Filter management with the message processor

1) Description

As shown in this diagram, when an event is received in the script, the message processor checks if there are available filters.

If no filters are available, the message processor does nothing.

If one or more filters are available, the message processor executes the filter in the order they are defined and creates, sets or resets the corresponding alarms. So if more than one filter is valid, the first filter will create the alarm (if it doesn’t exist) and the others will update the attributes of this alarm (if the reference is the same for each filter).

2) Explanations