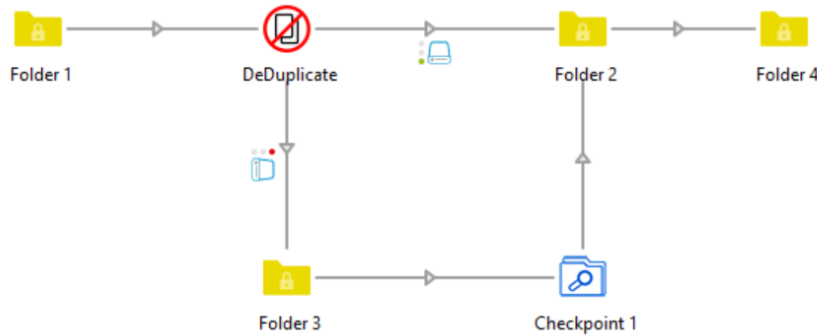


DEDUPLICATE



Description

This app detects and suppresses duplicate jobs in your Enfocus Switch workflows. When a job arrives, it is checked against a persistent record of recently seen jobs based on job name, file content hash, or both. Unique jobs are routed to the success output and registered for future comparison. Duplicate jobs are immediately routed to the error output, preventing them from wasting processing time or causing downstream issues. Records expire automatically after a configurable retention window.

Compatibility

Switch 2024 Fall and up

Connections

This app requires at least one incoming connection. It uses traffic-light routing: unique jobs are sent to the success output, detected duplicates to the error output. Both outputs are optional and can be enabled independently. Unlimited outgoing connections are supported.

Flow element properties

Mode

The deduplication detection method. Choose from:

Jobname — flags any job whose filename was already seen within the retention window, regardless of file content.

Hash — computes a SHA-256 fingerprint of the job file or folder contents and flags bit-for-bit identical submissions, even if they arrive under a different name.

Both — requires both the job name and the content hash to match before a job is flagged as a duplicate. This is the strictest mode.

Timeout

The duration for which a job remains on record. Works together with the Units setting to define the retention window. Set to 0 to keep records indefinitely — once seen, a job is always treated as a duplicate unless the database is cleared manually.

Units

The time unit applied to the Timeout value. Choose from: Seconds, Minutes, Hours, Days.

Scope mode

Determines how the deduplication scope is assigned to this element instance. Choose from:
Automatic — each element instance maintains its own isolated deduplication record, derived from the flow name and element name. Two DeDuplicate elements placed in different flows or at different positions in the same flow never share state.

Custom — uses the value defined in the Scope property, allowing multiple element instances to share a common deduplication pool.

Scope (visible when Scope mode is set to Custom)

A user-defined scope key. Supports Switch variables and script expressions. Any DeDuplicate elements sharing the same scope value will share the same deduplication pool. If left empty while Scope mode is set to Custom, the element falls back to Automatic behaviour.