Overview

Data Collectors

Data collector objects capture property values during job processing and store them in a PostgreSQL database created by the Reports feature. You can access that data and use it as input to your business intelligence software.

Data Collectors let you configure:

- The database table where the property values are stored.
- The retention period for the captured data.
- Job, printer, device, and user property values to capture.

You cannot store positional job properties in the Reports database. To determine whether a property is positional, check the help for that property.

RICOH ProcessDirector provides these data collectors that you can configure to meet your needs:

Job Step Duration
Lets you measure how long each step was in the queued and processing states, as well as the total duration for each step to complete processing.

You can also select job properties to capture at the end of each step along with the step duration information.

Job Step Progress
Lets you select the job properties that are captured at the start and completion of each step in the workflow.

You can use this data collector along with the **WritePropsToReportsDatabase** step to collect job and document properties.

Job Print Progress
Lets you select the job and printer properties that are captured when a job starts printing and when it finishes printing successfully, or if an error occurs.

Order Status
Lets you select the order properties that are captured when an order is created, changes state, or is deleted.

Printer Status
Lets you select the printer properties that are captured each time that the Enabled status or Printer status changes.

User Actions on Barcode Readers
Lets you select the barcode reader and user properties that are captured when a user does an action on a barcode reader.

User Actions on Input Devices
Lets you select the input device and user properties that are captured when a user does an action on an input device.

User Actions on Inserters
Lets you select the inserter and user properties that are captured when a user does an action on an inserter.

User Actions on Jobs
Lets you select the job and user properties that are captured when a user does an action on a job.

User Actions on Printers
Lets you select the printer and user properties that are captured when a user does an action on a printer.

User Actions on Users
Lets you select the target user and user properties that are captured when a user does an action on a target user.

Workflow Step Collector
Lets you manage the data stored by the WritePropsToReportsDatabase step.

Collect the values of document properties using the **WritePropsToReportsDataBase** step. You can include the step multiple times in a workflow to track changes in the value of the documents. The supplied **Workflow Step Collector** manages the job and document property data stored by the step.

Parent topic: System objects