset installed.
 - Custom data setup
 - The following choices in Business Analyst Preferences:
 - Choose an address locator
 - Streets Network



- **Support for GeoEnrichment hierarchies** — Access to multiple datasets within one hierarchy is now easier. Previously, to access another dataset type within the same country or region, users had to toggle between them, making analysis with data from multiple datasets difficult. Now users simply choose the hierarchy and can access all datasets within that hierarchy.



Software Updates — Business Analyst Server

The 10.3 software update for Business Analyst Server is for use with ArcGIS 10.3 for Server.

Esri Business Analyst GP tools for server — Extend the use of geoprocessing tools previously only available to a user at the desktop level.

- Following the ArcGIS model, the Business Analyst GP tools for server enable users to publish GP tools as GP services in a server environment and accessed as a service.