

Trigger event variables

The trigger event variables available to a trigger when it executes are variables that relate to the current execution of a trigger, such as the data value of a monitored device variable for a data event trigger or the name of a device for a device state change event trigger.

The trigger event variables are either input event variables or output event variables (but not both):

- Input variables can be used for the source variable in an action, but cannot be changed.
- Output variables can be used for the destination variable in an action. They can be changed and be used to pass information back to the component that caused the trigger to execute.

An example of the device state change event type shows the available input event variables available as the source of a Set action:

The screenshot displays the configuration interface for a trigger. At the top, the 'Name' field is set to 'Line 1_DeviceStateChange'. Below this, there are tabs for 'Event', 'Local Variables', 'Static Variables', 'Settings', and 'Details'. The 'Event' tab is active, showing the 'Trigger Event Type' set to 'Device State Change'. Below this, there are fields for 'Filter for Device' (set to 'False'), 'Fire on Device Start' (set to 'True'), 'Fire on Device Stop' (set to 'True'), and 'Fire on Device Disable' (set to 'True').

Below the trigger configuration, there is an 'Actions' section. The first action is '1. Set: EventVariables.State -> Local Variables'. The 'Source' field is set to 'EventVariables.State'. The 'Variable' field is set to 'EventVariables.State'. The 'Type' field is set to 'EventVariables'. The 'Destination' field is set to 'LocalVariables'. The 'Variable' field is set to 'StaticVariables'. The 'Type' field is set to 'EventVariables'. The 'Routing' field is set to 'Device Name'. The 'State' field is set to 'State'.

For this example of the device state change event type, there are no output event variables

The specific trigger event variables information is covered in the section for each trigger event type in the [Trigger event type reference](#).