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# Example for a user defined action

- 2018-02-21 - Industrial HiVision

User defined actions gives you the opportunity to run external applications from the context menu of a device.

This example shows how to define a user defined action to enable/disable a specific switch port.

## **Batch Files**

Create a batch file (port-state.bat) with the following content:

snmpset -c private %1 1.3.6.1.2.1.2.2.1.7.8 integer %2

**Note:** snmpset.exe located in C:\Program Files\Hirschmann\Industrial HiVision 04.4.00\bin offers SNMPv1 only.

For SNMPv3 you need to use another SNMP tool like Net-SNMP (http://www.net-snmp.org/)

# 

# Open the preferences dialog

- 1. Click on **Preferences** in Industrial HiVision toolbar
- 2. Navigate to User defined Actions
- 3. Click on **New** to create a new entry.
- 4. New Entry dialog is shown

# **Define Action**

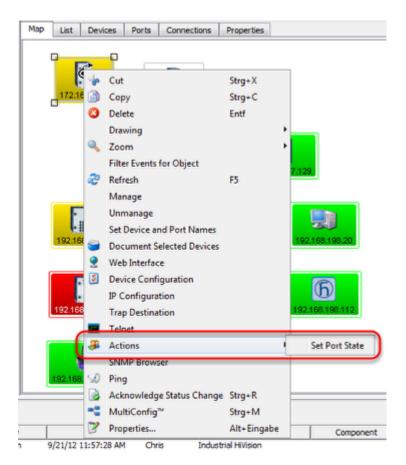
🔂 Edit	an after star	
User defined Action		
Name:	Set Port State	
Available for:	Device v Device type: Al v Component: v	
Location of Execution:	Desktop O Service O Browser	
Application:	D: \temp\uda\port-state.bat	
3 Parameters:	SIP_ADDR \$USER	insert Token 🔹
1	Port Admin State (1=on, 2=off)	
Advanced Token Lan usge:	English •	
Application Result:	Output	
5 Display Result:	Event Only In Case Of Falure Message Box Of Falure	
Hide Passwords		
		OK Cancel Help

Create a new entry to set the Port State based on the user input.

- 1. Specify a Name for the User defined action
- 2. Enter the path to the previous created batch file port-state.bat.
- 3. Use the drop-down box to the right to add the **Parameters** \$IP\_ADDR and \$USER
- 4. Add a meaningful text for the user input prompt like Port Admin State (1=on, 2=off)
- 5. Check the Advanced tick box and enable Event and Message Box

Finalize the user defined action by clicking **OK** Click **OK** to close the preferences window

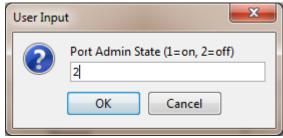
### **Run User Defined Action**



Right click on a device to open the context menu.

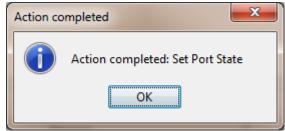
#### **Select Actions - Set Port State**

#### **User Input**



Enter 1 or 2 followed by OK to set the port admin state accordingly.

#### Message Box



A message box with the action result is shown.