

Before/after subscribe scripts

Fluorine

Before subscribe scripts

Before subscribe scripts are created with server-side JavaScript and will execute right before an insert or update allowing a chance to modify the record before persisting. Within your before subscribe script, you have access to the following variables:

Variable	Description
current	Record that is being inserted or updated
repl_gr	Temporary inbound record. Will be mapped to repl_gr by default.
gr_before	Record before any update is made to it. If the record doesn't exist (i.e., for an insert), then this variable will be assigned to current.
qcurrent	Record within the psp_in_message table (pulled from the Perspectium Mesh). Use the message's key value to determine its source.
ignore	Can assign a value of true in order to stop the execution of the subscribe
qcurrentxml	Holds the xml object of the inbound record
xml_util	Holds an xml utility for working with qcurrentxml

After subscribe scripts

After subscribe scripts are also created with server-side JavaScript and will run after an inbound (subscribed) record from a sharing instance is synced on the subscribing instance. Within your after subscribe script, you have access to the following variables:

Variable	Description
current	Record that was inserted, updated or deleted, the destination record
qcurrent	Record within the psp_in_message table (pulled from the Perspectium Mesh). Use the message's key value to determine its source.
qcurrentxml	Holds the xml object of the inbound record
xml_util	Holds an xml utility for working with qcurrentxml
subscribe_gr	Holds the GlideRecord object corresponding to the subscribe record configuration itself (You can use subscribe_gr.getTableName() to access the name of the table you're trying to insert)

Prerequisites

⚠ First, you will need to [configure a ServiceNow instance as a subscriber](#).

Create before/after subscribe scripts

To create a before/after subscribe script, follow these steps:

1

Log into a sharing ServiceNow instance that has [another ServiceNow instance configured as a subscriber](#).

2

In the Filter Navigator on the upper left-hand side of the screen., navigate to **Perspectium > Replicator > Subscribe**.

3

Click the timestamp next to the name of the subscribe record you want to create a before/after subscribe script for.

4

Click the **Filter and Enrichment** tab. Then, scroll down to the **After subscribe script** window or the **Before subscribe script** window and start typing your script.

5

In the upper right-hand corner of the form, click **Update** to save your changes.

The screenshot displays the ServiceNow Service Management interface for the 'Replicator Configuration (Subscribed view*)'. The left sidebar shows the navigation menu with 'Perspectium' > 'Replicator' > 'Subscribe' selected. The main panel is titled 'Replicator Configuration' and shows the 'Filter and Enrichment' tab. The configuration includes a table selection (Incident [incident]), an active checkbox, and tabs for 'Additional Settings', 'Trigger Conditions', 'Filter and Enrichment', and 'Notes'. The 'Filter and Enrichment' tab contains a 'Condition' section with 'Add Filter Condition' and 'Add "OR" Clause' buttons, and a 'Condition script' section with a text area. Below these are two sections for 'Before subscribe script' and 'After subscribe script', each with a text area. A red box highlights the 'Update' button in the top right corner. A red arrow points from the text 'Type your before/after subscribe scripts here' to the 'Before subscribe script' and 'After subscribe script' text areas.

Type your before/after subscribe scripts here

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