

SOFTWARE REQUIREMENTS

OPERATING SYSTEMS AND SYSTEM SOFTWARE COMPONENTS

- Windows Server 2012 R2 64 bit, Windows Server 2016
- CentOS 7.3 (for Linux installations)
- Google Chrome, Internet Explorer 11, Microsoft Edge, Mozilla Firefox

FEATURES AND FUNCTIONS

A BROWSER-BASED PLATFORM OFFERING TEAM-DRIVEN DATA PREPARATION AND A CENTRALIZED DATA MARKETPLACE TO SPEED COLLABORATION AND DRIVE GOVERNANCE ACROSS THE ENTERPRISE

- Quickly and easily extract information from both relational and multi-structured data sources (e.g., XML/JSON, HTML, delimited text, PRN) and all major databases into orderly rows and columns
- Open workspaces saved directly from Data Prep Studio to the Monarch Swarm library, a local environment, or shared by other users for subsequent data preparation and analysis
- Perform report trapping, a signature Monarch Classic feature, to extract specific data from report files
- View workspace and table information, including all input data sources, data preparation operations applied, published tables, exports, and schedules, prior to working with these objects
- Perform various data preparation operations to clean and prepare data for further analytics
- Create users and add them to groups with access permissions to secure and protect shared and curated resources
- Connect users and allow them to follow the activities of peers over several environments by adding comments to workspaces
- Prepare exports and schedule their execution to leverage prepared data for several tasks with native support for several popular visualization and advanced analytics tools
- Socialize data use by sharing and liking objects, subscribing to them and other users, and following users; popular items are rated and recommended to others based on social interactions and usage patterns. Common data source actions are suggested via the application's built-in machine learning capability.

AUTOMATION

AUTOMATE EXPORT AND DISTRIBUTION PROCESSES

- Automate data extraction and export operations by scheduling processes to run at predetermined times and frequencies. Integration with Datawatch Automator also available.
- Extend Data Prep Studio's capabilities with Monarch Swarm to bridge the gap between the ease-of-use and agility business users demand and the scalability, automation, and governance needed by IT.

DATA CONNECTIVITY

ACCESS DATA VIA THE FOLLOWING CONNECTIONS

- Text
 - Delimited Text
 - XML/JSON
 - HTML
 - Monarch Files
- Database
 - Salesforce
 - Google Analytics
 - MS Access
 - MS Excel
 - MySQL
 - Monarch Server – Content
 - PostgreSQL
 - Splunk
 - Google Adwords
 - JDBC
 - Oracle
 - SQL Server
 - Netsuite
 - Custom
- Big Data Sources
 - Amazon Redshift
 - Hadoop Hive
 - MongoDB
 - IBM Cloudant
- Web
 - Odata

Connections to many other database types can be created through a simple interface.

DATA EXPORT AND DISTRIBUTION

GENERAL EXPORT OPTIONS

- Microsoft Excel, Access
- Delimited- and fixed-text formats
- External connections, Amazon S3

VISUALIZATION TOOLS

- Tableau Server
- IBM Watson Analytics
- IBM Cognos Analytics

OTHER EXPORT OPTIONS

- SQL Server
- Oracle
- PostgreSQL
- Amazon S3

SALES INFORMATION

For more information regarding Monarch Swarm and Data Prep Studio, contact Datawatch Sales at sales@datawatch.com.