



Getting Started Guide Classifier Reporting

May 2021



Copyright Terms and Conditions

Copyright Help/Systems LLC and its group of companies.

The content in this document is protected by the Copyright Laws of the United States of America and other countries worldwide. The unauthorized use and/or duplication of this material without express and written permission from HelpSystems is strictly prohibited. Excerpts and links may be used, provided that full and clear credit is given to HelpSystems with appropriate and specific direction to the original content. HelpSystems and its trademarks are properties of the HelpSystems group of companies. All other marks are property of their respective owners.

202105260147

Table of Contents

| | |
|---|---|
| About this guide | 4 |
| Create sample event data | 5 |
| Configure DataCreator | 5 |
| Run DataCreator | 5 |
| Load Sample Event Data | 7 |
| Load Sample User Data | 7 |
| Evaluate the Classifier Reporting System | 8 |
| Dashboards | 8 |
| Reports | 9 |

About this guide

This document is intended to help you demonstrate or evaluate a Classifier Reporting Database. It explains and identifies:

- how to use the DataCreator program to create sample windows events
- how to load the events into the database
- a SQL script that processes the data in the database
- a set of dashboards and reports that could be used to demonstrate the sample data

Ensure you have the Classifier Reporting Service installed. See the Classifier Reporting System Guide.

Create sample event data

The Classifier Reporting Services contains DataCreator - a program that generates sample windows events that can be loaded into the Classifier Reporting database. This program is found in C:\Program Files(x86)\Boldon James\Classifier Reporting Services. The DataCreator does not create all the event data that can be generated by Classifier products but is useful for evaluation purposes.

Configure DataCreator

1. Ensure the DataCreator program has access to a published Classifier Configuration to access definitions of labels and policies needed to parse event labels into individual selector values. This enables users of the Classifier Reporting Console to drill-down into labels on dashboards.
2. Define the label marking format used for event labels in the Classifier configuration by the Custom format for 'Classifier Auditing' setting. See the Classifier Administration Guide for more details. To improve the parsing of individual selector values, do not use a <space> for the marking prefix and suffix of selector elements in the marking format.
3. Publish the Classifier configurations to either a local file store or to an Active Directory. The DataCreator program uses the same mechanisms as other Classifier components to access the configuration. The configuration is defined by registry keys that must be established before it is run.
4. Supply registry key values for LabelConfiguration, Policy, ServerFileSystemRoot (if using a fileshare), and ServerRootType. Provide a policy name from your Classifier configuration for the Policy key value. You can use any Classifier policy name from your configuration.
5. Use the Boldon James tracing tool (BJTRACE) to diagnose configuration problems. In particular, trace the following common Classifier libraries:
 - ConfigHelper
 - UIDefinitions
 - BJLabellerLabelFormats
 - RulesEngine
 - BJSettingsEngine
 - BJLabberLabel
 - BJPreDefinedLabels
 - BJLabellerControlLib
 - ConfigManager
 - BJLabellerSpif

NOTE: The DataCreator does not support Service Mode Registry Settings.

Run DataCreator

The DataCreator creates output.xml and output_manifest.xml files. The output.xml file contains sample windows events that can be loaded into the Classifier Reporting Database. The output_

manifest.xml file provides an overview of the generated sample window events.

NOTE: The output_manifest.xml file should be viewed in a XML editor.

1. Go to C:\Programs Files (x86)\Boldon James\Classifier Reporting Services and double-click **DataCreator**.

The number of sample windows events created is determined by:

- the Number of Users
 - the Activities or number of events in a day.
 - the Duration or length of the simulated period.
 - the proportion of each type of events, Document or Email. Management Agent events are not supported.
2. Enter the Originating Domain to set the value of the domain of the user and computer names.

The set of recipient domains of email events are defined by the values in the <Domains> in the file Data.xml in the installation directory.

3. To select labels to be used in the generated sample events, click **Add**. If the DataCreator has been configured with access to a published Classifier Configuration, the Boldon James Classification selection screen displays your labelling configuration values.
4. Select one or more of the labels to include in the sample events.
5. Configure the location of the Output file and click **Go** to generate the sample events.

Load Sample Event Data

To load the sample event data created by DataCreator into the Database:

1. In a Command prompt window, navigate to the installation folder, typically C:\Program Files (x86)\Boldon James\Classifier Reporting Services.
2. Type `clsev2db.exe -console C:\Users\\Documents\output.xml` (or the location of the generated sample event file) and press Enter.

NOTE: This can take some time depending upon the size of the data file.

Load Sample User Data

To accompany this data, a script called `InsertSampleData.sql` is included. This SQL script file loads sample users and computers data into the Classifier Reporting Database and calls the stored procedures to process the sample event data into a form that can be displayed by the Classifier Reporting Console.

- In SQL Server Management Studio, load the file `InsertSampleData.sql` from C:\Program Files (x86)\Boldon James\Classifier Reporting Services\SQL and press Execute.

Evaluate the Classifier Reporting System

Organisations evaluating the Classifier Reporting System, either for first time use or for proof-of-concept, can review the following dashboards and reports in the first instance.

Dashboards

| Dashboard | Description |
|------------------------|--|
| Overview | Shows a quick snapshot of an organisation's classification activity. This dashboard will show you the classification values that are being used during the evaluation. If the pie charts are populated, the reporting infrastructure is set up appropriately. |
| Policy Distribution | Shows the Classifier policy usage, number of users with Classifier-enabled applications and other environment information. If you are using more than one Classifier policy, you can see which users are in which policy. |
| Classification Summary | Shows which users are interacting most with Classifier products, and which classification values they are using. You can filter by classification value, time range and application types. |
| Policy Checks | Gives a view of the top 10 users triggering each Classifier check rule. You can select a time range and application and then double-click the Classifier rule to see who triggered the check rule most often and how they responded (was the user warned, prevented, challenged or did they ignore the check rule). |
| Client issues | Shows you if there are any Classifier issues at your users' endpoints. For example, you can see if the Classifier configuration is always available to users. If you are using Classifier Management Agent, this dashboard will also show you when users are running Classifier-enabled applications (such as Word) without Classifier enabled (for example, Word run in Safe mode). Any entries on this dashboard will likely require further analysis. |
| Classification issues | Shows classification values that are not recognised by the reporting system. This can happen frequently in an evaluation period as new values are added to the users' client configurations before the reporting system is updated with the new values. This dashboard should not report unknown values once the Classifier configuration has been consolidated. |

Reports

| Reports | Description |
|---|---|
| Sent emails by classification and domain report | Use this report to see the classification values of emails sent to SMTP domains. You can filter by classification value and/or domain name. |
| Sent emails by classification and username report | This report shows the classification values that individual users are using when sending emails. You can filter by username and classification value. |
| Email classification changes report | Use this report to see which users are making label changes to their emails. Frequent changes may indicate misclassification or misunderstanding of the classification system. |
| Saved documents by username and filename report | This report displays, for each user, which classification values they have used for saving documents. Each document name and location, and save time is also shown. You can filter by username and/or classification value. |
| Document classification changes report | Use this report to see which users are making label changes to documents. Frequent changes may indicate misclassification or misunderstanding of the classification system. |