Release Notes R2025

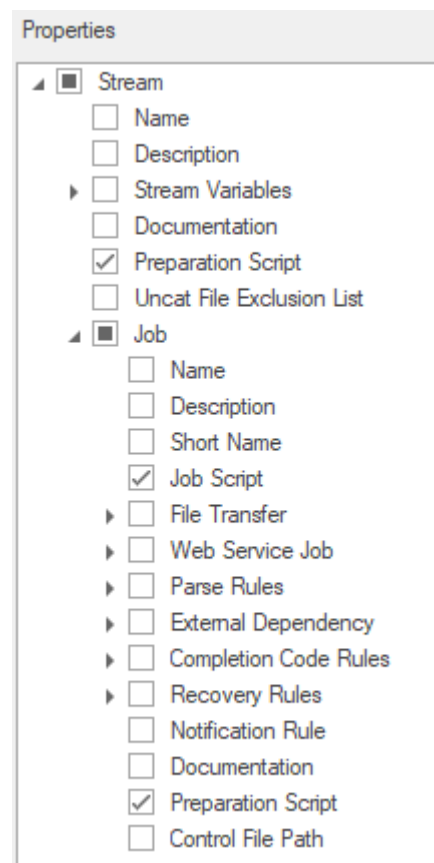Date of last revision: 2025-05-19

Table of Contents

1 New Features

25492: Full Text Search with new features

The Full Text Search has been greatly enhanced and can now search and replace strings not only in Job Scripts, but also in many other properties of Streams and Jobs. These include:

> Preparation Scripts,

> Descriptions,

> Documentation,

> Variable names and values, as well as

> Validation Definitions and Dependency Definitions.

A complete list of all searchable properties can be found in the figure opposite.

With this extension, the most important properties of Streams and Jobs can be adapted to new specifications from a central location.

26359: *Set complete* for multiple Jobs at the same time

Users can now select multiple jobs in the *Status View* and *Incident View* and set them complete (*Set complete*). This improves efficiency and significantly reduces manual effort.
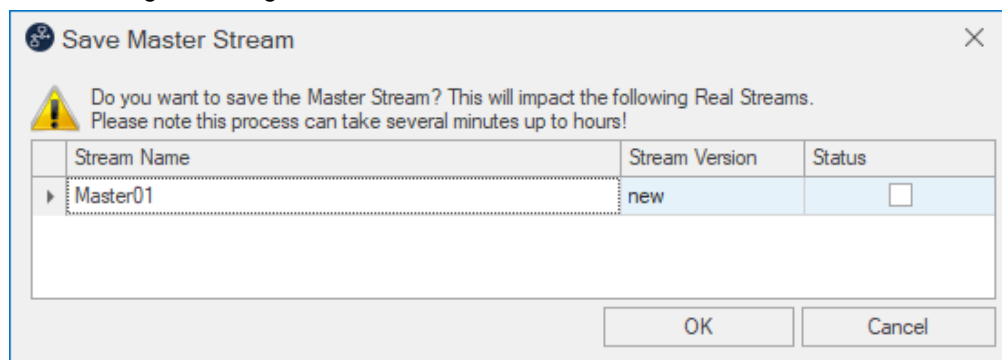
26605: Save changes to Master Streams even faster

Changes to Master Streams can now be saved even faster. A new save procedure transfers only those changes to the Real Streams that are not inherited, such as new Jobs, Agents, or Job Template Types. This reduces the system load and improves response time when changes are made.

The following additions have also been made to improve clarity and user-friendliness:

> When saving, all changed Real Streams are listed.

> Changes to the Master Stream are now also displayed in the Real Stream history to improve traceability for the user.

26355: External Dependencies waiting for external processes

External applications can be requested to perform a task via Job Script or Web Request. Now you can define that one or more Jobs wait for the completion of such an External Procedure.

To do this, a URL with a GUID is sent to the external application together with the task. The external application calls this URL when the task is complete. This confirms the External Dependency and releases the waiting Jobs.

Job *Stream_Example02* should wait for the completion of an External Procedure defined in Job *Stream_Example01*.

Runtime: A Job is waiting in the *Checking dependencies* Status for the External Procedure to be released

25885: Release Jobs On Hold with Deep Links via the Web App

Jobs *On Hold* can now be released or bypassed via a personalized deep link. The user is redirected to the Web App and must log in if they are not already logged in.

Deep links are created in the **Desktop Client** using the new variable &SJ_JOBWEBAPPURL, which can be used in notification templates.

In the **Web App**, Jobs that are *On Hold* can also be skipped with the new *Bypass Stream Run Job immediately* feature without having to release them first (remove *Hold* and *Bypass* in one step).

2 Additions

25491 Multiple Full Text Searches at the same time

From now on, you can work directly in the Stream Design and Runtime without closing the Full Text Search. You can also work on multiple Full Text Searches simultaneously, minimize them and maximize them via the Windows taskbar.

26591/26590 "SMA" becomes "SRA"

Usability starts with clear terminology. Therefore, the *Service Management API (SMA)* is being renamed to *Streamworks REST API (SRA)* to comply with common standards.

26548 SRA: Read External Dependencies of a Stream Run

The external dependencies of a stream run and its jobs can now be read and used in further API calls.

You can find the new methods in the SRA help under:

> *StreamRunExternalDependency > Get External Dependencies (StreamRun) - 1.0.0;normal*

> *StreamRunJobExternalDependency > Get External Dependencies (StreamRunJob) - 1.0.0;normal*

26624 SRA: StreamRunHold and StreamRunJobHold with new HTTP code

Holds can now be set in any status of a Stream or Job, as in the Desktop Client. Multiple settings are ignored and the request is completed with HTTP code *200* (instead of *400*).

After the release upgrade, checks for set holds should therefore only be performed using the *Get Stream Run Hold* or *Get Stream Run Job Hold* methods, and no longer with a *POST* (*Hold Stream Run, Hold Stream Run Job*) and a check for HTTP code *400*.

24248 Opening Streams in read-only mode

The *Open read-only* function allows Streams to be opened securely in read-only mode. This allows Streams to be displayed without the risk of accidentally changing important data.

Read-only mode can be used by multiple users at the same time.

26500 Standards for Git transfers

You can now specify for each Mandator whether Streams should be transferred to Git by default and whether this default setting can be changed in the Stream.

During the release upgrade, the old settings are retained: The default value is *No*, unless *Yes* was selected in the Stream.

For more information, see Git-Repository.

26638 Connecting Git via SSH

SSH can now be used for authentication in Git systems.

26561 Replacing PSL Variables in Insertion Point Jobs

PSL Variables are now replaced during the preparation of the Insertion Point Job. This allows information from the Insertion Point Job to be passed on to the Dynamic Stream. (System Preparation Variables are still ignored during the preparation of the Insertion Point Job and are only replaced during the preparation of the Dynamic Stream.)

26438 Report "AgentReference (Runtime)" extended

The report "AgentReference (Runtime)" has been extended to include the columns *Stream Short Description* and *Job Short Description*. These contain the description of the Stream or Job.

3 Documentation

"Installation Components" manual expanded (for administrators only)

The "Installation Components" manual now summarizes all important information on installing, operating, and monitoring Streamworks components in one central location. It now contains the following manuals and content:

> "Installation Components" manual

> "Release Upgrade Components" manual

> "Configuring the Reporting Server" manual

> "Configuring Authentication via Client Certificate" manual

> "Installation Monitoring Infrastructure" manual

> System settings in the database (previously in the "Using Desktop Client" manual under *Database*
> > *Table SystemConfiguration*

Notification Templates revised

The notification templates have been fundamentally revised. Different configurations are now described in detail, depending on whether a notification is sent directly to a mail server or forwarded via script and API.

The "Interface Incident information" manual has been integrated into the chapter.

FAQ

With our new FAQ, we offer solutions to the most common challenges. We're starting with an FAQ for the User Profile.

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