Megaladata File: Import Component

Use this component to import a table from a Megaladata (MGD) file.

Megaladata optimizes the `.mgd` proprietary file format for maximum read and write speed. The file stores field settings, which simplifies the import process.

Ports

Input

- Control variables (optional port): Accepts variables that set configuration wizard parameter values.

Output

- **Dataset**: Outputs the result table.

Configuration wizard

Specify or review the following parameters:

- **File name**: Enter the path to the file for a local connection, or the file name for a folder connection. Click ... **Select** to open the file selection dialog.
- **Compression**: Displays the compression method the system used when creating the MGD file:
  - No compression
  - LZO
  - LZ4
- **Bitness**: Displays the bit depth of the source file: 64 or 32 bits.
- **Checksum**: Displays checksum information for file compression:
  - **Compressed data**: The system records the checksum of compressed data after each block.
  - **Compressed and uncompressed data**: The system records the checksum of compressed data after each block, and records the checksum of all uncompressed data at the end of the file.
  - **No**: No checksum.

- **Verify checksum**: Select this checkbox to enable checksum verification when the file contains a checksum. This prevents silent data corruption and access violation errors if any process damages the file. Reading *decreases in speed by 2%* when the checksum covers compressed data only, and *up to 7%* when both checksum types are present. The system enables this option by default.

Read on: XML File: Import Component