

# 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
<b>current</b>	Record that is being inserted or updated
<b>repl_gr</b>	Temporary inbound record. Will be mapped to <b>repl_gr</b> by default.
<b>gr_before</b>	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.
<b>qcurrent</b>	Record within the <b>psp_in_message</b> table (pulled from the <b>Perspectium Mesh</b> ). Use the message's <b>key</b> value to determine its source.
<b>ignore</b>	Can assign a value of <b>true</b> in order to stop the execution of the subscribe
<b>qcurrentxml</b>	Holds the xml object of the inbound record
<b>xml_util</b>	Holds an xml utility for working with <b>qcurrentxml</b>

## 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
<b>current</b>	Record that was inserted, updated or deleted, the destination record
<b>qcurrent</b>	Record within the <b>psp_in_message</b> table (pulled from the <b>Perspectium Mesh</b> ). Use the message's <b>key</b> value to determine its source.
<b>qcurrentxml</b>	Holds the xml object of the inbound record
<b>xml_util</b>	Holds an xml utility for working with <b>qcurrentxml</b>
<b>subscribe_gr</b>	Holds the <a href="#">GlideRecord</a> object corresponding to the subscribe record configuration itself (You can use <b>subscribe_gr.getTableName()</b> 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 [Subscribed view\*]' and includes a table dropdown set to 'Incident [incident]' and a 'Direction' dropdown set to 'Subscribe'. The 'Active' checkbox is checked. The 'Filter and Enrichment' tab is active, showing a 'Condition' section with 'Add Filter Condition' and 'Add "OR" Clause' buttons, and a 'Condition script' editor. Below this are two script editors: 'Before subscribe script' and 'After subscribe script', both with a red border and a red arrow pointing to them from the text 'Type your before/after subscribe scripts here'. The 'Update' button is highlighted in the top right corner.

**Type your before/after subscribe scripts here**

## Similar topics

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