

# integrated marco studio

## Integrated Marco Studio

Integrated Marco Studio is a suite of Knowledge Management solutions aimed at alleviating issues that typically arise when overseeing spatial data on an enterprise system. These solutions offer various methods of deployment and functionality and may be used individually or altogether for a full health and data integrity assessment of the system.



### Marco Desktop

Marco Desktop is a rebranding of our long-standing Repoint and Repath (RnR) toolkit. It retains much of the functionality founded in RnR, aiding in the resolution of path reference discrepancies and broken data sources in a local ArcGIS environment caused by moving or deleting associated Map Documents (MXD) and Layer Files (LYR). This toolset is available as an ArcGIS Add-In, operational as either a toolbar or toolbox in both ArcMap and ArcCatalog. It features 20+ specialized tools with options to specify the location in which data is housed, such as a Folder or Table. These tools allow for inventorying data, remapping correct path references, modifying files, and editing metadata.



### Flexible Workflows

Marco Desktop provides help in nearly every aspect of the reparation process. From generating heat maps to identify the location, status, and availability of files to creating Tables highlighting the correct path references for broken data sources, the tools allow a streamlined approach to what could be an overwhelming workflow.

The tools also create a methodology that allows the user to more quickly resolve these issues. By using a Remap File – a spreadsheet containing a mapping of broken data sources to fixed sources – in conjunction with the specified tools, broken data can be fixed quickly and efficiently.

### Marco Commander

Marco Commander is the server-side solution to the Knowledge Management practice present in its Desktop component. This solution is designed specifically for parallel processing, fully utilizing the resources of server-class machines. It supports multiple installations on multiple machines, consuming a central index and central controller for managing jobs, tracking changes, and providing common access to gathered data. Marco Commander is a command-line application that inspects the available computing resources to maximize resource utilization. Even though the application will make reasonable guesses at resource utilization, the user has full control over the number of workers or processes to be run in parallel.

### Enterprise GIS Analytics

Marco Commander goes a step further by offering aid in health check, redundancy issues, and tuning processes. It generates output detailing dataset type, map extents, data reference importance, data complexity, staleness, and other assets. In addition, it can capture definition queries, symbology columns for sources, and track Map Document and Layer open times, helping to find slow files.



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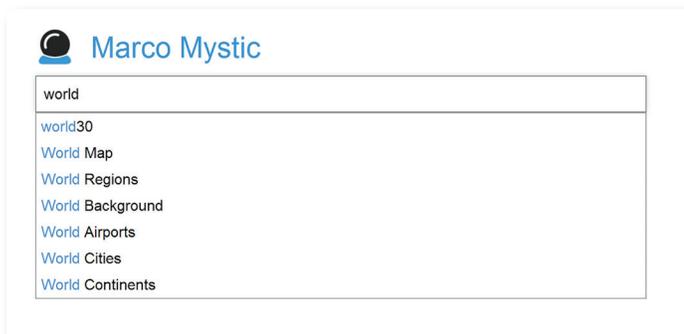
## Marco Mystic

Marco Mystic, the web-based component of this Knowledge Management suite, brings enterprise search and discovery to a familiar web interface. This application facilitates the exploration of an enterprise network, quickly searching multitudes of data across an organization. Mystic allows for the viewing of Marco Commander results as well as inventory processing outside of a strict command-line environment.

Marco Mystic offers a user-friendly interface for performing search of spatial data inventories – quickly combing through Layer Files, Map Documents, and metadata to discover the health of such files, their connections to one another, and producing metrics for evaluation are just the start of what can be accomplished.

## Marco Palette

Marco Palette provides a clean interface to access shared and corporate Layer Files from a single location, regardless of where they are saved or managed. It provides a quick-look of the datasets, important metadata for each Layer File, contact details, and search and filter abilities based on keywords and the area of interest. Centrally configured, Marco Palette is a great enhancement to ArcGIS to provide a single view of all the data and metadata across your organization.



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