

IBM StoredIQ Data Script
Version 7.6.0.2

User Guide



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Note

Before using this information and the product it supports, read the information in "Notices" on page 7.

This edition applies to Version 7.6.0.2 of product number 5724M86 and to all subsequent releases and modifications until otherwise indicated in new editions.

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About this publication

IBM Data Script User Guide describes how to manage data from the Document Dashboard of IBM Data Script.

IBM StoredIQ Platform product library

The following documents are available in the IBM® StoredIQ Platform product library.

- *IBM StoredIQ Platform Deployment and Configuration Guide*, SC27-6386
- *IBM StoredIQ Platform Overview Guide*, GC27-6398
- *IBM StoredIQ Platform Data Server Administration Guide*, SC27-5692
- *IBM StoredIQ Administrator Administration Guide*, SC27-5688
- *IBM StoredIQ Data Workbench User Guide*, SC27-5691
- *IBM StoredIQ Data Workbench Reference Guide*, SC27-6397
- *IBM StoredIQ eDiscovery User Guide*, SC27-5693
- *IBM StoredIQ Policy Manager User Guide*, SC27-5694
- *IBM StoredIQ Data Script User Guide*, SC27-5690

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Support and assistance

- 1-866-227-2068

To e-mail IBM StoredIQ customer support, use this email address:

- storediqsupport@us.ibm.com

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PDF publications

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Overview of IBM StoredIQ Data Script

IBM StoredIQ Data Script enables automated execution within IBM StoredIQ Platform. You can script, automate, and monitor processes that are normally run manually within IBM StoredIQ Data Workbench. IBM StoredIQ Data Script focuses on repeatable, understood, and approved processes for the purposes of culling and refining data in an approved manner.

Through the IBM StoredIQ Data Script interface, you can monitor each of the data management steps as they are run. You can then view any defined outputs, such as reports, infosets, or exports that are generated as a result.

You can choose predefined workflows that run a well-defined set of steps. These steps mimic a process that a user usually runs manually within IBM StoredIQ Data Workbench. These defined steps, or workflows in IBM StoredIQ Data Script, are meant to address repeatable processes for data management. By running workflows, the user can reapply processes that have been reviewed and approved to apply to a wide variety of different data problems.

Workflows originate in IBM StoredIQ Data Workbench, by selecting **Details > Infoset Ancestry**, or from custom scripts. Infosets can be saved as workflows in the documents of IBM StoredIQ Data Script, the starting and end points for which are the first and last operations in the infoset ancestry.

Document dashboard view

The Document Dashboard provides high-level overviews of existing documents and their status within IBM StoredIQ Data Script.

The Document Dashboard provides three critical pieces of information for each added document: the document's name, a brief description of that document, and the date and time when the document was created. From the Document Dashboard, you can do the following tasks:

- Add a document by clicking the **Add Document** button.
- View a document by double-clicking the document that you want to see.
- Search for a document by filtering the existing documents.

Workflow origination

Workflows originate in IBM StoredIQ Data Workbench by selecting **Details > Infoset Ancestry**, or from custom scripts.

Infosets can be saved as workflows and used in IBM StoredIQ Data Script documents. They serve as the first and last operations in the infoset ancestry.

IBM StoredIQ Data Script management

Follow these procedures to use IBM StoredIQ Data Script.

Adding a document

To manage data with IBM StoredIQ Data Script, you must first add a document to make it available within IBM StoredIQ Data Script.

Procedure

1. From the Document Dashboard, click **Add Document**. The Create Document dialog box appears. The Create Document dialog box has three tabs: **Name and Description**, **Workflows**, and **Infosets**.
2. Within the **Name and Description** tab, complete these fields.
 - a. In the **Name** text box, enter a unique name for this document.
 - b. Optional: In the **Description** text box, enter a brief description of this document.
 - c. Click **Next** to proceed to the **Workflows** tab.
3. Within the **Workflows** tab, complete these fields.
 - a. Use **Add** and **Remove** to apply the workflows to be available for this document.
 - b. If needed, search for an available workflow in the **Enter terms** text box and click **Search**.
 - c. Click **Next** to proceed to the **Infosets** tab.
4. Within the **Infosets** tab, complete these fields.
 - a. Select the infoaset name to choose the starting infoaset for this document.
 - b. If needed, search for an available infoaset in the **Enter terms...** text box and click **Search**.
 - c. Click **Save** to complete the process.

The added document appears in the Document Dashboard.

Searching for a document

You can search existing documents from the Document Dashboard of IBM StoredIQ Data Script.

Procedure

1. View the Document Dashboard from IBM StoredIQ Data Script.
2. In the **Enter terms here....** text box, enter the name of the document for which you want to search and then press **Search**. You can enter either the full document name or a portion of its name. Documents that match the search term are returned.
3. To remove the search term, click the **X** sign to the right of the text box.

Viewing a document

After you added documents in IBM StoredIQ Data Script, you can view them from the Document Dashboard.

Procedure

From the Document Dashboard, double-click the document that you want to view. The document opens within the Document Details page.

Document details

The IBM StoredIQ Data Script interface provides the Document Detail page and the Workflow Status and Outputs page, which presents detailed information about documents and workflow status.

Document details

The Document Detail page contains five distinct areas:

- **Document Dashboard**
- **Workflows**
- **Infosets**
- **Actions**
- **Reports**

Four icons are used to indicate status within the Document Detail page: **Success**, **Fail**, **Processing**, and **Processing Not Yet Started**.

- **Success:** This icon indicates that processing is finished and that the workflows are complete.
- **Fail:** This icon indicates that the workflow's processing failed.
- **Processing:** This icon indicates that the workflow is still processing.
- **Processing Not Yet Started:** This icon indicates that the workflow's processing is not yet started.

The Document Dashboard provides an abbreviated view of the selected document, including the document's name, its creation date and time, and a brief description. It provides the option to edit the document.

Workflow Status and Outputs

Workflows demonstrate the individual business processes of a larger procedure: collect data, collect custodians, run actions, generate a report, move to preservation, and export. The sequence of workflows can be reordered as needed to create different workflows, which then result in different outputs.

User infosets that are based on their ancestry can be created as workflows within IBM StoredIQ Data Script.

If no workflows appear in the **Workflow Details** area, you can add a workflow to a document by clicking **Add Workflow**.

The **Workflow Details** includes these fields.

- **Name:** Name of the workflow that was provided when the workflow was added.
- **Description:** Description of the workflow that was provided when the workflow was added.
- **Started:** Date and time when the workflow began processing the document.

- **Overall Status:** Information about the workflow's status, including which steps are still in progress and which steps are completed.

The status icons are used to provide at-a-glance views of the workflow's status.

Infosets, actions, and reports are all outputs of a workflow; the artifacts are created as the result of the workflow's execution.

- **Infosets:** Provides high-level information about infosets and their status.
- **Actions:** Provides high-level information about actions and their completion status.
- **Reports:** provides high-level information about reports and the status of report generation.

Running a workflow

You can run workflows on existing documents to modify your documents as needed.

Procedure

1. From the Workflow Status and Outputs page, click **Run Workflow**. The Run Workflow dialog box appears.
2. Select a workflow and click **Next**.
3. In the Run Workflow dialog box, complete these fields.
 - Enter the Base Name of this workflow in the **Base Name** field.
 - Enter a brief description of this workflow in the **Base Description** field.
 - Enter the email address to which notification of the workflow result is sent.
4. Click **Next**.
5. In the Starting Infoset window, select the button of the starting infoset for this workflow and then click **Run**. When the workflow runs successfully, a green check marks the process complete. Otherwise, a red X marks the process as failed.

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